

**EXTRA FULL
LENGTH TEST
SIMULATION**

EXAM 5:

Full-Length GED Practice Test: Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (30 Questions)

Question 1

Read the following excerpt:

"The city council proposed a plan to renovate the old library, which has been unused for years. Their goal is to transform the building into a community center with educational and cultural programs."

Based on this excerpt, what is the city council's main objective?

- A) To demolish the old library
 - B) To create a new shopping center
 - C) To convert the building into a community hub
 - D) To sell the building to a private company
-

Question 2

Which of the following sentences is written in the **passive voice**?

- A) The committee announced the results on Friday.
 - B) The results were posted on the bulletin board by the committee.
 - C) Many people attended the results announcement event.
 - D) Friday's meeting concluded with a discussion about the results.
-

Question 3

Which sentence has correct **subject-verb agreement**?

- A) The group of students are planning a field trip.
- B) Each of the participants was given a certificate.
- C) Her friends enjoys hiking during the summer.
- D) The teachers in the school takes attendance daily.

Question 4

Read the following sentence:

"Her curiosity led her to explore the abandoned house, despite the eerie silence that surrounded it."

Which best defines the word "eerie" in this context?

- A) Loud and disturbing
 - B) Calm and inviting
 - C) Strange and frightening
 - D) Bright and cheerful
-

Question 5

Which sentence uses a **comma splice** that needs correction?

- A) We visited the museum, it was closed for renovations.
 - B) She wanted to watch a movie, so she bought a ticket.
 - C) Although the day was sunny, the wind felt chilly.
 - D) They met at the park, but it started to rain immediately.
-

Question 6

What is the main purpose of a **topic sentence** in a paragraph?

- A) To pose a question for the reader
 - B) To summarize evidence from the conclusion
 - C) To introduce the paragraph's central idea
 - D) To add irrelevant details
-

Question 7

Which of the following choices is an example of a **simile**?

- A) Life is a roller coaster with unexpected twists.
 - B) She ran as swiftly as a cheetah chasing its prey.
 - C) The exam was a piece of cake.
 - D) The clouds sailed across the sky in silent majesty.
-

Question 8

Read the sentence:

"Because the roads were icy, several cars struggled to gain traction."

What is the dependent clause in this sentence?

- A) Because the roads were icy
 - B) several cars struggled
 - C) to gain traction
 - D) Because the roads
-

Question 9

Which sentence is **punctuated correctly**?

- A) "I'm not sure" she said "if I'll make it on time."
 - B) "I'm not sure," she said. "If I'll make it on time."
 - C) "I'm not sure," she said, "if I'll make it on time."
 - D) "I'm not sure" she said, "If I'll make it on time."
-

Question 10

What is typically the **function of a concluding paragraph** in an essay?

- A) To present new arguments and evidence
 - B) To restate the thesis and summarize key points
 - C) To introduce an unrelated story for context
 - D) To open the discussion to an entirely different topic
-

Question 11

Which sentence contains a **misplaced modifier**?

- A) The siblings laughed and played in the

backyard.

B) The delicious aroma filled the kitchen while the bread baked.

C) While mowing the lawn, a sudden rainstorm soaked Jason.

D) After class ended, she walked home quickly.

Question 12

What does the prefix "**re-**" mean in words like "redo," "rethink," and "rewrite"?

- A) Opposite of
 - B) Again
 - C) Under
 - D) Between
-

Question 13

Which of the following examples shows **correct** parallel structure?

- A) Marcus enjoys hiking, to fish, and riding his bike.
 - B) The recipe calls for chopping vegetables, marinating the chicken, and heating the sauce.
 - C) She likes to draw, painting, and sing.
 - D) We walked slowly, quietly, and took pictures of the scenery.
-

Question 14

Which of the following best describes a **compound sentence**?

- A) A sentence that starts with a dependent clause
 - B) Two independent clauses joined by a coordinating conjunction
 - C) An independent clause followed by a phrase or fragment
 - D) A sentence that uses only adjectives and no verbs
-

Question 15

Read the following passage:

"The local farmers' market has grown substantially over the past year. Every

weekend, new vendors arrive with fresh produce, homemade crafts, and unique baked goods. Visitors often comment on the sense of community and the variety of items available."

What is the **primary focus** of this passage?

- A) The decline of local markets
 - B) The expansion and diversity of a farmers' market
 - C) How to bake homemade goods
 - D) An argument against public events
-

Question 16

Which of the following words is a **conjunction**?

- A) Beneath
 - B) Around
 - C) Unless
 - D) Throughout
-

Question 17

Which sentence is **grammatically correct**?

- A) Neither the coach nor the players knows the score.
 - B) Either my sisters or my brother are baking cookies.
 - C) Each of the cars need a new tire.
 - D) All of the pieces of furniture have been polished.
-

Question 18

Read this sentence:

"His persuasive speech was met with applause, but it failed to address the opposing viewpoint."

What is missing from this argument, according to the sentence?

- A) A clear main idea
 - B) Relevant examples
 - C) A counterargument
 - D) A strong conclusion
-

Question 19

Which of the following phrases is an example of **hyperbole**?

- A) "He slept like a log last night."
 - B) "She was slightly irritated by the noise."
 - C) "I've told you a million times to clean your room!"
 - D) "The gentle breeze cooled the afternoon air."
-

Question 20

Which sentence is a **complex sentence**?

- A) I have a meeting at noon, and she has an appointment at two.
 - B) She left early because she wanted to avoid traffic.
 - C) The store closed, so we went to the cafe instead.
 - D) We plan to visit the museum soon.
-

Question 21

Choose the sentence that **correctly** uses a **colon**:

- A) She had one goal to succeed in her business.
 - B) He asked if she: wanted to join the team.
 - C) There was one thing left to do: celebrate.
 - D) They gave us a list of items, milk, eggs, flour, and sugar.
-

Question 22

Read the following excerpt:

"Dogs are often referred to as loyal companions because they form strong bonds with their owners, offering both emotional support and constant affection."

Which sentence best **paraphrases** this excerpt?

- A) Dogs are sometimes disloyal to their owners.
- B) Canines are known to behave aggressively and show affection simultaneously.
- C) Due to their close relationships with people, dogs provide emotional comfort and unwavering companionship.

D) Dogs usually live outdoors and rarely interact with humans.

Question 23

Which of the following sentences demonstrates the **correct** use of a **semicolon**?

- A) The weather was perfect yesterday; we decided to have a picnic.
 - B) I wanted to attend the conference I had work obligations.
 - C) He said he would arrive by noon, he was late anyway.
 - D) They announced the winner however, the prize ceremony was postponed.
-

Question 24

Which sentence best demonstrates an **imperative** sentence?

- A) Where is the nearest bus stop?
 - B) Please hand me that book.
 - C) The clouds look ominous.
 - D) I cannot believe the weather today.
-

Question 25

Which of the following is an example of an **adverb** modifying a verb?

- A) She quickly replied to the email.
 - B) That tall building overlooks the park.
 - C) The old couch needs to be replaced.
 - D) A colorful mural brightened the hallway.
-

Question 26

Read the following sentence:

"He drafted the document carefully, ensuring all the details were accurate."

What is the **best synonym** for "drafted" in this context?

- A) Tore
 - B) Wrote
 - C) Folded
 - D) Ignored
-

Question 27

In an **informative essay**, the primary goal of the writer is to:

- A) Convince the reader to adopt a specific viewpoint
 - B) Entertain the reader with humorous anecdotes
 - C) Provide evidence and facts about a particular topic
 - D) Criticize the audience's beliefs
-

Question 28

Which of the following options is **correctly** spelled?

- A) Recieve
 - B) Accomodation
 - C) Stationary
 - D) Beggining
-

Question 29

Read the sentence below:

"The glowing stars dotted the night sky, creating a breathtaking panorama."

Which **literary device** is used to describe the stars?

- A) Onomatopoeia
 - B) Personification
 - C) Alliteration
 - D) Metaphor
-

Question 30

Which sentence is the **best** example of a **transitional phrase** showing **contrast**?

- A) "Similarly, both stories have a common theme."
 - B) "In conclusion, the results were promising."
 - C) "On the other hand, the second plan requires less funding."
 - D) "Therefore, we should allocate more resources to the program."
-

Drop-Down Questions (5 Questions)

Question 1

Choose the correct pronoun to complete the sentence:

“Everyone on the committee expressed _____ support for the new policy.”

[Select One]

- A) his or her
 - B) their
 - C) they
-

Question 2

Select the transition word that best completes the sentence:

“She practiced the piano for several hours; _____, she was well-prepared for the recital.”

[Select One]

- A) likewise
 - B) consequently
 - C) nevertheless
-

Question 3

What is the primary focus of a narrative essay?

[Select One]

- A) Presenting scientific data
 - B) Telling a story or recounting events
 - C) Proposing a solution to a problem
-

Question 4

Choose the correct punctuation to complete the sentence:

“He visited many museums in Europe _____ he found the Louvre particularly fascinating.”

[Select One]

- A) . (period)
 - B) ; (semicolon)
 - C) : (colon)
-

Question 5

Choose the verb form that best completes the sentence:

“They _____ to start the meeting early due to scheduling conflicts.”

[Select One]

- A) decides

- B) deciding
 - C) decided
-

Fill-in-the-Blank Questions (5 Questions)

Question 1

A/an _____ is a literary device that gives human traits to non-human entities.

Question 2

The _____ is the part of an essay where you restate your main points and wrap up your argument or discussion.

Question 3

Placing two independent clauses together without proper punctuation or conjunction creates a _____.

Question 4

A/an _____ involves using exaggeration for emphasis or effect.

Question 5

_____ is the term for the dictionary definition of a word, without emotional associations.

Extended Response (Essay)

Passage

"In recent years, the importance of digital literacy has grown significantly. Employers seek individuals who are not only proficient in specific software but also able to adapt to new technology rapidly. Furthermore, many daily tasks—from banking to grocery shopping—are now completed online, making digital proficiency a vital life skill. Despite these benefits, some worry that reliance on screens decreases face-to-face social interaction and may lead to privacy concerns. Ultimately, balancing digital literacy with offline experiences poses a new challenge for both educators and families, who must work together to ensure that the next generation can thrive in a digital world without sacrificing essential interpersonal skills."

Question

Analyze how the author presents the argument that digital literacy is crucial while also addressing potential drawbacks. In your response, discuss how the author uses evidence, reasoning, and language to strengthen the argument. Provide specific examples from the passage to support your analysis.

Full-Length GED Practice Test: Mathematical Reasoning

Multiple-Choice Questions (20 Questions)

Question 1

What is the value of $4x - 2$ when $x = 5$?

- A) 2
- B) 18
- C) 20
- D) 22

Question 2

Which of the following fractions is equivalent

to $\frac{2}{3}$?

- A) $\frac{4}{5}$
- B) $\frac{6}{9}$
- C) $\frac{2}{5}$
- D) $\frac{8}{12}$

Question 3

A pentagon has interior angles that sum to how many degrees?

- A) 360°
- B) 540°
- C) 720°
- D) 900°

Question 4

Simplify the expression: $3(2x + 5) - 4x$.

- A) $6x + 15$
- B) $2x + 15$
- C) $-2x + 15$
- D) $6x - 4x + 5$

Question 5

If 75% of a number is 45, what is the number?

- A) 30
- B) 45
- C) 60
- D) 60.75

Question 6

What is the perimeter of a rectangle with length 9 inches and width 4 inches?

- A) 13 inches
- B) 26 inches
- C) 36 inches
- D) 52 inches

Question 7

Solve for x :

$$4x + 7 = 23$$

- A) 3
- B) 4
- C) 16
- D) 5

Question 8

Which of the following numbers is **prime**?

- A) 21
- B) 22
- C) 23
- D) 24

Question 9

The ratio of cats to dogs in a shelter is 2:5. If there are 28 dogs, how many cats are there?

- A) 8
- B) 10
- C) 14
- D) 18

Question 10

What is the **slope** of the line passing through points (1,2) and (5,10)?

- A) $\frac{2}{5}$
- B) $\frac{4}{5}$

- C) 2
 - D) 8
-

Question 11

Which of the following is equal to 7×10^2 ?

- A) 70
 - B) 700
 - C) 7,000
 - D) 70,000
-

Question 12

A quadrilateral has four **congruent sides** but no right angles. What type of quadrilateral must it be?

- A) Rectangle
 - B) Square
 - C) Rhombus
 - D) Trapezoid
-

Question 13

A circle has a diameter of 16 cm. What is its **radius**?

- A) 4 cm
 - B) 8 cm
 - C) 16 cm
 - D) 32 cm
-

Question 14

Which equation represents a line with **slope** $m = -2$ and **y-intercept** $b = 4$?

- A) $y = -2x + 4$
 - B) $y = 2x + 4$
 - C) $y = -4x + 2$
 - D) $y = 4 - 2$
-

Question 15

Evaluate $3x^2 - y$ if $x = 2$ and $y = 5$.

- A) 7
 - B) 12
 - C) 18
 - D) 19
-

Question 16

Convert 0.4 to a fraction in simplest form.

- A) $\frac{2}{5}$
 - B) $\frac{4}{5}$
 - C) $\frac{4}{10}$
 - D) $\frac{1}{5}$
-

Question 17

What is 40% of 70?

- A) 14
 - B) 28
 - C) 40
 - D) 42
-

Question 18

A bag contains 2 green marbles, 6 yellow marbles, and 2 blue marbles. What is the probability of drawing a yellow marble at random?

- A) $\frac{2}{10}$
 - B) $\frac{3}{10}$
 - C) $\frac{4}{10}$
 - D) $\frac{6}{10}$
-

Question 19

Simplify $\frac{5}{6} \times \frac{12}{15}$.

- A) $\frac{60}{90}$
 - B) $\frac{2}{3}$
 - C) $\frac{1}{2}$
 - D) $\frac{6}{9}$
-

Question 20

A cube has a side length of 6 meters. What is its **volume**?

- A) 18 m^3
 - B) 36 m^3
 - C) 216 m^3
 - D) 720 m^3
-

Question 21

What is the **mean** of the following set of numbers: {2,5,5,8}?

- A) 4
- B) 5
- C) 5.5
- D) 10

Question 22

Which exponent rule is applied to simplify $x^3 \times x^4$?

- A) Keep the base, add the exponents
- B) Keep the base, subtract the exponents
- C) Multiply the base and exponents
- D) Divide the base by the exponents

Question 23

Solve for x :

$$5x - 6 = 4x + 12$$

- A) -18
- B) 6
- C) 12
- D) 18

Question 24

A trapezoid has bases measuring 6 inches and 10 inches, and a height of 4 inches. What is its **area**?

$$\text{Area} = \frac{(b_1 + b_2)}{2} \times h$$

- A) 16 in²
- B) 32 in²
- C) 64 in²
- D) 80 in²

Question 25

Two workers can complete a task in 6 hours if they work together. One worker can complete the same task alone in 9 hours. How long does it take the other worker to complete the task alone?

- A) 12 hours
- B) 18 hours

- C) 15 hours
- D) 9 hours

Question 26

Factor the expression $x^2 + 5x + 6$.

- A) $(x + 1)(x + 6)$
- B) $(x + 2)(x + 3)$
- C) $(x + 3)(x + 6)$
- D) $(x - 2)(x - 3)$

Question 27

Use the **Pythagorean theorem** to find the hypotenuse of a right triangle with legs measuring 6 inches and 8 inches.

- A) 10 inches
- B) 12 inches
- C) 14 inches
- D) 20 inches

Question 28

What is the **distance** between the points (3, -1) and (7,3)?

Use the distance formula:

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

- A) 4
- B) 5
- C) 6
- D) 8

Question 29

A car travels 180 miles on 6 gallons of gas. At this rate, how many gallons are needed to travel 540 miles?

- A) 12
- B) 15
- C) 18
- D) 20

Question 30

Simplify the radical $\sqrt{50}$.

- A) $\sqrt{25 \times 2} = 5\sqrt{2}$
- B) $\sqrt{25 \times 2} = 25\sqrt{2}$
- C) $\sqrt{5 \times 10} = \sqrt{15}$
- D) $\sqrt{100 \times 0.5} = 10\sqrt{0.5}$

Drag-and-Drop Questions (5 Questions)

Question 1

Match each **2D shape** to its **area formula**:

1. **Parallelogram**
2. **Trapezoid**
3. **Rhombus**
4. **Circle**

Options:

- A) Area = $\frac{(b_1+b_2)}{2} \times h$
B) Area = $b \times h$
C) Area = πr^2
D) Area = $\frac{d_1 \times d_2}{2}$

Question 2

Arrange the following **decimals and fractions** in **descending order** (from largest to smallest):

- $\frac{5}{6}$
- 0.9
- $\frac{3}{4}$
- 0.85

Question 3

Match each **type of triangle** to the correct **description**:

5. **Scalene**
6. **Isosceles**
7. **Equilateral**

Options:

- A) All sides of different lengths
B) Two sides are equal
C) All three sides are equal

Question 4

Put these **metric units of length** in order from **smallest to largest**:

- Kilometer (km)

- Millimeter (mm)
- Meter (m)
- Centimeter (cm)

Question 5

Match each **linear equation** to its **slope**:

8. $y = 3x - 2$
9. $y = -x + 5$
10. $y = \frac{1}{2}x + 1$
11. $y = 4x - 7$

Options:

- A) $m = \frac{1}{2}$
B) $m = 4$
C) $m = -1$
D) $m = 3$

Fill-in-the-Blank Questions (4 Questions)

Question 1

A rectangle has a **length of 8 cm** and a **width of 5 cm**. Its **area** is _____ cm^2 .

Question 2

Solve for x :

$$4x + 8 = 24$$

$x =$ _____.

Question 3

A circle has a **diameter of 6 cm**. Its **radius** is _____ cm.

Question 4

The percentage **decrease** from **80** to **60** is _____ %.

Hotspot Questions (3 Questions)

Question 1

On a **coordinate grid**, plot and identify the **reflection** of the point (3,2) across the **x-axis**.

Question 2

On a **pie chart** representing a budget, select the sector that corresponds to **50% of the total**.

Question 3

On a **bar graph** with four bars labeled W, X, Y, and Z, identify the bar that shows a **value of 12** on the vertical axis.

Short Answer Questions (2 Questions)

Question 1

Explain the steps to find the **greatest common divisor (GCD)** of two numbers (for example, 18 and 24).

Question 2

A train travels **240 miles** in **4 hours**. What is the **average speed** of the train in miles per hour?

Full-Length GED Practice Test: Science

Multiple-Choice Questions (25 Questions)

Question 1

Which cell organelle is primarily responsible for packaging and distributing proteins throughout the cell?

- A) Ribosome
- B) Golgi apparatus
- C) Nucleus
- D) Mitochondrion

Question 2

Which stage in the life cycle of a flowering plant involves the development of seeds within the flower's ovary?

- A) Pollination
- B) Fertilization
- C) Germination
- D) Photosynthesis

Question 3

Which of the following best describes the primary function of DNA in living organisms?

- A) Providing energy for the cell
- B) Storing and transmitting genetic information
- C) Defending against pathogens
- D) Facilitating cell movement

Question 4

Which statement about changes in matter is true?

- A) Only physical changes can be reversed.
- B) Chemical changes never involve heat.
- C) A physical change does not alter the substance's chemical identity.
- D) A chemical change never forms a new substance.

Question 5

Which characteristic commonly identifies a substance as an acid?

- A) It has a slippery feel.
- B) It tastes bitter.
- C) It turns blue litmus paper red.
- D) It forms a neutral solution with water.

Question 6

What term refers to the process by which sediment is compacted and cemented into sedimentary rock?

- A) Erosion
- B) Weathering
- C) Lithification
- D) Metamorphism

Question 7

Which gas is critical for the process of photosynthesis in plants?

- A) Oxygen (O₂)
- B) Carbon dioxide (CO₂)
- C) Nitrogen (N₂)
- D) Hydrogen (H₂)

Question 8

Which of the following best describes an ecosystem?

- A) A group of individuals of the same species living in one area
 - B) The variety of organisms in a given environment
 - C) The role an organism plays in its habitat
 - D) A community of organisms interacting with their physical environment
-

Question 9

Which law of motion explains how a rocket is propelled forward by the expulsion of gases?

- A) Newton's First Law
 - B) Newton's Second Law
 - C) Newton's Third Law
 - D) Law of Universal Gravitation
-

Question 10

What is the SI (International System of Units) unit of electric current?

- A) Volt
 - B) Ampere
 - C) Watt
 - D) Joule
-

Question 11

Which of the following statements about cells is **incorrect**?

- A) All living organisms are composed of one or more cells.
 - B) Cells come from pre-existing cells through division.
 - C) Cells require energy to carry out life processes.
 - D) All cells in multicellular organisms contain chloroplasts.
-

Question 12

In genetics, which type of cross involves examining two different traits at the same time (e.g., seed color and seed shape)?

- A) Monohybrid cross
 - B) Dihybrid cross
 - C) Test cross
 - D) Linked cross
-

Question 13

Which form of energy is stored within the bonds of molecules and can be released during a chemical reaction?

- A) Nuclear energy
- B) Thermal energy

- C) Chemical energy
 - D) Mechanical energy
-

Question 14

Which statement accurately distinguishes **climate** from **weather**?

- A) Climate refers to daily atmospheric conditions, whereas weather describes long-term trends.
 - B) Climate is the average atmospheric condition over time, whereas weather is the day-to-day state of the atmosphere.
 - C) Climate is only about temperature, whereas weather includes precipitation.
 - D) Weather only affects tropical regions, whereas climate affects all latitudes.
-

Question 15

Which planet in our solar system has the largest number of known moons?

- A) Jupiter
 - B) Mars
 - C) Earth
 - D) Venus
-

Question 16

What is the main function of the circulatory system in the human body?

- A) Maintaining balance and coordination
 - B) Circulating oxygen, nutrients, and waste products
 - C) Protecting the body against diseases and infections
 - D) Sending chemical signals throughout the body
-

Question 17

Which factor primarily **drives** the water cycle on Earth?

- A) Evaporation from ocean floors
- B) Wind currents in the atmosphere
- C) Heat from the Sun
- D) Gravity within Earth's core

Question 18

Which process involves a liquid turning into a solid as heat is removed?

- A) Condensation
 - B) Freezing
 - C) Deposition
 - D) Sublimation
-

Question 19

Which major geological feature commonly forms at a convergent boundary between tectonic plates?

- A) Mid-ocean ridge
 - B) Rift valley
 - C) Mountain range
 - D) Transform fault
-

Question 20

Which statement describes an **adaptation**?

- A) An accidental mutation that has no effect on survival
 - B) A trait that develops due to random chance, regardless of environment
 - C) A permanent change that reduces an organism's fitness
 - D) An inherited characteristic that increases an organism's chance of survival
-

Question 21

In which layer of Earth do convection currents drive plate motion?

- A) Crust
 - B) Outer core
 - C) Mantle
 - D) Inner core
-

Question 22

Which of the following best describes the **pH scale**?

- A) A measurement of temperature differences
 - B) A measure of the electrical conductivity in a solution
 - C) A scale indicating the acidity or basicity of a solution
 - D) A way to measure the mass of chemical compounds
-

Question 23

What is the main purpose of the **nervous system**?

- A) To provide support and structure for the body
 - B) To transport nutrients to cells
 - C) To send and receive signals that coordinate body functions
 - D) To supply energy to muscle cells
-

Question 24

Which phenomenon describes the **apparent deflection of wind** due to Earth's rotation?

- A) Jet stream effect
 - B) Coriolis effect
 - C) Trade wind drift
 - D) Gyre deflection
-

Question 25

Which of the following best describes **potential energy**?

- A) The energy of motion
 - B) Energy stored in an object due to its position or state
 - C) Heat energy released during a reaction
 - D) Energy transferred between particles via collisions
-

Drag-and-Drop Questions (5 Questions)

Question 1

Match each **stage of mitosis** to its key event:

1. **Prophase**
2. **Metaphase**
3. **Anaphase**
4. **Telophase**

Options:

- A) Chromosomes line up along the cell's center.
 - B) Sister chromatids separate and move to opposite poles.
 - C) The nuclear membrane dissolves; chromatin condenses.
 - D) Two new nuclei form as chromosomes decondense.
-

Question 2

Arrange these **steps of protein synthesis** in the **correct order**:

- Translation
 - Transcription
 - mRNA leaves nucleus
 - Protein folding
-

Question 3

Match each type of **tectonic plate boundary** to its typical geological feature:

1. **Divergent boundary**
2. **Convergent boundary**
3. **Transform boundary**

Options:

- A) Plates move apart, creating mid-ocean ridges or rift valleys
 - B) Plates slide past each other, often causing earthquakes
 - C) Plates collide, forming mountain ranges or subduction zones
-

Question 4

Put these **taxonomic ranks** in **order** from **broadest** to **most specific**:

- **Class**
 - **Genus**
 - **Order**
 - **Family**
-

Question 5

Match each **domain of life** to its primary characteristic:

1. **Bacteria**
2. **Archaea**
3. **Eukarya**

Options:

- A) Single-celled, often living in extreme environments, no nucleus
 - B) Single-celled prokaryotes found in a variety of common environments
 - C) Organisms with cells containing a nucleus and membrane-bound organelles
-

Fill-in-the-Blank Questions (4 Questions)

Question 1

The organelle that **modifies, sorts, and packages** proteins for secretion is the _____.

Question 2

The process by which plants **convert sunlight** into chemical energy (sugars) is called _____.

Question 3

A _____ is a substance containing **two or more elements** chemically combined in a **fixed proportion** (e.g., H₂O).

Question 4

The temperature at which a substance changes from **liquid** to **solid** is known as its _____.

Hotspot Questions (3 Questions)

Question 1

On a labeled diagram of the **human heart**, select the **atrium** that **receives oxygenated blood** from the lungs.

Question 2

On a **climate map** of Earth, identify the region typically experiencing a **tropical monsoon** climate.

Question 3

On a **cross-sectional diagram** of Earth's layers, select the **outer core** region.

Short Answer Questions (2 Questions)

Question 1

Explain how an ecosystem's **carrying capacity** can change over time due to resource availability and environmental factors.

Question 2

Describe the **difference** between **weather** and **climate**, and provide **one example** of each.

Full-Length GED Practice Test: Social Studies

Multiple-Choice Questions (25 Questions)

Question 1

Which amendment to the U.S. Constitution abolished slavery?

- A) Tenth Amendment
 - B) Thirteenth Amendment
 - C) Fourteenth Amendment
 - D) Fifteenth Amendment
-

Question 2

Which of the following was a major effect of the 1929 Stock Market Crash in the United States?

- A) The Louisiana Purchase
 - B) The War of 1812
 - C) The Great Depression
 - D) The Civil Rights Act
-

Question 3

What was the primary reason for the Lewis and Clark Expedition (1804–1806)?

- A) To find a direct water route to Asia
 - B) To explore and map the Louisiana Territory
 - C) To recruit allies among Native American tribes
 - D) To establish new military forts in the West
-

Question 4

Which economic concept describes when the quantity supplied exceeds the quantity demanded?

- A) Surplus
 - B) Shortage
 - C) Equilibrium
 - D) Opportunity cost
-

Question 5

Which of the following statements accurately reflects the concept of checks and balances in the U.S. government?

- A) The military can override a Supreme Court decision.
 - B) The president can make laws without Congress.
 - C) Congress can override a presidential veto with a two-thirds vote.
 - D) The Supreme Court can hire and fire members of Congress.
-

Question 6

Which of the following best describes the role of a lobbyist?

- A) A government official responsible for voting on legislation
 - B) An individual or group trying to influence public policy and legislation
 - C) A federal judge interpreting the constitutionality of laws
 - D) A member of the media reporting on government activities
-

Question 7

Which civil rights leader is best known for advocating nonviolent protest and delivering the “I Have a Dream” speech?

- A) Malcolm X
 - B) Thurgood Marshall
 - C) Martin Luther King Jr.
 - D) Rosa Parks
-

Question 8

Which country was the United States allied with during World War II?

- A) Germany

- B) Japan
 - C) Italy
 - D) The United Kingdom
-

Question 9

What is **gross domestic product (GDP)**?

- A) The total value of a nation's imports minus its exports
 - B) The average income of the citizens in a nation
 - C) The total market value of all goods and services produced within a country in a given period
 - D) A measure of the population's living conditions
-

Question 10

Which U.S. Supreme Court case established the principle of judicial review?

- A) Plessy v. Ferguson
 - B) Brown v. Board of Education
 - C) Marbury v. Madison
 - D) Roe v. Wade
-

Question 11

Who was the main author of the Declaration of Independence?

- A) John Adams
 - B) Alexander Hamilton
 - C) Thomas Jefferson
 - D) James Monroe
-

Question 12

Which of the following was a major cause of World War I?

- A) The discovery of gold in California
 - B) The expansion of European alliances and militarism
 - C) A global economic depression
 - D) The signing of the Magna Carta
-

Question 13

What is the **main duty** of the executive branch of the U.S. government?

- A) To interpret laws
 - B) To enforce and carry out laws
 - C) To write and pass legislation
 - D) To amend the Constitution
-

Question 14

During the Cold War, the United States and the Soviet Union were in competition primarily over:

- A) Expansion of colonial territories
 - B) Space exploration and nuclear arms
 - C) Religious influence in the Middle East
 - D) Control of global oil reserves
-

Question 15

Which principle of government means that power is shared between the national government and the states?

- A) Checks and balances
 - B) Federalism
 - C) Electoral college
 - D) Direct democracy
-

Question 16

What was the primary goal of the Monroe Doctrine (1823)?

- A) To promote westward expansion in the U.S. territories
 - B) To warn European nations against further colonization in the Americas
 - C) To form a military alliance with England
 - D) To end the Atlantic slave trade
-

Question 17

Which landmark U.S. Supreme Court case ended segregation in public schools?

- A) Dred Scott v. Sandford
- B) Brown v. Board of Education
- C) Miranda v. Arizona
- D) Korematsu v. United States

Question 18

Which mountain range is located in the western United States?

- A) Appalachian Mountains
- B) Rocky Mountains
- C) Andes Mountains
- D) Alps

Question 19

Who has the power to declare war under the U.S. Constitution?

- A) The President
- B) The Supreme Court
- C) The Secretary of Defense
- D) Congress

Question 20

Which of the following best describes a **command economy**?

- A) Businesses are owned by private individuals who set prices based on competition.
- B) Economic activity is primarily based on custom and tradition.
- C) The government makes all major decisions about production and distribution.
- D) Supply and demand determine prices without government intervention.

Question 21

Which event led the United States to enter World War II?

- A) The German invasion of Poland
- B) Japan's attack on Pearl Harbor
- C) The sinking of the RMS Lusitania
- D) The Battle of Stalingrad

Question 22

Which group primarily advocated for the right of women to vote in the United States during the late 19th and early 20th centuries?

- A) Abolitionists
- B) Federalists
- C) Suffragists
- D) Loyalists

Question 23

In economics, what is **opportunity cost**?

- A) The cost of producing one additional unit of a good
- B) The highest-valued alternative given up when a choice is made
- C) The difference between a product's wholesale and retail price
- D) The total cost of all goods produced in a factory

Question 24

Which of the following is NOT a power of the legislative branch in the United States?

- A) Writing federal laws
- B) Impeaching federal officials
- C) Interpreting the constitutionality of laws
- D) Approving treaties

Question 25

What was the main purpose of the **Marshall Plan** after World War II?

- A) To provide military aid to Asia
- B) To rebuild and revive war-torn European economies
- C) To create a permanent military alliance with Africa
- D) To establish diplomatic relations with South America

Drag-and-Drop Questions (4 Questions)

Question 1

Match each historical document to its primary purpose:

- Declaration of Independence → []
- U.S. Constitution → []
- Bill of Rights → []

Options:

- A) Guarantees individual freedoms
- B) Declares separation from British rule
- C) Establishes the framework of the national government

Question 2

Arrange the following U.S. wars in chronological order:

- Civil War
- American Revolution
- World War II
- War of 1812

Question 3

Match each branch of the U.S. government to its function:

- Legislative → []
- Executive → []
- Judicial → []

Options:

- A) Enforces the laws
- B) Interprets the laws
- C) Makes the laws

Question 4

Order these amendments to the U.S. Constitution by their adoption:

- Women's right to vote
- Abolishment of slavery
- Freedom of speech
- Voting rights for African Americans

Fill-in-the-Blank Questions (3 Questions)

Question 1

The movement that aimed to end racial segregation and discrimination in the U.S. during the 1950s and 1960s was called the _____.

Question 2

The Louisiana Purchase doubled the size of the United States and was completed in the year _____.

Question 3

The Great Depression began in _____ with the stock market crash.

Drop-Down Questions (3 Questions)

Question 1

The Cold War was primarily a conflict between [select: the U.S. and Japan, the U.S. and Soviet Union, the U.S. and China, the U.S. and Germany].

Question 2

The economic system in which individuals and businesses make most of the economic decisions is called [select: socialism, communism, capitalism, feudalism].

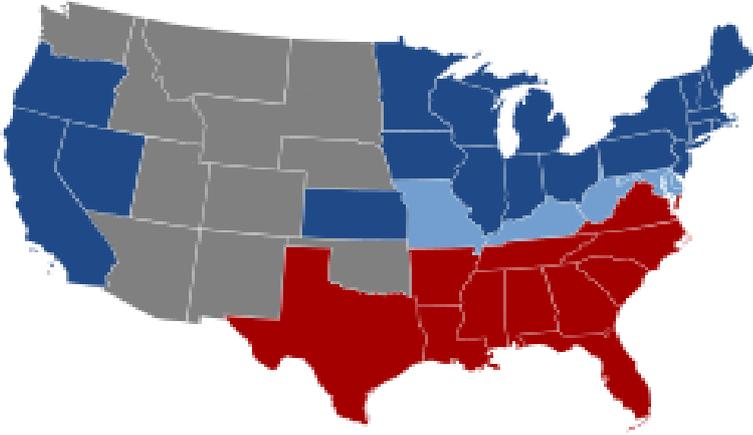
Question 3

The U.S. Civil Rights Act, which banned discrimination in public places, was passed in [select: 1945, 1954, 1964, 1972].

Hotspot Questions (2 Questions)

Question 1

On a map of the United States, identify the state where the first shots of the American Civil War were fired (Fort Sumter).



Question 2

On a world map, select the country that was the primary adversary of the U.S. during the Cold War.



Extended Response (Short Essay)

Question

Analyze the impact of the Civil Rights Act of

1964 on American society. Discuss how this legislation addressed racial discrimination, its role in the Civil Rights Movement, and its

influence on subsequent laws promoting equality.

EXAM 6:

Full-Length GED Practice Test: Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (30 Questions)

- Which sentence is capitalized correctly?**
 - the governor spoke at City Hall on Tuesday.
 - The governor spoke at city hall on Tuesday.
 - The Governor spoke at City Hall on Tuesday.
 - The governor spoke at City Hall on Tuesday.
- Which sentence best combines these two ideas?**

She finished writing her report. She then proofread it for errors.

 - She finished writing her report, she proofread it for errors.
 - She finished writing her report and proofreading it.
 - After finishing her report, she proofread it for errors.
 - Finishing her report, she proofread for errors.
- What is the main idea of the following passage?**

“Many cities are introducing bike-share programs to reduce traffic congestion. These programs encourage people to use bicycles for short trips instead of cars, helping to decrease air pollution and promote health.”

 - Bicycles are too expensive for most people.
 - Bike-share programs are being introduced to help reduce traffic.
 - Public transportation is more efficient than bike-share systems.
 - Driving cars is better for short trips.
- Which of the following words is spelled incorrectly?**
 - Acknowledge
 - Repitition
 - Embassy
 - Spectacle
- What does “alleviate” mean in this sentence?**

“The new park was designed to alleviate some of the crowding in the old playground.”

 - Intensify
 - Expand
 - Relieve
 - Monitor
- Choose the best revision for the underlined phrase:**

“During the ceremony, the speaker concluded his speech by *saying the same statement again and again.*”

 - repeating himself
 - repeating it repetitively
 - speaking his statement over again
 - said the same statement
- Which sentence demonstrates correct subject-verb agreement?**
 - The students in the club meets once a week.
 - The students in the club meet once a week.
 - The student in the club meet once a week.
 - The students in the clubs meets once a week.
- What is the tone of this sentence?**

“After so many setbacks, the coach’s steady encouragement felt like a ray of sunshine.”

 - Pessimistic
 - Encouraging
 - Angry
 - Sarcastic
- Which sentence contains a simile?**
 - The classroom was a jungle of chaotic activity.
 - His voice was thunder echoing through the auditorium.

- C) Her eyes sparkled like diamonds.
D) The clouds wept all afternoon.
10. **Identify a supporting detail in the paragraph:**
“Social media has transformed the way people communicate. It allows individuals to connect instantly, share experiences, and organize events with ease. However, some critics argue it can lead to information overload.”
A) Social media has transformed communication.
B) It allows individuals to connect instantly.
C) Some critics argue about information overload.
D) Social media can be distracting.
11. **Which of the following is written in the passive voice?**
A) The community renovated the old library.
B) The old library was renovated by the community.
C) The old library is undergoing renovations.
D) The community renovates the old library every year.
12. **Which of the following best reflects a story’s theme about the dangers of unchecked ambition?**
A) The character quits a job because it’s too stressful.
B) The character’s desire for power leads to destructive consequences.
C) The character only works hard enough to pass the final exam.
D) The character decides to move to another city for a fresh start.
13. **Choose the transition word that best fits this sentence:**
“He forgot his umbrella. _____, he was drenched by the sudden downpour.”
A) Nevertheless
B) Consequently
C) However
D) In contrast
14. **What is the primary purpose of an expository essay?**
A) To persuade the reader to take a specific action
B) To narrate a personal story
C) To explain or inform the reader about a topic
D) To entertain the reader with imaginative details
15. **Which homophone correctly completes the sentence?**
“I would like to visit my grandparents because _____ house is always filled with laughter.”
A) they’re
B) their
C) there
D) they
16. **Which sentence uses punctuation correctly?**
A) My friend loves pizza; however he’s allergic to cheese.
B) My friend loves pizza however; he’s allergic to cheese.
C) My friend loves pizza; however, he’s allergic to cheese.
D) My friend loves pizza however he’s allergic to cheese.
17. **What type of sentence is this?**
“We stayed up late watching movies, and we slept in the next day.”
A) Simple
B) Compound
C) Complex
D) Compound-complex
18. **What is the best synonym for “perplexed”?**
A) Confused
B) Delighted
C) Angered
D) Relaxed
19. **Which sentence contains an error in verb tense?**
A) I forgot to lock the door before I left.
B) She is writing a novel about her travels.
C) They will attend the concert next Friday.
D) He drives to the store yesterday evening.
20. **What is the effect of using a third-person omniscient point of view in a narrative?**
A) The narrator only knows the main

- character's thoughts.
- B) The narrator is a character in the story who speaks directly to the reader.
- C) The narrator knows the thoughts and feelings of all characters.
- D) The narrator writes from a second-person perspective.
21. **What is the main idea of the paragraph?**
 "Technology has accelerated the pace of globalization, making it easier to connect with people around the world. Through the internet and mobile devices, businesses can reach international customers, and individuals can share ideas instantly."
 A) Technology is expensive for small businesses.
 B) The world is now more connected due to technological advances.
 C) Mobile devices harm communication.
 D) Globalization is slowing down.
22. **Which sentence is a fragment?**
 A) Because everyone loved the new dessert.
 B) He revised his essay before submitting it.
 C) They finished building the shed yesterday.
 D) We should order more supplies for next week.
23. **Why do authors use sensory details in descriptive writing?**
 A) To keep the writing concise and technical
 B) To persuade the reader using facts and statistics
 C) To help the reader visualize and experience the scene
 D) To make the text sound more academic
24. **Which sentence uses parallel structure?**
 A) I enjoy swimming, biking, and to run in the mornings.
 B) I enjoy swimming, biking, and running in the mornings.
 C) I enjoy to swim, biking, and running in the mornings.
 D) I enjoy swimming and to bike and running in the mornings.
25. **What is the purpose of a topic sentence in a paragraph?**
 A) To provide concluding thoughts
 B) To introduce the central idea of the paragraph
 C) To cite the sources used in the paragraph
 D) To ask a rhetorical question
26. **Choose the sentence that uses an idiom correctly:**
 A) Her words were music to my ears when she literally started singing.
 B) I heard through the grapevine that you got the promotion.
 C) The clouds rained cats and dogs all day.
 D) I believe you cut corners by using sharper scissors.
27. **Which is the best way to revise this sentence for clarity?**
 "My brother read, took notes, and was summarizing the article carefully."
 A) My brother read the article, took notes, and carefully summarizing it.
 B) My brother read, took notes, and summarized the article carefully.
 C) My brother read the article carefully and took notes, summarizing.
 D) My brother was summarizing, took notes, and read carefully the article.
28. **In literary analysis, what does "foreshadowing" mean?**
 A) A technique where future events are hinted at early in the narrative
 B) An interruption in the plot to show past events
 C) An exaggerated description that isn't meant to be taken literally
 D) A direct comparison using "like" or "as"
29. **Which sentence includes a dependent clause?**
 A) We danced all night at the party.
 B) If it rains, we'll move the picnic indoors.
 C) The children ran around the park.
 D) My sister teaches math at the high school.

30. Which statement is an example of a strong persuasive claim?

- A) Some people prefer to exercise in the morning.
- B) You should exercise daily because it reduces stress and improves overall

health.

- C) Exercise involves physical activity such as running, cycling, or yoga.
- D) Doctors note that exercise is beneficial for most individuals.

Drop-Down Questions (5 Questions)

Question 1

In a narrative essay, dialogue is used primarily to [select: provide factual evidence, highlight the conflict, give background details, quote from research].

Question 2

An author's purpose in a descriptive passage is to [select: persuade the reader, entertain with humor, depict a scene vividly, argue a point of view].

Question 3

When an essay includes counterarguments, it is likely a(n) [select: argumentative essay, descriptive essay, narrative essay, expository essay].

Question 4

An effective introduction often ends with [select: a concluding statement, a thesis statement, a rebuttal paragraph, the most important quotation].

Question 5

When authors "show, not tell" in their writing, they rely on [select: abstract concepts, vague language, sensory details, only logical appeals].

Fill-in-the-Blank Questions (5 Questions)

Question 1

A _____ source is an account of an event by someone who experienced it firsthand.

Question 2

A _____ sentence typically contains one independent clause and no dependent clauses.

Question 3

The character who opposes the protagonist and creates conflict is known as the _____.

Question 4

The _____ is the emotional atmosphere or feeling created by a literary work.

Question 5

When planning an essay, creating an _____ helps organize main ideas and supporting details.

Extended Response (Essay)

Prompt:

“Reading fiction can provide unique insights into human nature that nonfiction texts may not capture as vividly. Some educators believe that exposure to novels and short stories develops empathy and critical thinking, while others argue that more factual or technical readings are better for academic progress. Analyze the value of reading fiction in an educational setting. Discuss potential benefits, address possible drawbacks, and present your viewpoint on whether fiction should remain a core part of curricula.”

Task:

Write a well-organized essay examining the role of fiction in education. Use specific examples or experiences to support your argument, and consider counterarguments to create a balanced discussion.

Full-Length GED Practice Test: Mathematical Reasoning

Multiple-Choice Questions (25 Questions)

Question 1

What is $36 \div 4$?

- A) 6
 - B) 7
 - C) 9
 - D) 12
-

Question 2

What is $\sqrt{225}$?

- A) 13
 - B) 14
 - C) 15
 - D) 16
-

Question 3

If $x + 9 = 18$, what is the value of x ?

- A) 7
 - B) 8
 - C) 9
 - D) 10
-

Question 4

Which of the following is equivalent to $2x + 6x$?

- A) $2(6x)$
 - B) $8x$
 - C) $4x^2$
 - D) x^8
-

Question 5

A rectangle has a length of 6 cm and a width of 5 cm. What is its area?

- A) 30 cm^2
 - B) 11 cm^2
 - C) 24 cm^2
 - D) 60 cm^2
-

Question 6

What is 30% of 150?

- A) 30
 - B) 35
 - C) 45
 - D) 50
-

Question 7

If a triangle has angles measuring 60° and 45° , what is the measure of the third angle?

- A) 75°
 - B) 85°
 - C) 90°
 - D) 105°
-

Question 8

What is the greatest common divisor (GCD) of 12 and 18?

- A) 2
 - B) 3
 - C) 6
 - D) 9
-

Question 9

Simplify $5x \times 2x$.

- A) $5x^2$
 - B) $10x^2$
 - C) $10x$
 - D) $7x$
-

Question 10

If $y = 4x + 1$, what is the value of y when $x = 6$?

- A) 24
- B) 25
- C) 26
- D) 28

Question 11

Convert $\frac{7}{8}$ to a decimal.

- A) 0.875
 - B) 0.70
 - C) 0.80
 - D) 0.87
-

Question 12

A store offers a 15% discount on a \$40 item. What is the sale price?

- A) \$34
 - B) \$30
 - C) \$32
 - D) \$28
-

Question 13

What is 4^2 ?

- A) 8
 - B) 16
 - C) 12
 - D) 6
-

Question 14

Solve for x : $2x - 3 = 9$.

- A) 2
 - B) 3
 - C) 6
 - D) 9
-

Question 15

What is the volume of a cube with a side length of 4 cm?

- A) 12 cm^3
 - B) 16 cm^3
 - C) 64 cm^3
 - D) 32 cm^3
-

Question 16

What is the value of $6 \div 2 + 3$?

- A) 3
- B) 6
- C) 5
- D) 7

Question 17

A line passes through the points (2,4) and (4,10). What is its slope?

- A) 3
 - B) 2
 - C) 4
 - D) 6
-

Question 18

What is $8 \times (3 + 4)$?

- A) 24
 - B) 28
 - C) 32
 - D) 56
-

Question 19

A circle has a radius of 5 cm. Using $\pi = 3.14$, what is its circumference?

- A) 15.70 cm
 - B) 25.12 cm
 - C) 31.40 cm
 - D) 78.50 cm
-

Question 20

If $x = 3$, what is the value of $2x^2 + 4x + 1$?

- A) 28
 - B) 31
 - C) 19
 - D) 7
-

Question 21

Solve for y if $3y + 6 = 18$.

- A) 4
 - B) 3
 - C) 2
 - D) 6
-

Question 22

What is $\frac{4}{5} \div \frac{2}{3}$?

- A) $\frac{8}{15}$
- B) $\frac{6}{5}$

- C) $\frac{2}{3}$
D) $\frac{4}{5}$
-

- A) $3x$
B) $5x$
C) $7x$
D) $11x$
-

Question 23

What is the mean of the data set: 2, 4, 6, 8, 10?

- A) 5
B) 6
C) 8
D) 10
-

Question 25

Which of the following is equivalent to $\frac{9}{27}$?

- A) $\frac{1}{2}$
B) $\frac{1}{3}$
C) $\frac{3}{9}$
D) $\frac{9}{9}$

Question 24

Simplify $7x - 3x + x$.

Drag-and-Drop Questions (6 Questions)

Question 1

Match each three-dimensional shape to its correct formula for **volume**:

- Rectangular Prism → []
- Cylinder → []
- Sphere → []

Options:

- A) $\pi r^2 h$
B) $\ell \times w \times h$
C) $\frac{4}{3}\pi r^3$
-

Question 2

Arrange the steps to **solve the equation** $2(x + 4) = 14$ in the correct order:

- Subtract 8 from both sides → []
 - Distribute 2 across the parentheses → []
 - Solve for x → []
-

Question 3

Match each geometry term to its definition:

- Parallel Lines → []
- Perpendicular Lines → []
- Intersecting Lines → []

Options:

- A) Lines that cross at exactly 90°
 - B) Lines that never meet or cross
 - C) Lines that cross at any angle
-

Question 4

Order the following decimals from **smallest to largest**:

- $0.25 \rightarrow [\quad]$
 - $0.375 \rightarrow [\quad]$
 - $0.4 \rightarrow [\quad]$
-

Question 5

Match each type of **transformation** to its description:

- Reflection $\rightarrow [\quad]$
- Rotation $\rightarrow [\quad]$
- Translation $\rightarrow [\quad]$

Options:

- A) Flipping a figure over a line
 - B) Shifting a figure without rotating or flipping
 - C) Turning a figure about a fixed point
-

Question 6

Arrange the steps for **converting a mixed number to an improper fraction** (for example, $2\frac{1}{3}$):

- Multiply the whole number by the denominator $\rightarrow [\quad]$
 - Add the original numerator to that product $\rightarrow [\quad]$
 - Place the result over the original denominator $\rightarrow [\quad]$
-

Fill-in-the-Blank Questions (5 Questions)

1. The ratio of a circle's circumference to its diameter is called _____.
 2. According to the Pythagorean theorem, in a right triangle $a^2 + b^2 = \text{_____}^{**}$.
 3. A _____ number is one that can only be divided evenly by 1 and itself.
 4. The point $((0,0))$ where the x-axis and y-axis intersect is known as the _____.
 5. The square root of 2 is an example of an _____ number because it cannot be expressed as a fraction.
-

Hotspot Questions (3 Questions)

1. On a **coordinate plane**, identify the point $(-1,4)$.

2. On a **bar chart** comparing four different cities' populations, select the bar that represents the **largest** population.
 3. On a **line graph** showing temperature changes over seven days, select the point that indicates the **highest** temperature.
-

Short Answer Questions (2 Questions)

1. Explain how to find the greatest common divisor (GCD) of two numbers.
2. Describe the difference between a line and a line segment in geometry.

Full-Length GED Practice Test: Science

Multiple-Choice Questions (25 Questions)

- Which of the following is an example of a producer in an ecosystem?**
 - A hawk
 - A maple tree
 - A mushroom
 - A snake
- What do we call organisms that feed on dead and decaying matter, returning nutrients to the soil?**
 - Predators
 - Consumers
 - Decomposers
 - Producers
- Which of the following is an example of a chemical property of matter?**
 - Color
 - Flammability
 - Shape
 - Density
- What type of cell lacks a nucleus and other membrane-bound organelles?**
 - Prokaryotic cell
 - Eukaryotic cell
 - Animal cell
 - Plant cell
- Which gas is primarily responsible for trapping heat in the Earth's atmosphere, contributing to the greenhouse effect?**
 - Oxygen
 - Nitrogen
 - Carbon Dioxide
 - Argon
- Which of the following best describes how energy flows through an ecosystem?**
 - It flows from consumers to producers.
 - It flows from tertiary consumers to the Sun.
 - It flows from producers to consumers in a one-way path.
 - It cycles repeatedly between producers and consumers.
- Which phase of mitosis involves the chromosomes lining up in the center of the cell?**
 - Prophase
 - Metaphase
 - Anaphase
 - Telophase
- When iron rusts, it combines with oxygen to form iron oxide. This process is an example of a(n) _____.**
 - physical change
 - phase change
 - chemical change
 - reversible change
- Which type of rock is formed by layers of sediment being compressed over time?**
 - Igneous rock
 - Sedimentary rock
 - Metamorphic rock
 - Volcanic rock
- Which of the following statements is true about viruses?**
 - They have cells that can reproduce on their own.
 - They can grow and develop without a host.
 - They are considered non-living because they require a host cell to reproduce.
 - They perform photosynthesis for energy.
- Which particle in an atom is negatively charged?**
 - Proton
 - Electron
 - Neutron
 - Nucleus
- Which characteristic is shared by mammals, birds, and reptiles?**
 - They all have hair.
 - They are all warm-blooded.
 - They all lay eggs.
 - They all have vertebrae (a backbone).

13. **What is the primary cause of seasons on Earth?**
A) Changes in the sun's temperature
B) The Earth's tilted axis of rotation
C) Variations in ocean currents
D) The distance between the Earth and the moon
14. **Which of the following best defines kinetic energy?**
A) Energy due to an object's position
B) Stored energy in chemical bonds
C) Energy of motion
D) Heat energy
15. **How does a catalyst affect a chemical reaction?**
A) It increases the amount of product formed.
B) It lowers the activation energy, speeding up the reaction.
C) It raises the activation energy, slowing down the reaction.
D) It is consumed by the reaction to form the product.
16. **Which kingdom includes multicellular organisms that make their own food using photosynthesis?**
A) Animalia
B) Fungi
C) Plantae
D) Protista
17. **What is an effect of ocean acidification on marine ecosystems?**
A) Lower water temperatures
B) Improved coral growth
C) Decreased shell formation in some organisms
D) Rapid decomposition of organic material
18. **Which statement is correct regarding speed and velocity?**
A) Speed describes magnitude only, while velocity includes both magnitude and direction.
B) Speed and velocity both require a direction.
C) Velocity measures distance, and speed measures displacement.
D) Speed includes direction, whereas velocity does not.
19. **What is the most abundant element in the universe?**
A) Hydrogen
B) Oxygen
C) Carbon
D) Helium
20. **Which of the following events represents an exothermic reaction?**
A) Water boiling
B) Ice melting
C) An instant cold pack activating
D) A fire releasing heat and light
21. **Which organelle is known as the "powerhouse" of the cell?**
A) Nucleus
B) Mitochondrion
C) Ribosome
D) Golgi apparatus
22. **How are metamorphic rocks formed?**
A) From cooling lava or magma
B) From the breakdown of organic matter
C) From layers of sediment compacting under pressure
D) From existing rocks altered by heat and pressure
23. **Which statement best describes the role of chloroplasts in plant cells?**
A) They store genetic information.
B) They convert solar energy into chemical energy (sugars).
C) They provide structural support to the cell.
D) They break down waste materials.
24. **Which of the following is an example of natural selection?**
A) Humans breeding dogs for specific traits
B) A random mutation that does not affect survival
C) Bacteria that survive an antibiotic become more common
D) An organism changing its behavior within its lifetime
25. **Which factor can influence the speed of a chemical reaction?**
A) Temperature
B) Presence of oxygen
C) Light wavelength
D) All of the above

Drag-and-Drop Questions (6 Questions)

Question 1

Match each planet to its description:

- Mars → []
- Venus → []
- Jupiter → []

Options:

- A) Largest planet in the solar system
- B) Known as the "Red Planet"
- C) Known for its thick, toxic atmosphere

Question 2

Match each type of energy with its example:

- Kinetic Energy → []
- Potential Energy → []
- Thermal Energy → []

Options:

- A) A rolling ball
- B) Heat from a stove
- C) A rock at the edge of a cliff

Question 3

Arrange the steps of the scientific method in the correct order:

- Form a hypothesis → []
- Conduct an experiment → []
- Draw conclusions → []
- Observe and question → []

Question 4

Match each rock type to its formation process:

- Igneous → []
- Sedimentary → []
- Metamorphic → []

Options:

- A) Cooling of magma or lava

- B) Compression of sediments
- C) Heat and pressure

Question 5

Arrange the stages of the water cycle:

- Evaporation → []
- Condensation → []
- Precipitation → []

Question 6

Match each organelle to its function:

- Mitochondria → []
- Nucleus → []
- Ribosome → []

Options:

- A) Produces energy for the cell
- B) Controls cell activities and contains DNA
- C) Synthesizes proteins

Fill-in-the-Blank Questions (5 Questions)

Question 1

The process by which green plants make their own food using sunlight is called _____.

Question 2

The _____ is the outermost layer of the Earth.

Question 3

The organ system responsible for transporting oxygen and nutrients throughout the body is the _____.

Question 4

Newton's third law of motion states that for every action, there is an equal and opposite _____.

Question 5

The smallest unit of an element that retains the properties of that element is called a(n) _____.

Hotspot Questions (4 Questions)

Question 1

On a diagram of the water cycle, select the area that represents "Evaporation."

Question 2

On a chart of the human body systems, identify the circulatory system.

Question 3

On a diagram of Earth's layers, select the "Mantle."

Question 4

On a pie chart showing energy sources (Solar: 30%, Coal: 25%, Wind: 20%, Nuclear: 15%, Natural Gas: 10%), select the segment with the largest percentage.

Short Answer Questions (2 Questions)

Question 1

Explain the difference between renewable and nonrenewable energy resources, and provide an example of each.

Question 2

Describe how a solar eclipse occurs.

Full-Length GED Practice Test: Social Studies

Multiple-Choice Questions (25 Questions)

- Which document first established a national framework of government for the United States before the Constitution?**
 - The Virginia Declaration of Rights
 - The Articles of Confederation
 - The Monroe Doctrine
 - The Northwest Ordinance
- Who wrote the influential pamphlet “Common Sense,” which argued for American independence?**
 - John Jay
 - Thomas Paine
 - Patrick Henry
 - James Madison
- Which branch of the U.S. government has the power to interpret laws and determine their constitutionality?**
 - Legislative
 - Executive
 - Judicial
 - Administrative
- What is the highest court in the United States?**
 - The Court of Appeals
 - The Supreme Court
 - The District Court
 - The Circuit Court
- Which compromise at the Constitutional Convention resulted in a two-house legislature?**
 - The Three-Fifths Compromise
 - The Great Compromise
 - The Missouri Compromise
 - The Commerce Compromise
- Which of the following is a fundamental principle of capitalism?**
 - Central government planning
 - Private ownership of resources
 - Elimination of competition
 - Fixed pricing by the government
- What was the primary objective of the women’s suffrage movement in the early 20th century?**
 - Property ownership rights
 - Equal pay in the workplace
 - The right to vote
 - Access to higher education
- Which U.S. President issued the Monroe Doctrine, warning European nations against colonization in the Americas?**
 - James Monroe
 - John Quincy Adams
 - Andrew Jackson
 - James Madison
- Which of the following best describes the Jim Crow laws in the southern United States?**
 - Laws that granted voting rights to African Americans
 - Policies promoting economic growth
 - Segregation laws that enforced racial separation
 - Regulations overseeing fair labor practices
- What major event forced the United States out of its initial neutrality during World War II?**
 - The invasion of Poland by Germany
 - The bombing of Pearl Harbor
 - The Siege of Stalingrad
 - The Battle of Britain
- Which economic term describes a decline in the general level of prices, often linked with reduced consumer spending?**
 - Inflation
 - Deflation
 - Recession
 - Stagflation
- Which region did the United States acquire as a result of the Louisiana Purchase in 1803?**
 - Territory in the southwest, including Texas
 - Florida from Spain
 - Vast land west of the Mississippi

- River
D) Land northwest of the Great Lakes
13. **Which constitutional amendment ensures freedom of speech, religion, and the press?**
 - A) First Amendment
 - B) Second Amendment
 - C) Fourth Amendment
 - D) Fifth Amendment
 14. **What was a major cause of the American Civil War?**
 - A) Disputes over tariffs with European nations
 - B) Arguments about the proper role of education
 - C) Conflicts over slavery and states' rights
 - D) Competition for territory in the West
 15. **What does the term "manifest destiny" refer to in U.S. history?**
 - A) The idea that the United States was destined to expand across North America
 - B) The belief that European colonization was inevitable
 - C) The theory that industrial growth was essential for progress
 - D) The notion that each state should be independent
 16. **Who was responsible for the New Deal programs aimed at restoring the U.S. economy during the Great Depression?**
 - A) Calvin Coolidge
 - B) Franklin D. Roosevelt
 - C) Woodrow Wilson
 - D) Harry S. Truman
 17. **What was the main goal of the Marshall Plan after World War II?**
 - A) To provide military aid to former enemy countries
 - B) To punish Germany and other Axis powers
 - C) To rebuild and stabilize war-torn European economies
 - D) To develop nuclear weapons in Europe
 18. **Which Supreme Court decision declared that racial segregation in public schools was unconstitutional?**
 - A) Plessy v. Ferguson
 - B) Brown v. Board of Education
 - C) Dred Scott v. Sandford
 - D) Roe v. Wade
 19. **What is the role of a lobbyist in the political process?**
 - A) Casting votes in Congress
 - B) Deciding court rulings
 - C) Trying to influence lawmakers and legislation
 - D) Overseeing federal agencies
 20. **Which concept involves dividing power between national and state governments?**
 - A) Federalism
 - B) Popular sovereignty
 - C) Checks and balances
 - D) Judicial review
 21. **Which President is most associated with the "Square Deal," focusing on consumer protection, conservation, and controlling corporations?**
 - A) Theodore Roosevelt
 - B) William Howard Taft
 - C) Franklin D. Roosevelt
 - D) Woodrow Wilson
 22. **Which development sparked the beginning of the Industrial Revolution in the United States?**
 - A) The creation of the cotton gin
 - B) The end of World War I
 - C) The discovery of gold in California
 - D) The signing of the Emancipation Proclamation
 23. **What did the 19th Amendment to the U.S. Constitution achieve?**
 - A) Prohibited the manufacture and sale of alcohol
 - B) Granted African American men the right to vote
 - C) Guaranteed women the right to vote
 - D) Ended poll taxes
 24. **Which term refers to the general increase in prices and decrease in purchasing power of money over time?**
 - A) Inflation
 - B) Recession
 - C) Deficit
 - D) Credit

25. Which conflict was dubbed “the war to end all wars” but ultimately led to significant changes in global power dynamics?

- A) War of 1812
- B) World War I
- C) World War II
- D) The Vietnam War

Drag-and-Drop Questions (5 Questions)

Question 1

Match each **historical figure** to the **key event or contribution** they are most famously associated with:

- **Thomas Jefferson** → []
- **Frederick Douglass** → []
- **Susan B. Anthony** → []

Options:

- A) A leading voice in the abolitionist movement
 - B) Author of the Declaration of Independence
 - C) Pioneering activist for women’s suffrage
-

Question 2

Arrange these **U.S. wars** in **chronological order** (earliest to latest):

- **Mexican–American War** → []
 - **World War I** → []
 - **Korean War** → []
-

Question 3

Match each **Founding Principle** to its **description**:

- **Federalism** → []
- **Popular Sovereignty** → []
- **Checks and Balances** → []

Options:

- A) People hold the ultimate power through voting
 - B) Division of power between national and state governments
 - C) Each branch can limit the power of the other branches
-

Question 4

Match each **Progressive Era reform** to its **main focus**:

- **Pure Food and Drug Act** → []
- **Clayton Antitrust Act** → []
- **Meat Inspection Act** → []

Options:

- A) Strengthened laws against monopolies
 - B) Required accurate labeling and standards for medications
 - C) Mandated sanitary conditions in meatpacking
-

Question 5

Arrange the following **women's suffrage milestones** in **chronological order**:

- **Seneca Falls Convention (1848)** → []
 - **Formation of the National American Woman Suffrage Association (NAWSA, 1890)** → []
 - **Ratification of the 19th Amendment (1920)** → []
-

Fill-in-the-Blank Questions (5 Questions)

1. The phrase “_____” was used in the 19th century to justify American expansion westward, suggesting it was a divinely ordained right.
 2. The **Reconstruction Era** followed the U.S. _____ War and focused on rebuilding the nation and integrating formerly enslaved individuals into society.
 3. _____ is the idea that the government receives its power from the consent of the governed, often expressed through voting.
 4. The **Supreme Court case** that upheld racial segregation under the doctrine of “separate but equal” was _____ **v. Ferguson**.
 5. The _____ was an 18th-century movement emphasizing reason and individualism over tradition, influencing the Founding Fathers.
-

Drop-Down Questions (4 Questions)

1. The U.S. acquisition of the **Louisiana Territory** occurred in [select: **1803**, 1812, 1848].
2. The **main goal** of the Monroe Doctrine was to [select: encourage westward expansion, warn European nations against further colonization, promote states' rights].
3. **Who** primarily enforces federal laws in the United States?
[select: **Executive branch**, Legislative branch, Judicial branch].
4. **Which** constitutional amendment guarantees the right to bear arms?
[select: 1st Amendment, **2nd Amendment**, 4th Amendment].

Hotspot Questions (3 Questions)

1. **On a U.S. map**, select the **state** in which the **Battle of Gettysburg** took place.
 2. **On a timeline of the 19th century**, click the **year** the **Missouri Compromise** was enacted (1820).
 3. **On a chart** showing the **three branches of the U.S. government**, select the section that represents the **branch responsible for creating laws** (Legislative).
-

Extended Response (Short Essay)

Question

Analyze the significance of the women's suffrage movement in shaping contemporary American society. In your response, discuss key individuals and organizations involved, major legislative achievements, and lasting cultural impacts. Consider how the movement's efforts influenced later social and political reforms.

EXAM 7:

Full-Length GED Practice Test: Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (30 Questions)

- Which sentence most clearly expresses the main idea of a paragraph discussing space exploration?**
 - Satellites orbit the Earth at various altitudes.
 - Space exploration helps us understand our universe and advances technology on Earth.
 - Telescope technology has improved significantly in recent decades.
 - Astronauts must undergo rigorous training before traveling into space.
- Which sentence contains a subject-verb agreement error?**
 - My friends are meeting me for lunch.
 - The committee have decided to postpone the event.
 - The boxes in the attic were filled with old photographs.
 - Neither of the dogs is barking right now.
- Which transitional phrase is most appropriate in this sentence?**

“The new policy will reduce costs. _____, it will also enhance security.”

 - In contrast
 - Nonetheless
 - Moreover
 - For instance
- Which sentence uses correct parallel structure?**
 - The tasks include writing the report, meeting with clients, and to plan a presentation.
 - The tasks include to write the report, meeting with clients, and planning a presentation.
 - The tasks include writing the report, meeting with clients, and planning a presentation.
 - The tasks include write the report, meet with clients, and planning a presentation.
- Which word best fits the blank in this sentence?**

“Her relentless determination was _____; she refused to give up, even when facing setbacks.”

 - commendable
 - sporadic
 - excessive
 - negligible
- Which sentence is written in passive voice?**
 - The construction workers completed the new bridge last week.
 - The new bridge was completed by the construction workers last week.
 - The new bridge will be completed soon.
 - The construction workers will complete the new bridge next month.
- Which point of view is demonstrated by using “I” and “we” in the narrative?**
 - First-person
 - Second-person
 - Third-person limited
 - Third-person omniscient
- What is the best definition of the word “resilient”?**
 - Easily broken or damaged
 - Able to return to an original shape or condition
 - Unwilling to adapt or change
 - Filled with resentment
- Which sentence contains a comma splice?**
 - We took a long walk in the park, and then we went home.

- B) The store was out of milk, we had to buy almond milk instead.
 C) After finishing dinner, they washed the dishes together.
 D) Mark studied for the exam, so he felt prepared.
10. **What is the primary purpose of the thesis statement in an essay?**
 A) To present the main argument or claim
 B) To summarize key examples used in the conclusion
 C) To list all the sources cited in the paper
 D) To provide counterarguments against the main claim
11. **Which sentence is in the future perfect tense?**
 A) I will visit my grandparents tomorrow.
 B) She has finished her homework already.
 C) They will have eaten dinner by the time we arrive.
 D) We are flying to Chicago next week.
12. **Which phrase from the sentence is a prepositional phrase?**
“The cat slept under the warm blanket all afternoon.”
 A) The cat slept
 B) under the warm blanket
 C) all afternoon
 D) warm blanket
13. **Which of the following is an exclamatory sentence?**
 A) I can’t believe we won the game!
 B) Please close the door when you leave.
 C) Did you finish your homework?
 D) She enjoys reading books about history.
14. **What is the primary purpose of the conclusion in an expository essay?**
 A) To introduce new evidence
 B) To restate and summarize the main points
 C) To outline the opposing viewpoints
 D) To provide citations for sources
15. **Which word is spelled incorrectly?**
 A) Guarrantee
 B) Preliminary
 C) Entrepreneur
 D) Environment
16. **Select the correct homophone to complete the sentence:**
“He picked up _____ coat by mistake and left his own behind.”
 A) there
 B) they’re
 C) their
 D) theirs
17. **Which sentence uses a coordinating conjunction correctly?**
 A) I woke up early, but prepared for the party.
 B) The library is open now, yet we still cannot check out books.
 C) She wants to learn French for traveling and for her job.
 D) Either we will attend the festival and we will stay at home.
18. **Which form of punctuation introduces a list or emphasizes a point?**
 A) Semicolon
 B) Colon
 C) Dash
 D) Comma
19. **Which sentence has an error in subject-verb agreement?**
 A) The group of students plans to go on a field trip.
 B) One of these laptops belong to me.
 C) Nobody wants to miss the conference tomorrow.
 D) All of my friends are meeting at the café later.
20. **Which literary device is illustrated by “Buzz” and “Click”?**
 A) Onomatopoeia
 B) Foreshadowing
 C) Alliteration
 D) Irony
21. **Which sentence is a run-on?**
 A) He walked to the store, and he bought milk.
 B) He walked to the store he bought milk.
 C) He walked to the store. He bought milk.
 D) He walked to the store, and he bought milk.

- D) He walked to the store but forgot to buy milk.
22. **Which of the following is an adjective?**
 A) Strolled
 B) Beneath
 C) Beautiful
 D) Quickly
23. **Which sentence is written from a third-person omniscient point of view?**
 A) "I can't wait for summer vacation," said Melinda.
 B) "You should pack your suitcase carefully," the travel agent advised.
 C) Sarah and Tom both felt nervous about their upcoming presentation, but neither wanted to show it.
 D) I realized how important it was to study after I saw my grades.
24. **Which term refers to giving human qualities to nonhuman objects or ideas?**
 A) Personification
 B) Metaphor
 C) Simile
 D) Allusion
25. **Which sentence demonstrates correct use of a semicolon?**
 A) He went on vacation; to Spain last year.
 B) I bought a jacket at the mall; it was on sale.
 C) My sister loves to bake; and she often tries new recipes.
 D) We arrived early; although, our friends were late.
26. **Which option shows a complex sentence?**
 A) I finished my homework, and my friend called me on the phone.
 B) When I finish my homework, I will meet you at the park.
 C) I finished my homework; my friend called me afterward.
 D) I finished my homework. My friend called me afterward.
27. **Which sentence uses parallelism correctly?**
 A) Sam likes jogging, biking, and to swim.
 B) Sam likes jogging, to bike, and swimming.
 C) Sam likes jogging, biking, and swimming.
 D) Sam likes to jog, biking, and swim.
28. **Which of the following is an example of a topic sentence?**
 A) "The industrial revolution began in the late 18th century."
 B) "To summarize, new technology changed the economy forever."
 C) "This essay will discuss how technology shaped modern employment."
 D) "Factories became more efficient after the invention of the steam engine."
29. **Which word is a synonym for "compassionate"?**
 A) Indifferent
 B) Sympathetic
 C) Impatient
 D) Unkind
30. **Which sentence is spelled and punctuated correctly?**
 A) Its incredible that there already done with the project!
 B) It's incredible that they're already done with the project!
 C) It is' incredible that theyre already done with the project?
 D) Its' incredible that their already done with the project,

Drop-Down Questions (5 Questions)

Question 1

Choose the correct pronoun to complete the sentence:

“Everyone in the class turned in _____ assignment on time.”

[Select One]

- A) his or her
 - B) their
 - C) our
-

Question 2

What is the tone of the sentence below?

“She briskly walked out of the meeting, head held high and determination shining in her eyes.”

[Select One]

- A) Defeated
 - B) Confident
 - C) Sarcastic
-

Question 3

Choose the best transitional phrase:

“Sales increased by 15% in the first quarter; _____, revenue projections were adjusted upward.”

[Select One]

- A) otherwise
 - B) as a result
 - C) in contrast
-

Question 4

Which word best fits the blank?

“His _____ explanation made it easy for everyone to understand the complex topic.”

[Select One]

- A) vague
 - B) concise
 - C) exaggerated
-

Question 5

Select the correct punctuation for the sentence:

“She’s planning a big trip next summer _____ London and Paris.”

[Select One]

- A) : (colon)
 - B) , (comma)
 - C) and
-

Fill-in-the-Blank Questions (5 Questions)

1. The concluding paragraph of an essay should include a restatement of the _____ and a final thought.
 2. _____ is a rhetorical technique where an author uses facts, data, and logic to persuade readers.
 3. A _____ sentence has one independent clause and one or more dependent clauses.
 4. A strong introduction often contains both a **hook** and a _____, which clearly states the main argument.
 5. _____ are words like “meanwhile,” “in addition,” and “consequently” that help connect ideas in writing.
-

Extended Response (Essay)

Prompt

Read the following passage and write an essay analyzing how the author uses examples, facts, or data to strengthen their position. Assess the relevance and effectiveness of the evidence, and discuss whether it convincingly supports the author’s argument.

“The rise of technology in classrooms has transformed education. Studies show that students who use digital tools, such as tablets and online learning platforms, perform better on standardized tests compared to those who do not. For instance, a 2023 study found that 78% of students using tablets in classrooms scored higher in math than their peers using traditional methods. Additionally, digital tools help teachers personalize learning, catering to individual students’ needs. However, critics argue that over-reliance on technology may hinder critical thinking and interpersonal skills. Despite these concerns, the advantages of incorporating technology into education outweigh the drawbacks, as it prepares students for a rapidly evolving digital world.”

Task

- **Summarize** the author’s main argument.
- **Identify** the types of evidence provided (statistics, examples, expert opinions, etc.).
- **Evaluate** whether the evidence is sufficient and persuasive.
- **Discuss** possible counterarguments or limitations.
- **Conclude** by stating how effectively the author’s argument is supported by the evidence presented.

You should organize your essay clearly, with an introduction that outlines your approach, several body paragraphs that analyze specific evidence, and a conclusion that reflects on your overall findings.

Full-Length GED Practice Test: Mathematical Reasoning

Multiple-Choice Questions (20 Questions)

- Solve for x :**
 $4x + 5 = 21$
A) $x = 3$
B) $x = 4$
C) $x = 5$
D) $x = 6$
- What is the value of 2^4 ?**
A) 4
B) 8
C) 16
D) 32
- A rectangle has a length of 9 cm and a width of 5 cm. What is its perimeter?**
A) 14 cm
B) 18 cm
C) 28 cm
D) 36 cm
- Simplify:**
 $2^2 + 3^2$
A) 5
B) 13
C) 6
D) 25
- Which of the following fractions is equivalent to $\frac{2}{3}$?**
A) $\frac{3}{6}$
B) $\frac{4}{7}$
C) $\frac{6}{9}$
D) $\frac{5}{8}$
- What is 30% of 250?**
A) 50
B) 60
C) 65
D) 75
- Solve for y in the equation:**
 $3y + 4 = 19$
A) $y = 3$
B) $y = 5$
C) $y = 7$
D) $y = 15$
- A cyclist travels 90 miles in 3 hours. What is the cyclist's average speed?**
A) 25 mph
B) 30 mph
C) 45 mph
D) 60 mph
- What is the area of a triangle with a base of 10 cm and a height of 4 cm?**
A) 20 cm^2
B) 40 cm^2
C) 14 cm^2
D) 10 cm^2
- Which of the following is a prime number?**
A) 16
B) 18
C) 21
D) 13
- The sum of four consecutive integers is 34. What is the smallest integer?**
A) 7
B) 8
C) 9
D) 10
- A store offers a 20% discount on a \$150 item. What is the discount amount?**
A) \$15
B) \$20
C) \$30
D) \$40

13. Simplify:

$$\frac{1}{2} + \frac{1}{3}$$

- A) $\frac{5}{6}$
- B) $\frac{2}{5}$
- C) $\frac{3}{8}$
- D) $\frac{2}{3}$

14. What is the slope of the line passing through the points (1,2) and (5,10)?

- A) 2
- B) $\frac{8}{4} = 2$
- C) 10
- D) $\frac{10-2}{5-1} = 2$

15. A circle has a radius of 6 cm. Using $\pi = 3.14$, what is its area?

- A) 113.04 cm²
- B) 36 cm²
- C) 18.84 cm²
- D) 28.26 cm²

16. A bag contains 2 red marbles, 3 blue marbles, and 5 green marbles. What is the probability of selecting a red marble?

- A) $\frac{2}{10}$
- B) $\frac{3}{10}$

- C) $\frac{4}{10}$
- D) $\frac{5}{10}$

17. Simplify:

$$4x(2x + 3)$$

- A) $8x + 7$
- B) $8x^2 + 12x$
- C) $8x^2 + 3$
- D) $4x^2 + 12x$

18. Which inequality is true?

- A) $-2 < -5$
- B) $-10 > -3$
- C) $0 < -1$
- D) $-1 > -2$

19. A car is worth \$30,000 and depreciates by 15% after one year. What is its value then?

- A) \$24,000
- B) \$25,500
- C) \$27,000
- D) \$28,500

20. What is the least common multiple (LCM) of 8 and 12?

- A) 24
- B) 16
- C) 20
- D) 36

Drag-and-Drop Questions (7 Questions)

Question 1

Match each fraction to its equivalent decimal:

- $\frac{3}{4} \rightarrow []$
- $\frac{1}{5} \rightarrow []$
- $\frac{2}{3} \rightarrow []$

Options:

- A) 0.2
 - B) 0.75
 - C) 0.666... (approx. 0.67)
-

Question 2

Arrange the following **numbers** in **ascending order** (smallest to largest):

- $\sqrt{25} \rightarrow []$
- $4.75 \rightarrow []$
- $\frac{12}{3} \rightarrow []$

Options:

- A) 4.75
- B) 5
- C) 6

(You will place A, B, C in the correct order after evaluating the numeric values.)

Question 3

Match each **geometric shape** to its **number of sides**:

- **Hexagon** $\rightarrow []$
- **Quadrilateral** $\rightarrow []$
- **Decagon** $\rightarrow []$

Options:

- A) 4
 - B) 6
 - C) 10
-

Question 4

Order the steps to **solve** this equation: $3(x - 2) = 15$

1. **Step 1** $\rightarrow []$
2. **Step 2** $\rightarrow []$
3. **Step 3** $\rightarrow []$

Options:

- A) Divide both sides by 3
 - B) Simplify and solve for x
 - C) Add 2 to both sides
-

Question 5

Match each **type of triangle** to its **defining characteristic**:

- **Right Triangle** $\rightarrow []$
- **Isosceles Triangle** $\rightarrow []$
- **Scalene Triangle** $\rightarrow []$

Options:

- A) Two sides are equal
 - B) All sides are different lengths
 - C) One angle is 90°
-

Question 6

Match the following **units of measurement** to the **quantity** they measure:

- **Liter** → []
- **Inch** → []
- **Gram** → []

Options:

- A) Mass
 - B) Length
 - C) Volume
-

Question 7

Place the following **fractions** in **descending order** (largest to smallest):

- $\frac{3}{5}$ → []
- $\frac{2}{3}$ → []
- $\frac{3}{4}$ → []

(You will rank them from biggest to smallest.)

Fill-in-the-Blank Questions (6 Questions)

1. The perimeter of a **square** is calculated by multiplying the length of **one side** by _____.
 2. The value of 9^2 is _____.
 3. A **polygon** with **five** sides is known as a _____.
 4. To find the slope of a line passing through points (x_1, y_1) and (x_2, y_2) , we use the formula **slope** = $\frac{y_2 - y_1}{x_2 - x_1}$, where Δy represents the change in _____.
 5. A number that is divisible by both **4** and **6** is also divisible by _____.
 6. A fraction is in **simplest form** when the **numerator** and **denominator** share _____ as a common factor other than 1.
-

Hotspot Questions (5 Questions)

1. **On a number line** from -10 to 10 , **select** the point corresponding to $+2.5$.
2. **On a grid**, identify the point $(0, -3)$.
3. **On a bar graph** comparing monthly expenses, **click** the bar representing the **highest** expense category.

4. **On a pie chart** showing four categories of spending, **select** the category labeled “**Utilities**” if it’s 25% of the total.
5. **On a coordinate plane**, identify the **second quadrant**, where $x < 0$ and $y > 0$.

(On an actual test, you’d click or tap on the relevant section of the screen rather than writing your answer.)

Short Answer Questions (2 Questions)

1. **Explain the difference** between a **mixed number** and an **improper fraction**, and **provide an example** of each.
2. **Solve for x** :
If $6x - 12 = 24$, what is x ?

Full-Length GED Practice Test: Science

Multiple-Choice Questions (25 Questions)

- Which subatomic particle has no electric charge?**
 - Proton
 - Neutron
 - Electron
 - Quark
- What is the simplest form of a carbohydrate?**
 - Starch
 - Monosaccharide
 - Protein
 - Cellulose
- Which organelle is responsible for photosynthesis in plant cells?**
 - Golgi apparatus
 - Chloroplast
 - Mitochondrion
 - Nucleus
- What occurs when a warm air mass meets a cold air mass?**
 - Condensation
 - A stationary front forms immediately
 - A front develops, often causing precipitation
 - Wind speeds drop significantly
- Which of the following is a characteristic of acids?**
 - They have a pH greater than 7
 - They taste bitter
 - They release OH^- ions in solution
 - They release H^+ ions in solution
- Which law describes the relationship between the force, mass, and acceleration of an object?**
 - Newton's First Law
 - Newton's Second Law
 - Newton's Third Law
 - Law of Conservation of Energy
- Which of these layers of the atmosphere is closest to Earth's surface?**
 - Stratosphere
 - Mesosphere
 - Thermosphere
 - Troposphere
- Which term refers to the variety of different species living in an ecosystem?**
 - Carrying capacity
 - Biodiversity
 - Ecological succession
 - Trophic level
- What does the Mohs scale measure?**
 - The brightness of stars
 - The acidity of solutions
 - The hardness of minerals
 - The concentration of pollutants
- Which of the following best explains why ice floats on water?**
 - Ice is less dense than liquid water
 - Hydrogen bonds are weaker in ice
 - Ice molecules are heavier than water molecules
 - Water has a lower freezing point than ice
- Which type of cell division is responsible for growth and repair in multicellular organisms?**
 - Mitosis
 - Meiosis
 - Binary fission
 - Fertilization
- Which of these is an example of a nonrenewable resource?**
 - Wind power
 - Petroleum
 - Geothermal energy
 - Hydroelectric power
- In an experiment, which variable is deliberately changed by the scientist?**
 - Dependent variable
 - Independent variable
 - Control variable
 - Extraneous variable
- Which gas, produced by photosynthesis, do animals rely on for survival?**
 - Methane
 - Oxygen

- C) Carbon dioxide
D) Nitrogen
15. **What is the primary function of the chlorophyll pigment?**
A) Absorb light energy for photosynthesis
B) Provide structure to the cell membrane
C) Split water molecules into hydrogen and oxygen
D) Transport sugars throughout the plant
16. **What is the approximate percentage of oxygen in Earth's atmosphere?**
A) 21%
B) 32%
C) 78%
D) 90%
17. **Which planet in our solar system has the largest number of known moons?**
A) Earth
B) Saturn
C) Mars
D) Mercury
18. **When a liquid changes into a gas below its boiling point, the process is called:**
A) Sublimation
B) Condensation
C) Evaporation
D) Deposition
19. **Which of the following best describes kinetic energy?**
A) Energy of motion
B) Stored chemical energy
C) Energy from heat
D) Potential energy due to position
20. **During digestion, proteins are broken down into which smaller molecules?**
A) Amino acids
B) Simple sugars
C) Fatty acids
D) Nucleic acids
21. **Which planet is known for its prominent ring system?**
A) Jupiter
B) Uranus
C) Neptune
D) Saturn
22. **What does DNA stand for?**
A) Deoxynucleic acid
B) Deoxyribonucleic acid
C) Deoxyribose acid
D) Ribonucleic acid
23. **The movement of molecules from an area of higher concentration to an area of lower concentration is called:**
A) Osmosis
B) Active transport
C) Diffusion
D) Equilibrium
24. **Which instrument is used to measure air pressure?**
A) Thermometer
B) Barometer
C) Anemometer
D) Hygrometer
25. **A phase change from a solid directly to a gas is known as:**
A) Melting
B) Freezing
C) Sublimation
D) Condensation

Drag-and-Drop Questions (6 Questions)

Question 1

Match each **blood component** to its primary **function**:

- **Red Blood Cells (RBCs)** → []
- **White Blood Cells (WBCs)** → []
- **Platelets** → []

Options:

- A) Defense against infection

- B) Transport oxygen
 - C) Assist in clotting
-

Question 2

Arrange the **stages of mitosis** in the **correct order** (earliest to latest):

- **Metaphase** → []
 - **Prophase** → []
 - **Telophase** → []
 - **Anaphase** → []
-

Question 3

Match each **type of tropism** (plant growth response) to its definition:

- **Phototropism** → []
- **Gravitropism** → []
- **Thigmotropism** → []

Options:

- A) Response to touch or physical contact
 - B) Response to light
 - C) Response to gravity
-

Question 4

Place these **biological classification levels** in order from **broadest** to **most specific**:

- **Genus** → []
 - **Kingdom** → []
 - **Species** → []
 - **Phylum** → []
-

Question 5

Match each **rock type** to its key **formation process**:

- **Sedimentary** → []
- **Igneous** → []
- **Metamorphic** → []

Options:

- A) Formed from cooling magma or lava

- B) Formed by layers of sediment compacted over time
 - C) Formed when existing rock is changed by heat and pressure
-

Question 6

Match each **greenhouse gas** to one **primary human-related source**:

- **Carbon Dioxide (CO₂)** → []
- **Methane (CH₄)** → []
- **Nitrous Oxide (N₂O)** → []

Options:

- A) Fertilizer use in agriculture
 - B) Burning of fossil fuels
 - C) Livestock digestion
-

Fill-in-the-Blank Questions (5 Questions)

1. A _____ is the smallest unit capable of carrying out all the functions of life.
 2. The process by which organisms keep their internal conditions relatively stable is called _____.
 3. A chemical reaction that **releases** energy is known as an _____ reaction.
 4. The _____ in Earth's core creates a magnetic field protecting the planet from solar wind.
 5. The oxygen in Earth's atmosphere is primarily produced by _____ through photosynthesis.
-

Hotspot Questions (4 Questions)

1. **On a diagram of the digestive system**, select the organ that **produces bile** (the liver).
 2. **On a cross-section of Earth**, click the layer known as the **outer core**.
 3. **On a plant cell diagram**, identify the **cell wall**.
 4. **On a water cycle illustration**, select the process labeled **“Transpiration.”**
-

Short Answer Questions (2 Questions)

1. **Explain how photosynthesis and respiration are interconnected in the carbon cycle.**
(Consider how plants take in CO₂ and release O₂, while animals use O₂ and release CO₂.)
2. **Describe the difference between a food chain and a food web, and provide an example of each.**
(Include how energy flows from producers to consumers in both cases.)

Full-Length GED Practice Test: Social Studies

Multiple-Choice Questions (25 Questions)

- Which U.S. Supreme Court case legalized interracial marriage in 1967?**
 - Brown v. Board of Education
 - Roe v. Wade
 - Loving v. Virginia
 - Miranda v. Arizona
- Which principle holds that government power comes from the consent of the governed?**
 - Judicial review
 - Federalism
 - Popular sovereignty
 - Checks and balances
- Which of the following best describes the main cause of the American Civil War?**
 - Conflict over tariffs on European goods
 - Disputes over American expansion into Canada
 - Economic differences between the North and South
 - Controversies over slavery and states' rights
- In the context of economics, what does the term "scarcity" mean?**
 - Unlimited resources meet unlimited wants
 - Resources are limited while wants are unlimited
 - Prices remain constant despite high demand
 - Excess production of goods and services
- Which event effectively ended the American Revolution?**
 - The signing of the Declaration of Independence
 - The British surrender at Yorktown
 - The Boston Tea Party
 - The adoption of the Articles of Confederation
- Which amendment to the U.S. Constitution prohibited alcohol in the United States?**
 - 16th Amendment
 - 18th Amendment
 - 19th Amendment
 - 21st Amendment
- What was the main purpose of the Federalist Papers?**
 - To argue for the ratification of the U.S. Constitution
 - To support independence from Great Britain
 - To abolish slavery in the United States
 - To promote territorial expansion
- Which leader is associated with the "I Have a Dream" speech advocating for racial equality?**
 - Booker T. Washington
 - Martin Luther King Jr.
 - Frederick Douglass
 - Malcolm X
- What is the primary role of political parties in the U.S. electoral system?**
 - To oversee the judicial branch
 - To create constitutional amendments
 - To nominate candidates and organize support for elections
 - To serve as neutral referees in legislative debates
- Which U.S. region became a major agricultural center for cotton production before the Civil War?**
 - Northeast
 - Pacific Northwest
 - Deep South
 - Great Plains
- Which of the following describes a market economy?**
 - The government controls all resources and production
 - Supply and demand determine prices and production
 - Custom and tradition dictate the production of goods
 - Large corporations set all prices by law

12. **What is the significance of the “Seneca Falls Convention” of 1848?**
 - A) It led to the creation of the Prohibition Party
 - B) It was the first major women’s rights convention in the U.S.
 - C) It declared the abolition of slavery
 - D) It introduced the first tariff laws
13. **Which constitutional principle ensures that power is divided among the executive, legislative, and judicial branches?**
 - A) Federalism
 - B) Republicanism
 - C) Popular sovereignty
 - D) Separation of powers
14. **Which nation did the United States fight against in the War of 1812?**
 - A) France
 - B) Spain
 - C) Great Britain
 - D) Mexico
15. **Which of the following statements describes the economic concept of “opportunity cost”?**
 - A) The cost of expanding a country’s border
 - B) The benefit gained by consuming the most expensive product
 - C) The highest-valued alternative given up when making a choice
 - D) The profit made from selling government bonds
16. **Which era in U.S. history was characterized by the policy of “containment” to stop the spread of communism?**
 - A) World War I era
 - B) Cold War era
 - C) Gilded Age
 - D) Reconstruction
17. **What was the primary goal of the Monroe Doctrine (1823)?**
 - A) To improve trade relations with Asia
 - B) To prevent European interference in the Americas
 - C) To form a long-lasting alliance with Britain
 - D) To end the transatlantic slave trade
18. **Which Supreme Court case ruled that segregation was constitutional under “separate but equal”?**
 - A) **Brown v. Board of Education**
 - B) **Plessy v. Ferguson**
 - C) **Marbury v. Madison**
 - D) **Dred Scott v. Sandford**
19. **Which document replaced the Articles of Confederation as the governing framework in the United States?**
 - A) Magna Carta
 - B) Mayflower Compact
 - C) U.S. Constitution
 - D) Declaration of Independence
20. **Which of the following best describes a recession?**
 - A) A period of prolonged economic growth
 - B) A severe downturn lasting only a few weeks
 - C) A moderate decline in economic activity spread across the economy
 - D) A short-lived increase in employment
21. **Which U.S. state was once an independent republic before joining the Union in 1845?**
 - A) **Hawaii**
 - B) **Texas**
 - C) **California**
 - D) **Alaska**
22. **Which was a main reason for the Great Migration (1916–1970) of African Americans from the rural South to the urban North?**
 - A) Desire to establish new farmland in the West
 - B) Worsening climate in southern states
 - C) Economic opportunities and escape from racial discrimination
 - D) Promotion of government-sponsored homesteads in the North
23. **Which constitutional amendment abolished poll taxes?**
 - A) **13th Amendment**
 - B) **16th Amendment**
 - C) **24th Amendment**
 - D) **26th Amendment**

24. **What is a major role of the Federal Reserve (the Fed) in the U.S. economy?**

- A) Setting individual tax rates for citizens
- B) Controlling the money supply and interest rates
- C) Allocating federal funding for national defense
- D) Drafting and passing the federal budget

25. **Which international organization was created to protect member nations from Soviet aggression after World War II?**

- A) NAFTA
- B) NATO
- C) OPEC
- D) UNESCO

Drag-and-Drop Questions (5 Questions)

Question 1

Match each **U.S. Constitutional Amendment** to its **key outcome**:

- **15th Amendment** → []
- **17th Amendment** → []
- **26th Amendment** → []

Options:

- A) Gave African American men the right to vote
 - B) Established direct election of senators by the people
 - C) Lowered the voting age to 18
-

Question 2

Match each **U.S. President** to a notable **event or policy** associated with his administration:

- **Andrew Jackson** → []
- **Theodore Roosevelt** → []
- **John F. Kennedy** → []

Options:

- A) Indian Removal Act
 - B) Square Deal
 - C) New Frontier
-

Question 3

Place the following **U.S. territorial expansions** in **chronological order** (earliest to latest):

- **Louisiana Purchase** → []
- **Texas Annexation** → []
- **Gadsden Purchase** → []
- **Alaska Purchase** → []

(After determining the correct years, assign them 1, 2, 3, 4 in order.)

Question 4

Match each **key concept in U.S. civics** to its **definition**:

- **Federalism** → []
- **Judicial Review** → []
- **Popular Sovereignty** → []

Options:

- A) Courts have the power to declare laws unconstitutional
 - B) Power is shared between the national and state governments
 - C) The people hold ultimate authority through voting
-

Question 5

Match each **major U.S. conflict** to its **approximate time period**:

- **Spanish–American War** → []
- **Korean War** → []
- **Persian Gulf War** → []

Options:

- A) 1898
 - B) 1950–1953
 - C) 1990–1991
-

Fill-in-the-Blank Questions (5 Questions)

1. The first ten amendments to the U.S. Constitution are collectively called the _____.
 2. _____ was purchased from Russia in 1867, a transaction sometimes referred to as “Seward’s Folly.”
 3. The economic principle that government should minimally intervene in business is known as _____.
 4. The region of the United States known for industrial decline in the late 20th century is nicknamed the _____.
 5. The concept that citizens hold the governing power in a democracy is referred to as _____.
-

Drop-Down Questions (4 Questions)

1. The main reason for drafting the Declaration of Independence in 1776 was to [Select: **announce separation from Britain**, ratify the Constitution, form a new government].
2. The system that prevents any one branch from becoming too powerful in the U.S. government is called [Select: **checks and balances**, monarchy, direct democracy].
3. The movement aimed at abolishing slavery in the United States is referred to as [Select: temperance, **abolition**, suffrage].

4. During the Civil War, the southern states formed the [Select: **Confederacy**, Allied Powers, Union].
-

Hotspot Questions (3 Questions)

1. **On a map of the original 13 colonies**, select the colony of **Virginia**.
 2. **On a timeline of U.S. expansions**, click the range representing the **Texas Revolution** (1835–1836).
 3. **On a diagram illustrating the three branches of government**, identify the branch that **interprets laws** (Judicial Branch).
-

Extended Response (Short Essay, 1 Task)

Question:

Discuss how the policy of “Manifest Destiny” influenced the expansion of the United States during the 19th century. In your response, explain the key motivations behind Manifest Destiny, its impact on Native American populations, and how it shaped U.S. territorial growth. Provide specific historical examples to support your explanation.

EXAM 8:

Full-Length GED Practice Test: Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (45 Questions)

- Which sentence best states the main idea of the following passage?**

“Getting enough sleep is essential for good health. Research shows that adults who sleep 7–9 hours a night experience fewer chronic health problems and have better mental well-being.”

 - Sleeping too long can damage your health.
 - Adults who sleep less than 7 hours feel more energetic.
 - Adequate sleep supports both physical and mental health.
 - Sleep has no noticeable impact on wellness.
- Which sentence uses the correct pronoun?**
 - Everyone on the team brought their own equipment.
 - Everyone on the team brought his or her own equipment.
 - Everyone on the team brought our own equipment.
 - Everyone on the team brought they’re own equipment.
- What is the author’s purpose in the following statement?**

“Limiting screen time each day can improve focus and reduce eyestrain, so it’s wise to take regular breaks from digital devices.”

 - To criticize the use of technology
 - To inform readers about the benefits of limiting screen time
 - To entertain with an anecdote
 - To compare screen time in different age groups
- Choose the option that best combines these sentences:**

“Jake finished his final exam early. He used the extra time to review his answers.”

 - Jake finished his final exam early, but he used the extra time to review his answers.
 - Jake finished his final exam early, he used the extra time to review his answers.
 - Jake finished his final exam early; therefore, he used the extra time to review his answers.
 - Jake finished his final exam early: for this reason, used the extra time to review.
- Which is the best definition of the term “thesis statement” in an essay?**
 - A humorous anecdote that begins the introduction
 - A single sentence that summarizes the main argument
 - A list of counterclaims to the author’s viewpoint
 - A collection of evidence from various sources
- Which sentence demonstrates correct subject-verb agreement?**
 - The group of athletes are warming up.
 - The group of athletes is warming up.
 - The group of athletes were warming up.
 - The group of athletes be warming up.
- Which word is spelled incorrectly?**
 - Acquire
 - Existance
 - Acknowledge
 - Thorough
- What does the word “meticulous” mean in the sentence below?**

- “She was meticulous in preparing the budget, double-checking every calculation before finalizing the report.”
- A) Sloppy and rushed
 - B) Thorough and careful
 - C) Carefree and indifferent
 - D) Nervous and worried
9. **Which sentence uses parallel structure?**
- A) He is responsible for planning events, sending invitations, and to order supplies.
 - B) She likes dancing, singing, and to bake cookies.
 - C) The job requires attention to detail, creativity, and strong communication skills.
 - D) The teacher graded papers, answers emails, and was meeting with parents.
10. **Which of the following words is a homophone pair?**
- A) Loose / lose
 - B) Plain / plane
 - C) Complimentary / complementry
 - D) Advice / advise
11. **Which sentence is written in the passive voice?**
- A) The manager approved the new schedule.
 - B) A new schedule was approved by the manager.
 - C) The manager is approving the new schedule.
 - D) The manager plans to approve the new schedule.
12. **What is the tone of this sentence?**
“Despite multiple setbacks, the volunteers remained cheerful and determined to complete their project.”
- A) Sarcastic
 - B) Defeated
 - C) Encouraging
 - D) Fearful
13. **What is the main idea of the following passage?**
“Wildlife conservation efforts have increased in recent years. Programs that protect endangered species and restore natural habitats have shown promising results, leading to the revival of certain animal populations.”
- A) Humans should hunt more endangered species.
 - B) Conservation programs are successfully helping endangered species.
 - C) Hunting regulations are never enforced effectively.
 - D) Conservation efforts are a waste of resources.
14. **Which sentence uses correct punctuation for items in a series?**
- A) We bought milk bread eggs and cheese.
 - B) We bought milk, bread, eggs, and cheese.
 - C) We bought milk bread, eggs and cheese.
 - D) We bought: milk, bread, eggs, and cheese.
15. **Which phrase is an example of a metaphor?**
- A) As busy as a bee
 - B) The stars danced in the sky.
 - C) The road looked like a black ribbon.
 - D) Her eyes shone like diamonds.
16. **What is the purpose of the concluding paragraph in an essay?**
- A) To introduce a new argument
 - B) To restate the thesis and summarize main points
 - C) To present contradictory evidence
 - D) To list sources and references
17. **Choose the best synonym for “benevolent.”**
- A) Malicious
 - B) Charitable
 - C) Apathetic
 - D) Impolite
18. **Which sentence demonstrates the correct use of a semicolon?**
- A) The day was long, I was exhausted.
 - B) The day was long; yet I felt energized.
 - C) The day was long; I was exhausted.

- D) The day; was long and I was exhausted.
19. **Which of the following is a complex sentence?**
- A) The sun rose, and the birds began to sing.
 - B) She left early, but she returned for the meeting.
 - C) Although she was nervous, she delivered a great presentation.
 - D) They practiced every day; they won the tournament.
20. **Which sentence contains a prepositional phrase?**
- A) The baby slept soundly.
 - B) We laughed loudly.
 - C) He ran across the field.
 - D) They will prepare soon.
21. **What is the best way to combine these sentences?**
“She organized the books. Then she labeled them according to genre.”
- A) She organized the books, then she labeled them according to genre.
 - B) She organized the books, labeling them according to genre.
 - C) She organized the books. She labeled them according to genre, though.
 - D) She organized the books; but labeling them according to genre.
22. **Which of the following words is a homonym (same spelling, different meaning)?**
- A) Fair (equitable) / fair (a gathering)
 - B) Flower (plant) / flour (baking ingredient)
 - C) Stare (look) / stair (step)
 - D) Right (correct) / write (to compose text)
23. **What is the meaning of the word “notorious”?**
- A) Famous for a negative reason
 - B) Recognized as highly respectable
 - C) Shy and easily overlooked
 - D) Skilled in a particular sport
24. **Which sentence is incorrectly punctuated?**
- A) “Where did you go?” she asked.
 - B) “I’m not sure,” he replied.
 - C) “Let’s go home!” exclaimed Sarah.
 - D) “I’ll see you tomorrow”. said Miguel.
25. **Which sentence best conveys the concept of irony?**
- A) “The desert was so hot, I thought I might melt.”
 - B) “The fire station caught on fire last night.”
 - C) “Her hair was as dark as midnight.”
 - D) “We strolled slowly down the street.”
26. **Which literary device gives human qualities to nonhuman objects?**
- A) Simile
 - B) Personification
 - C) Foreshadowing
 - D) Alliteration
27. **What is the main idea of the following paragraph?**
“Farmland has been shrinking due to urban development, yet sustainable agriculture practices can help feed a growing population. By rotating crops and using eco-friendly pest control, farmers can produce more food on less land.”
- A) Urban development has no effect on farmland.
 - B) Sustainable farming methods help address modern agricultural challenges.
 - C) Pest control is harmful and should be avoided entirely.
 - D) Rotating crops is the only effective farming strategy.
28. **Which sentence uses the correct verb tense?**
- A) Yesterday, they goes to the library.
 - B) Yesterday, they went to the library.
 - C) Yesterday, they will go to the library.
 - D) Yesterday, they had go to the library.
29. **Which transition word signals a contrast between ideas?**
- A) Therefore
 - B) However
 - C) Likewise
 - D) Consequently

30. **Which of the following is an example of figurative language rather than literal language?**
A) "The tree stands 20 feet tall."
B) "I have two siblings and one cousin."
C) "Her laughter was music to his ears."
D) "We moved into our new house last week."
31. **What does the underlined phrase convey in the sentence below?**
"She was on cloud nine after receiving the scholarship."
A) She was worried about her finances.
B) She was confused about her future.
C) She was feeling extremely sad.
D) She was extremely happy.
32. **Which sentence best demonstrates correct parallel structure?**
A) The manager expects honesty, diligence, and that employees arrive on time.
B) The manager expects employees to be honest, to be diligent, and arrive on time.
C) The manager expects employees to work honestly, diligently, and on time.
D) The manager expects honesty, diligence, and punctuality.
33. **Which sentence is a run-on sentence?**
A) The festival was crowded, and everyone had fun.
B) The festival was crowded but still enjoyable for most.
C) The festival was crowded it was hard to find a seat.
D) The festival was lively; the music was fantastic.
34. **Which word is a synonym for "vital"?**
A) Unnecessary
B) Essential
C) Dispensable
D) Tangible
35. **What is the effect of using imagery in descriptive writing?**
A) It simplifies complex ideas into smaller words.
B) It persuades the reader using factual data.
C) It helps the reader visualize the scene more vividly.
D) It creates a more formal and detached tone.
36. **Which sentence correctly uses a colon?**
A) She had one main concern, making the deadline.
B) She had one main concern: making the deadline.
C) She had: one main concern making the deadline.
D) She: had one main concern making the deadline.
37. **Which sentence is the best example of a compound sentence?**
A) We visited the museum after we finished our lunch.
B) I left the party because it was too loud.
C) The sun set behind the mountains, and the sky turned pink.
D) If it rains tomorrow, the picnic will be canceled.
38. **Which is the correct way to spell the adjective meaning "full of energy"?**
A) Vigerous
B) Vigoros
C) Vigorous
D) Vigorus
39. **Which sentence contains an adverb modifying a verb?**
A) The cat is under the table.
B) He quickly finished his homework.
C) The bright sunlight hurt her eyes.
D) They consider these rules important.
40. **What does the phrase "hit the sack" mean in the sentence below?**
"After a long day at work, I decided to hit the sack."
A) Play a game of baseball
B) Take a nap in the afternoon
C) Go to sleep for the night
D) Arrange sacks in the storage room
41. **Which sentence uses the correct form of "their," "there," or "they're"?**
A) They're house is on the corner, near the library.

- B) The students left they're backpacks in the gym.
C) Their going to the beach for a weekend trip.
D) They're planning to drive their car over there.
42. **Which sentence has the correct pronoun-antecedent agreement?**
A) Every runner must wear their uniform during the meet.
B) Every runner must wear his or her uniform during the meet.
C) Every runner must wear our uniform during the meet.
D) Every runner must wear your uniform during the meet.
43. **Which literary device is used when an author hints at future events in a story?**
A) Personification
B) Hyperbole
C) Foreshadowing
D) Alliteration
44. **Which sentence is punctuated correctly?**
A) She said "you should come to the party."
B) She said, "You should come to the party!"
C) She said "You should come," to the party.
D) She said, "you should come to the party"?
45. **Which sentence is written in active voice?**
A) A conclusion was reached by the committee.
B) The problem was discussed in detail by the group.
C) The group reached a conclusion after much debate.
D) A long discussion was held by everyone at the meeting.
-

Drop-Down Questions (5 Questions)

Question 1

Which transition word best completes the sentence?

"The project faced several unexpected challenges; _____, we managed to finish on time."

[Select One]

- A) therefore
 - B) however
 - C) in contrast
-

Question 2

Which verb tense best completes the sentence?

"By the end of the year, the volunteers _____ over 500 hours helping in the community."

[Select One]

- A) will have spent
- B) have spent
- C) had spent

Question 3

What is the role of an introduction in an essay?

[Select One]

- A) To provide detailed supporting evidence
- B) To restate the conclusion
- C) To present the topic and engage the reader

Question 4

Choose the correct pronoun to complete the sentence:

“Each of the students must submit _____ assignment by Friday.”

[Select One]

- A) their
- B) his or her
- C) our

(Traditional grammar rules suggest “his or her,” but modern usage often accepts “their” as gender-neutral.)

Question 5

Select the word that best completes the sentence:

“She proofread her essay carefully; _____, she still found a few errors later.”

[Select One]

- A) otherwise
- B) surprisingly
- C) consequently

Fill-in-the-Blank Questions (5 Questions)

1. A statement that takes a position in an argumentative essay is called a _____.
 2. _____ refers to an author’s choice of words and style of expression.
 3. A _____ connects words, phrases, or clauses (e.g., and, but, or).
 4. The _____ of a paragraph is often the first sentence and states the main point.
 5. When you quote someone’s words exactly, you must use _____ marks to indicate their speech or text.
-

Extended Response (Essay)

Prompt

“Technology has transformed nearly every aspect of modern life, from communication to transportation to education. While it has brought undeniable convenience and efficiency, it has also raised concerns about privacy, job displacement, and dependency. For instance, while social media platforms allow people to stay connected across the globe, they have also been criticized for contributing to mental health issues and spreading misinformation. Similarly, advancements in automation have streamlined many industries, yet some workers fear losing their jobs to machines. The debate continues: Is technology a net positive or negative for society?”

Analyze how the author builds an argument to explore the impact of technology on society. Discuss the use of evidence, reasoning, and stylistic elements, and provide specific examples from the passage to support your analysis.”

Full-Length GED Practice Test: Mathematical Reasoning

Multiple-Choice Questions (25 Questions)

- Solve for x :**
 $2x + 7 = 21$
A) 5
B) 7
C) 14
D) 8
- A rectangle has a length of 9 cm and a width of 4 cm. **What is its perimeter?**
A) 13 cm
B) 36 cm
C) 26 cm
D) 18 cm
- Evaluate:**
 $4^2 - 3^2$
A) 1
B) 7
C) 16
D) 25
- Which fraction is equivalent to $\frac{3}{4}$?**
A) $\frac{6}{8}$
B) $\frac{9}{12}$
C) $\frac{12}{16}$
D) All of the above
- What is 45% of 200?**
A) 90
B) 50
C) 30
D) 120
- What is the slope** of the line represented by $y = -3x + 4$?
A) -3
B) 4
C) 3
D) -4
- Find the area** of a triangle with base 10 cm and height 5 cm.
A) 25 cm²
B) 50 cm²
C) 15 cm²
D) 35 cm²
- Simplify:** $(2x^2)(3x^3)$
A) $5x^5$
B) $6x^6$
C) $6x^5$
D) $5x^6$
- Convert** $\frac{3}{5}$ into a decimal.
A) 0.5
B) 0.6
C) 0.75
D) 0.3
- If $x = 6$, evaluate $2x^2 + x$.**
A) 78
B) 72
C) 66
D) 48
- Solve for x :**
 $\frac{x}{3} = 9$
A) $x = 3$
B) $x = 12$
C) $x = 27$
D) $x = 6$
- What is the sum of the interior angles** in a quadrilateral?
A) 360°
B) 180°
C) 270°
D) 540°
- Calculate:**
 $\frac{1}{3} + \frac{1}{6}$
A) $\frac{1}{2}$

- B) $\frac{2}{9}$
- C) $\frac{3}{6}$
- D) $\frac{1}{3}$

14. If **15 apples cost \$30, what is the cost of 1 apple?**

- A) \$2
- B) \$1
- C) \$3
- D) \$0.50

15. **Expand:** $(x + 3)^2$

- A) $x^2 + 3$
- B) $x^2 + 6x + 9$
- C) $x^2 + 9$
- D) $x^2 + 9x + 6$

16. **Convert** $\frac{2}{5}$ into a decimal.

- A) 0.2
- B) 0.25
- C) 0.4
- D) 0.5

17. **What is the LCM** (Least Common Multiple) **of 6 and 8?**

- A) 24
- B) 12
- C) 48
- D) 6

18. **Solve for x:**

$$4x + 3 = 15$$

- A) 3
- B) 4
- C) 2
- D) 6

19. **What is the measure of each interior angle** of an equilateral triangle?

- A) 90°
- B) 45°
- C) 60°
- D) 120°

20. A bag contains 5 red marbles and 3 blue marbles. **What is the probability** of randomly selecting a blue marble?

- A) $\frac{5}{8}$
- B) $\frac{3}{8}$
- C) $\frac{2}{5}$
- D) $\frac{3}{5}$

21. **Evaluate:**

$$5^3$$

- A) 25
- B) 125
- C) 15
- D) 625

22. A rectangular prism has a length of 4 units, a width of 3 units, and a height of 2 units. **What is its volume?**

- A) 24 cubic units
- B) 9 cubic units
- C) 12 cubic units
- D) 6 cubic units

23. **Calculate:**

$$3^3 + 2^2$$

- A) 9
- B) 31
- C) 17
- D) 13

24. A rectangle has a length of 6 and a width of 5. **What is its perimeter?**

- A) 11
- B) 22
- C) 30
- D) 2

25. **Which of the following** is a solution to the equation $x^2 = 49$?

- A) 9
- B) 8
- C) 7
- D) 6

Drag-and-Drop Questions (~5–7 Questions)

Question 1

Match each linear equation to its correct solution. Drag the solution to the corresponding equation:

- **Equations:**
 - $2x + 5 = 15$
 - $x - 4 = 12$
 - $4x - 6 = 14$
 - $3x + 9 = 18$
- **Solutions:**
 - $x = 5$
 - $x = 6$
 - $x = 8$
 - $x = 4$

(For example, drag “ $x = 6$ ” to whichever equation is solved by that value.)

Question 2

Drag each type of triangle to its defining characteristic regarding angles:

- **Triangles:**
 - Right Triangle**
 - Acute Triangle**
 - Obtuse Triangle**
 - **Characteristics:**
 - All angles less than 90°
 - One angle exactly 90°
 - One angle greater than 90°
-

Question 3

Arrange these rational numbers in ascending order (smallest to largest). The numbers are:

- $\frac{1}{2}$, 0.6, $\frac{2}{3}$, 0.75

Options to place in order:

- $\frac{1}{2}$
- 0.6
- $\frac{2}{3}$
- 0.75

Question 4

Match each formula to the correct 3D shape's volume:

- **Shapes:**
 - h. **Cube**
 - i. **Cylinder**
 - j. **Rectangular Prism**
 - k. **Sphere**
- **Volume Formulas:**
 - A) $V = \pi r^2 h$
 - B) $V = \ell \times w \times h$
 - C) $V = s^3$
 - D) $V = \frac{4}{3}\pi r^3$

(Where s represents the side length, r the radius, ℓ the length, w the width, and h the height.)

Question 5

Arrange the following fractions from largest to smallest (descending order):

- $\frac{5}{8}, \frac{3}{5}, \frac{3}{4}, \frac{4}{9}$

Options (to drag in descending order):

- A) $\frac{3}{4}$
 - B) $\frac{5}{8}$
 - C) $\frac{3}{5}$
 - D) $\frac{4}{9}$
-

Fill-in-the-Blank Questions (~4–6 Questions)

3. If $x = 5$, evaluate: $7x - 2$. Enter the result as an integer.
 4. A line passing through (1,2) and (3,8) has a slope of _____.
 5. The product of 6 and 7 is _____.
 6. What is the volume of a cube whose edge length is 4 units? Enter your answer as an integer.
 7. A decimal that repeats the same digit endlessly (like 0.333...) is called a _____ decimal.
-

Hotspot Questions (~3–5 Questions)

1. **On a coordinate plane**, select the point that satisfies $(x, y) = (2, -1)$.
 2. **On a number line ranging from -5 to 5**, click the position corresponding to $-\frac{3}{2}$.
 3. **On a circle diagram** labeled with radius, diameter, and circumference, select the segment that represents the **diameter**.
-

Short Answer Questions (~1–2 Questions)

1. **A store advertises a 20% discount** on a \$25 item. **What is the final price** the customer pays after the discount?
2. **If a car travels 240 miles** in 4 hours, **what is its average speed** in miles per hour?

(Give a numeric response, e.g., “60 mph.”)

GED Exam: Science Section

Multiple-Choice Questions

- Which statement best explains why enzymes are important in biological systems?**
 - They provide structural support to cells
 - They reduce the activation energy needed for reactions
 - They store genetic information
 - They act as long-term energy reserves
- What causes wind to form in Earth's atmosphere?**
 - Equal atmospheric pressures across regions
 - Temperature differences leading to pressure gradients
 - The Earth's core generating strong magnetic fields
 - The rotation of the Earth around the Sun
- Which subatomic particle carries a positive charge?**
 - Neutron
 - Proton
 - Electron
 - Quark
- What is the primary function of the esophagus in the human body?**
 - Absorbing nutrients
 - Transporting food from the mouth to the stomach
 - Breaking down proteins
 - Producing digestive enzymes
- Which force keeps electrons bound to the nucleus of an atom?**
 - Strong nuclear force
 - Gravitational force
 - Electromagnetic force
 - Weak nuclear force
- What happens to the volume of a gas if its temperature increases while the pressure remains constant?**
 - The volume decreases
 - The volume increases
 - The volume remains the same
 - The gas solidifies
- Which planet is known for having a dense, toxic atmosphere composed mostly of carbon dioxide?**
 - Mars
 - Saturn
 - Jupiter
 - Venus
- Which layer of the atmosphere is directly above the troposphere?**
 - Stratosphere
 - Mesosphere
 - Thermosphere
 - Exosphere
- What is the primary role of guard cells in plant leaves?**
 - Transport sugars throughout the plant
 - Regulate the opening and closing of stomata
 - Absorb sunlight for photosynthesis
 - Anchor the leaf to the stem
- Which of the following is an example of a simple machine?**
 - Internal combustion engine
 - Pulley
 - Battery
 - Generator
- Which statement correctly describes a eukaryotic cell?**
 - It lacks a nucleus and other membrane-bound organelles
 - It has a cell wall but no cell membrane
 - It has a nucleus and membrane-bound organelles
 - Its DNA is located in the cytoplasm

12. **Which rock type forms when existing rock is subjected to extreme heat and pressure?**
 A) Igneous
 B) Sedimentary
 C) Metamorphic
 D) Magma rock
13. **How do vaccines typically protect individuals from disease?**
 A) By permanently altering a person's DNA
 B) By introducing weakened pathogens that stimulate antibody production
 C) By eliminating all pathogens in the environment
 D) By increasing the body's temperature to kill bacteria
14. **Which of the following best describes homeostasis?**
 A) An organism's ability to adapt to external threats
 B) The process by which organisms maintain stable internal conditions
 C) The rate at which an organism uses energy
 D) The storage of excess water and nutrients
15. **Which statement describes the law of conservation of mass?**
 A) Mass can be converted into energy
 B) Mass remains constant before and after a chemical reaction
 C) Mass increases after exothermic reactions
 D) Mass decreases when substances dissolve
16. **Which of the following causes day and night on Earth?**
 A) The revolution of Earth around the Sun
 B) The tilt of Earth's axis
 C) The rotation of Earth on its axis
 D) The monthly lunar cycle
17. **What is the chemical formula for glucose, a simple sugar used by cells for energy?**
 A) H_2O
 B) $NaCl$
 C) $C_6H_{12}O_6$
 D) CO_2
18. **Which statement about acids is true?**
 A) They produce OH^- ions in solution
 B) They have a pH above 7
 C) They turn red litmus paper blue
 D) They produce H^+ ions in solution
19. **Which body system defends the body against pathogens and disease?**
 A) Skeletal system
 B) Immune system
 C) Endocrine system
 D) Excretory system
20. **Which phenomenon causes the apparent shift in position of nearby stars against the distant background, as observed from Earth throughout the year?**
 A) Solar eclipse
 B) Precession
 C) Stellar parallax
 D) Gravitation
21. **Which organ in the human body is primarily responsible for detoxification and protein synthesis?**
 A) Pancreas
 B) Kidney
 C) Liver
 D) Spleen
22. **Which is the correct order of the main stages in a star's lifecycle, starting with its formation?**
 A) Supernova → Protostar → Red Giant → White Dwarf
 B) Nebula → Protostar → Main Sequence → Red Giant
 C) Main Sequence → Nebula → Red Dwarf → Black Hole
 D) Red Giant → Main Sequence → White Dwarf → Nebula
23. **Which term describes a symbiotic relationship where both species benefit?**
 A) Parasitism
 B) Mutualism
 C) Commensalism
 D) Competition

24. **What is the principal function of carbohydrates in most living organisms?**
A) Store genetic information
B) Serve as catalysts in biochemical reactions
C) Provide a primary source of energy
D) Supply essential amino acids
25. **Which statement best describes meiosis?**
A) Cell division producing two identical daughter cells
B) Cell division that forms gametes with half the usual number of chromosomes
C) Cell division occurring only in bacteria
D) Cell division that occurs only during embryo development
26. **What is the main difference between a lunar eclipse and a solar eclipse?**
A) During a lunar eclipse, Earth casts a shadow on the Moon; during a solar eclipse, the Moon casts a shadow on Earth
B) A lunar eclipse requires an alignment of the Sun, Earth, and Jupiter
C) A solar eclipse occurs at night, while a lunar eclipse occurs during the day
D) Lunar eclipses are visible only from the North Pole, while solar eclipses are visible only near the equator
27. **Which statement is true regarding chemical reactions?**
A) Products have different atoms than the reactants
B) Energy is always absorbed, never released
C) Mass is conserved; atoms are rearranged but not destroyed
D) Reaction rates cannot be changed by altering temperature
28. **Which structure in cells synthesizes proteins?**
A) Golgi apparatus
B) Mitochondria
C) Ribosomes
D) Vacuoles
29. **Which atmospheric gas is primarily responsible for blocking harmful ultraviolet (UV) radiation from the Sun?**
A) Oxygen
B) Ozone
C) Carbon monoxide
D) Nitrogen
30. **Which of the following describes potential energy?**
A) The energy of motion
B) The energy of an object due to its position or arrangement
C) The total energy of moving molecules
D) The energy used by plants to make sugars
31. **What is the role of roots in a plant?**
A) They provide structural support above ground
B) They absorb water and nutrients from the soil
C) They produce seeds for reproduction
D) They trap sunlight for photosynthesis
32. **What is the primary difference between a hypothesis and a theory in science?**
A) A hypothesis is an untested guess; a theory is a well-supported explanation
B) A hypothesis is a law; a theory is a guess
C) A hypothesis is always proven true; a theory can be false
D) A hypothesis is based on facts; a theory is based on opinions
33. **Which statement correctly describes a covalent bond?**
A) An attraction between positive and negative ions
B) A sharing of electron pairs between atoms
C) A bond formed by transferring electrons from one atom to another
D) A force that holds protons together in the nucleus
34. **Which best describes Newton's First Law of Motion (the law of inertia)?**
A) For every action, there is an equal

- and opposite reaction
B) The force on an object is equal to its mass times acceleration
C) An object in motion stays in motion unless acted upon by an external force
D) The acceleration of an object depends on both mass and speed
35. **Which body structure is responsible for filtering lymph and helping fight infection?**
A) Thyroid gland
B) Lymph nodes
C) Kidneys
D) Adrenal glands
36. **What happens during nuclear fission?**
A) Two lighter nuclei fuse to form a heavier nucleus
B) A heavy nucleus splits into two or more lighter nuclei
C) Electrons combine with protons to produce neutrons
D) Atoms lose electrons to form plasma
37. **Which characteristic is shared by all mammals?**
A) They lay eggs
B) They have lungs for respiration
C) They nurse their young with milk
D) They undergo metamorphosis
38. **What term describes a testable statement or prediction in a scientific investigation?**
A) Hypothesis
B) Theory
C) Law
D) Observation
39. **Which layer of Earth is composed primarily of molten iron and nickel?**
A) Inner core
B) Outer core
C) Lithosphere
D) Asthenosphere
40. **What is the function of xylem tissue in vascular plants?**
A) Carry glucose from leaves to roots
B) Transport water and minerals from roots to the rest of the plant
C) Protect the plant from pathogens
D) Store carbohydrates for energy reserve
-

Drag-and-Drop Questions (~4–6 Questions)

Question 1

Match each chemical process to its primary outcome:

- **Processes:**
 1. **Oxidation**
 2. **Fermentation**
 3. **Hydrolysis**
 4. **Photosynthesis**
 - **Outcomes:**
 - A) **Breakdown of compounds using water**
 - B) **Conversion of sugars to alcohol/acid in the absence of oxygen**
 - C) **Reaction with oxygen to form new substances (e.g., rust)**
 - D) **Conversion of light energy into chemical energy (glucose)**
-

Question 2

Match each planet to a unique characteristic:

- **Planets:**
 1. Saturn
 2. Neptune
 3. Earth
 4. Uranus
 - **Characteristics:**
 - A) Has a prominent ring system made mostly of ice and rock
 - B) Notable for its axial tilt, rotating almost on its side
 - C) Only known planet with liquid water covering a large surface area
 - D) Farthest known ice giant with intense blue coloration
-

Question 3

Arrange the following steps of protein synthesis in order (from first to last):

- **Steps:**
 1. tRNA brings amino acids to the ribosome
 2. mRNA travels from the nucleus to the cytoplasm
 3. DNA is transcribed into mRNA
 4. A polypeptide chain is formed
 - **Order Options** (drag to form correct sequence):
 - A) 3 → 2 → 1 → 4
 - B) 2 → 3 → 4 → 1
 - C) 3 → 1 → 2 → 4
 - D) 1 → 2 → 3 → 4
-

Question 4

Match each layer of Earth's atmosphere to its general characteristic:

- **Layers:**
 1. Troposphere
 2. Mesosphere
 3. Thermosphere
 4. Exosphere
- **Characteristics:**
 - A) Highest layer, gradually merging into space
 - B) Weather phenomena occur here
 - C) Coldest layer, meteors burn up here
 - D) Extremely thin air, auroras often visible

Question 5

Arrange the following organisms in a food chain from producer to top consumer:

- **Organisms:**
 1. **Hawk**
 2. **Grass**
 3. **Snake**
 4. **Grasshopper**
- **Positions** (drag in correct food chain sequence):
 - A) Grass → Grasshopper → Snake → Hawk
 - B) Snake → Hawk → Grass → Grasshopper
 - C) Grass → Snake → Grasshopper → Hawk
 - D) Grasshopper → Grass → Snake → Hawk

Fill-in-the-Blank Questions (~3–5 Questions)

1. In **human digestion**, the **stomach** produces _____ that helps break down food into smaller components.
2. A _____ is a device that uses a magnetic field to generate electric current in a coil of wire.
3. _____ is the measure of how hard it is for an electric current to flow through a circuit.
4. **When one tectonic plate dives beneath another**, the process is known as _____.
5. The _____ is the smallest unit of most compounds, formed by chemically bonded atoms.

Hotspot Questions (~2–4 Questions)

1. **On a diagram of a plant cell**, select the structure labeled “cell wall.”
2. **On a world map**, highlight the **Ring of Fire**, where many of Earth’s volcanoes and earthquakes occur.
3. **On a cross-section of a leaf**, point to the **palisade mesophyll**, where most photosynthesis takes place.
4. **On a solar system diagram**, click the orbit of **Venus**, the second planet from the Sun.

Short Answer Questions (~1–2 Questions)

1. **Explain how physical weathering differs from chemical weathering.** Provide an example of each.
2. **Discuss how ozone in the stratosphere benefits life on Earth.** Include a brief explanation of how human activities can affect ozone levels.

GED Exam: Social Studies Section

Multiple-Choice Questions

- Which early American document provided the first framework for self-government in the colonies?**
 - The U.S. Constitution
 - The Mayflower Compact
 - The Federalist Papers
 - The Northwest Ordinance
- Which of the following illustrates the principle of “consent of the governed”?**
 - A monarch claiming divine right
 - A dictator seizing power by force
 - Citizens voting in free and fair elections
 - A military council ruling without public input
- Which statement best describes the “Great Migration” of the early 20th century?**
 - The movement of European immigrants into Western states
 - The relocation of African Americans from the rural South to Northern cities
 - The westward expansion of American settlers for free farmland
 - The influx of gold miners to California in 1849
- What was the primary goal of the Lewis and Clark Expedition (1804–1806)?**
 - To secure an alliance with Native American tribes
 - To find a direct water route to China
 - To explore and map the newly acquired Louisiana Territory
 - To search for precious metals in the Rocky Mountains
- Which of the following best describes the purpose of the Monroe Doctrine (1823)?**
 - To promote friendly relations with European nations
 - To warn European powers against further colonization in the Americas
 - To create a permanent military alliance with Britain
 - To open up Asian markets for American goods
- Which economic concept describes the highest-valued alternative that is given up when a choice is made?**
 - Comparative advantage
 - Scarcity
 - Opportunity cost
 - Efficiency
- Which of the following is true of the U.S. Supreme Court’s power of judicial review?**
 - It allows the Court to write new legislation
 - It permits the Court to veto Congressional bills directly
 - It enables the Court to determine the constitutionality of laws
 - It gives the Court budgetary control over the states
- What was the primary motivation for the 13 colonies to declare independence from Britain in 1776?**
 - They wanted to adopt a monarchy
 - They sought to eliminate all taxes
 - They opposed taxation without representation
 - They wished to join forces with France
- Which amendment to the U.S. Constitution guarantees “due process” and protection against self-incrimination?**
 - First Amendment
 - Fifth Amendment

- C) Tenth Amendment
D) Fourteenth Amendment
10. **Which of the following was a major consequence of the 1929 Stock Market Crash in the United States?**
A) The outbreak of the Mexican–American War
B) Rapid growth of the technology sector
C) The onset of the Great Depression
D) The immediate end of Prohibition
11. **Which region of the United States is often referred to as the “Breadbasket” due to its extensive grain production?**
A) New England
B) The Great Plains
C) The Pacific Northwest
D) The Deep South
12. **What is one major outcome of the Spanish–American War (1898)?**
A) The purchase of Alaska from Russia
B) The annexation of Hawaii
C) U.S. acquisition of Puerto Rico and the Philippines
D) A formal alliance with Germany
13. **Who served as the principal author of the U.S. Constitution’s Federalist Papers, along with Alexander Hamilton and John Jay?**
A) James Madison
B) Thomas Paine
C) Patrick Henry
D) Benjamin Franklin
14. **Which amendment to the U.S. Constitution ended the practice of slavery nationwide?**
A) 13th Amendment
B) 14th Amendment
C) 15th Amendment
D) 21st Amendment
15. **What was a key objective of the Progressive Era (1890s–1920s) in the United States?**
A) Expansion of territorial holdings
B) Reduction of social and political reform
C) Curtailing government regulation of business
D) Addressing social injustices and political corruption
16. **Which nation was the United States’ principal adversary during the Cold War?**
A) Germany
B) The Soviet Union
C) Japan
D) Italy
17. **What is the primary function of the executive branch of the U.S. government?**
A) Interpreting laws
B) Making laws
C) Enforcing laws
D) Amending the Constitution
18. **Which of the following is an example of a primary source in historical research?**
A) An encyclopedia entry about the American Revolution
B) A biography of Abraham Lincoln published in 2020
C) A newspaper article analyzing World War II battles
D) A soldier’s diary from the Civil War era
19. **Which historical event greatly influenced the U.S. Civil Rights Movement by striking down “separate but equal” doctrine in public schools?**
A) Plessy v. Ferguson
B) Brown v. Board of Education
C) Roe v. Wade
D) Dred Scott v. Sandford
20. **Which concept is central to a market economy?**
A) Government price controls
B) The barter system
C) Supply and demand
D) Collective farming
-

Drag-and-Drop Questions (~3–5 Questions)

Question 1

Match each U.S. Supreme Court case to its key ruling:

- **Cases:**
 1. **Marbury v. Madison (1803)**
 2. **Dred Scott v. Sandford (1857)**
 3. **Miranda v. Arizona (1966)**
 4. **Loving v. Virginia (1967)**
 - **Key Rulings:**
 - A) **Individuals must be informed of their rights upon arrest**
 - B) **Judicial review established as a Supreme Court power**
 - C) **Ruled that laws prohibiting interracial marriage are unconstitutional**
 - D) **African Americans were not considered citizens under the Constitution (later overturned)**
-

Question 2

Arrange these events in **chronological order** (earliest to latest):

- **Events:**
 1. **Missouri Compromise**
 2. **Homestead Act**
 3. **13th Amendment Ratification**
 4. **Plessy v. Ferguson Decision**
- **Order Options** to Drag (place 1 → 2 → 3 → 4 in correct sequence):
 - A) Missouri Compromise (1820) → Homestead Act (1862) → 13th Amendment (1865) → Plessy v. Ferguson (1896)
 - B) Homestead Act (1862) → 13th Amendment (1865) → Plessy v. Ferguson (1896) → Missouri Compromise (1820)
 - C) Plessy v. Ferguson (1896) → Missouri Compromise (1820) → 13th Amendment (1865) → Homestead Act (1862)
 - D) 13th Amendment (1865) → Missouri Compromise (1820) → Homestead Act (1862) → Plessy v. Ferguson (1896)

(You will choose the correct order by matching each event's approximate date.)

Question 3

Match each U.S. historical figure to the **role or achievement** they are most famously associated with:

- **Figures:**

1. **Susan B. Anthony**
 2. **Frederick Douglass**
 3. **Booker T. Washington**
 4. **Eleanor Roosevelt**
- **Roles/Achievements:**
 - A) **Advocated for vocational education for African Americans (Tuskegee Institute)**
 - B) **Leading voice for women's suffrage, co-founded National Woman Suffrage Association**
 - C) **Abolitionist, orator, and author of "Narrative of the Life of..."**
 - D) **Redefined the role of First Lady, championing human rights**
-

Question 4

Arrange these major eras in U.S. History from **earliest** to **most recent**:

- **Eras:**
 1. **Reconstruction Era**
 2. **Progressive Era**
 3. **Gilded Age**
 4. **Civil Rights Era**
- **Order Options** (Drag 1 → 2 → 3 → 4 to form correct timeline):
 - A) Gilded Age → Reconstruction → Progressive Era → Civil Rights Era
 - B) Reconstruction → Gilded Age → Progressive Era → Civil Rights Era
 - C) Progressive Era → Gilded Age → Reconstruction → Civil Rights Era
 - D) Civil Rights Era → Progressive Era → Reconstruction → Gilded Age

(Match approximate date ranges, e.g., Reconstruction (1865–1877), Gilded Age (~1870s–1900), Progressive Era (~1890s–1920s), Civil Rights Era (1950s–1960s).)

Question 5

Match each economic concept to its **definition**:

- **Concepts:**
 1. **Scarcity**
 2. **Opportunity Cost**
 3. **Inflation**
 4. **Gross Domestic Product (GDP)**
 - **Definitions:**
 - A) **The total value of all goods and services produced within a country**
 - B) **A general increase in prices across an economy**
 - C) **Limited resources vs. unlimited wants**
 - D) **The highest-valued alternative forgone when making a decision**
-

Fill-in-the-Blank Questions (~3–5 Questions)

1. The _____ (1867–1877) followed the Civil War, focusing on integrating formerly enslaved people into society and rebuilding the Southern states.
 2. The _____ of Rights is another term used for the first 10 amendments to the U.S. Constitution.
 3. In economics, the term “_____” describes how prices and output are determined by supply and demand, rather than central planning.
 4. _____ was an era of American history marked by rapid industrialization, big business growth, and often stark wealth inequality (roughly 1870–1900).
 5. The policy known as _____ in the 1800s argued that it was America’s destiny to expand across the entire North American continent.
-

Drop-Down Questions (~2–4 Questions)

1. **Which** document formally **separated** the American colonies from Britain?
[Select One]
 - A) **Declaration of Independence**
 - B) U.S. Constitution
 - C) Articles of Confederation
 2. The **Supreme Court** is the [Select One] branch that **interprets** U.S. laws.
 - A) Legislative
 - B) Judicial
 - C) Executive
 3. **Which** global conflict was primarily **sparked** by the assassination of Archduke Franz Ferdinand in 1914?
[Select One]
 - A) **World War I**
 - B) World War II
 - C) The Korean War
 4. **Which** amendment to the U.S. Constitution **guarantees the right to bear arms**?
[Select One]
 - A) 1st Amendment
 - B) **2nd Amendment**
 - C) 4th Amendment
-

Hotspot Questions (~1–3 Questions)

1. **On a map of the United States**, identify the **original 13 colonies** along the Atlantic coast.
2. **On a timeline of the 20th century**, click the **year** marking the start of the Great Depression (1929).
3. **On a diagram of the three branches of government**, highlight the **Judicial Branch** that **interprets** laws.

(In a digital exam, you'd click/tap the relevant area rather than writing a textual answer.)

Extended Response (Short Essay)

Prompt

“The U.S. Constitution is often praised for its system of checks and balances, which distributes power among the legislative, executive, and judicial branches. Analyze how these checks and balances function in practice. Discuss the roles each branch plays, provide a real or historical example of one branch limiting the power of another, and explain why this design is considered essential for preserving democracy.”

EXAM 9

Full-Length GED Practice Test: Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (45 Questions)

- Which sentence best states the main idea of the following passage?**
“Gardening can significantly improve mental health. Research has shown that individuals who regularly tend to plants report lower stress levels and a greater sense of well-being.”
 - Gardening is a waste of time for most people.
 - Regular gardening can help reduce stress and boost happiness.
 - Research proves that all types of exercise lower stress.
 - The more plants you have, the more money you save.
- Which sentence uses the correct pronoun?**
 - Somebody forgot to bring their umbrella.
 - Somebody forgot to bring our umbrella.
 - Somebody forgot to bring they’re umbrella.
 - Somebody forgot to bring its umbrella.
- What is the author’s purpose in the following statement?**
“Spending time in nature encourages creativity and relaxation, making outdoor activities an excellent way to recharge one’s mind.”
 - To inform readers about the benefits of spending time outside
 - To entertain readers with humorous anecdotes
 - To persuade readers to avoid all physical activity
 - To criticize people who dislike the outdoors
- Choose the option that best combines these sentences:**
“Maria completed her sales report. She presented it to her supervisor.”
 - Maria completed her sales report, and then she presented it to her supervisor.
 - Maria completed her sales report, she presented it to her supervisor.
 - Maria completed her sales report therefore she presented it to her supervisor.
 - Maria completed her sales report: she presented it to her supervisor was next.
- Which is the best definition of the term “topic sentence” in a paragraph?**
 - A statement that summarizes the main point of the paragraph
 - A detail that shows how to transition between paragraphs
 - A concluding statement that ends the paragraph
 - A question posed at the start to engage readers
- Which sentence demonstrates correct subject-verb agreement?**
 - The herd of buffalo were roaming the plains.
 - The herd of buffalo are roaming the plains.
 - The herd of buffalo was roaming the plains.
 - The herd of buffalo be roaming the plains.
- Which word is spelled incorrectly?**
 - Laboratory
 - Development
 - Occasion
 - Recognize
- What does the word “scrupulous” mean in the sentence below?**
“He was scrupulous in reviewing the legal contract, making sure every clause

was fair.”

- A) Careless and hasty
 - B) Honest and precise
 - C) Uncertain and fearful
 - D) Eager and enthusiastic
9. **Which sentence uses parallel structure?**
- A) She enjoys running in the park, to eat fruit snacks, and reading mystery novels.
 - B) She enjoys running, eating fruit snacks, and reading mystery novels.
 - C) She enjoys to run in the park, eating fruit snacks, and reads mystery novels.
 - D) She enjoys running, to eat fruit snacks, and read mystery novels.
10. **Which of the following pairs are homophones?**
- A) Peace / piece
 - B) Metal / medal
 - C) Wonder / wander
 - D) Affect / effect
11. **Which sentence is written in the passive voice?**
- A) The police officer wrote a warning ticket.
 - B) The committee announced the results.
 - C) A warning ticket was issued by the police officer.
 - D) The committee will announce the results on Monday.
12. **What is the tone of this sentence?**
“Even though the team lost several games, they remained hopeful and confident for the rest of the season.”
- A) Cynical
 - B) Pessimistic
 - C) Optimistic
 - D) Furious
13. **What is the main idea of the following passage?**
“Conserving water has become a priority in many regions. Simple measures such as fixing leaks and using efficient irrigation can greatly reduce water waste and protect local resources.”
- A) People should use as much water as they want.
 - B) Water conservation helps protect resources and reduce waste.
 - C) Irrigation methods are always expensive and ineffective.
 - D) Leaks in homes rarely contribute to water waste.
14. **Which sentence uses correct punctuation for items in a series?**
- A) We need flour sugar eggs and vanilla.
 - B) We need flour, sugar, eggs, and vanilla.
 - C) We need flour, sugar eggs, and vanilla.
 - D) We need flour sugar, eggs, and vanilla.
15. **Which phrase is an example of a metaphor?**
- A) Life is a roller coaster of emotions.
 - B) She bounced like a rubber ball.
 - C) The sunlight glowed as bright as a diamond.
 - D) He sings as though he’s a canary.
16. **What is the purpose of a concluding statement in a paragraph?**
- A) To shift abruptly to a new topic
 - B) To summarize the main idea and close the discussion
 - C) To introduce conflicting perspectives
 - D) To list all cited references
17. **Choose the best synonym for “industrious.”**
- A) Lazy
 - B) Creative
 - C) Hardworking
 - D) Impatient
18. **Which sentence demonstrates the correct use of a semicolon?**
- A) The marathon was challenging; I felt a sense of accomplishment afterward.
 - B) The marathon was challenging, I felt a sense of accomplishment afterward.
 - C) The marathon was challenging; yet accomplished it I felt.
 - D) The marathon was challenging; but, I felt exhausted and disappointed.

19. **Which of the following is a complex sentence?**
 A) They shopped for groceries and then cooked dinner.
 B) Because the roads were icy, they postponed the trip.
 C) The sun rose, and the birds started chirping.
 D) They postponed the trip, but they still planned to travel soon.
20. **Which sentence contains a prepositional phrase?**
 A) The chef will experiment tomorrow.
 B) My sister laughed loudly.
 C) The dog hid behind the couch.
 D) I smiled happily.
21. **What is the best way to combine these sentences?**
“He checked the hotel reservation. Later, he confirmed the flight details.”
 A) He checked the hotel reservation, then later confirmed the flight details.
 B) He checked the hotel reservation he confirmed the flight details later.
 C) He checked the hotel reservation; also he confirmed the flight details.
 D) He checked the hotel reservation before confirming the flight details.
22. **Which of the following words is a homonym (same spelling, different meaning)?**
 A) Hour (time) / our (belonging to us)
 B) Tear (rip) / tear (drop from the eye)
 C) Road (street) / rode (past tense of ride)
 D) Pair (two of something) / pear (fruit)
23. **What is the meaning of the word “heedless”?**
 A) Extremely cautious and mindful
 B) Careless, without paying attention
 C) Filled with positive energy
 D) Following a strict set of rules
24. **Which sentence is incorrectly punctuated?**
 A) “Will you be home soon?” she asked.
 B) “That was a fantastic performance,” he said.
- C) “Please pass the salt!” exclaimed Myra.
 D) “I guess I’ll leave now”. replied Marcus.
25. **Which sentence best conveys the concept of irony?**
 A) “I brought an umbrella because it might rain.”
 B) “The librarian couldn’t find her own library book.”
 C) “Her voice was as gentle as a whisper.”
 D) “We decided to walk slowly through the park.”
26. **Which literary device gives human qualities to an inanimate object?**
 A) Metaphor
 B) Alliteration
 C) Personification
 D) Hyperbole
27. **What is the main idea of the following paragraph?**
“Public transit systems can significantly reduce traffic congestion. By offering efficient bus and train routes, cities encourage residents to rely less on personal vehicles.”
 A) Public transit has no impact on traffic.
 B) Efficient transit systems can alleviate traffic problems.
 C) Driving personal cars is cheaper than taking the bus.
 D) Trains are more entertaining than buses.
28. **Which sentence uses the correct verb tense?**
 A) Last year, we travels to New York.
 B) Last year, we travel to New York.
 C) Last year, we traveled to New York.
 D) Last year, we are traveling to New York.
29. **Which transition word signals a contrast between ideas?**
 A) Additionally
 B) Likewise
 C) Conversely
 D) Consequently

30. **Which of the following is an example of figurative language rather than literal language?**
A) "The house has three bedrooms and two bathrooms."
B) "His heart pounded like thunder in his chest."
C) "They left at exactly six o'clock this morning."
D) "There are six people signed up for the tour."
31. **What does the underlined phrase convey in the sentence below?**
"She felt butterflies in her stomach before the performance."
A) She had a sudden illness.
B) She was excited and nervous.
C) She saw insects on stage.
D) She was hungry for a snack.
32. **Which sentence best demonstrates correct parallel structure?**
A) Tim needed to focus on finishing his essay, completing his lab work, and to review his vocabulary.
B) Tim needed to focus on finishing his essay, completing his lab work, and reviewing his vocabulary.
C) Tim needed to focus on finishing, completes lab work, and to review vocabulary.
D) Tim needed to focus on finishing his essay, complete his lab work, and he was reviewing his vocabulary.
33. **Which sentence is a run-on sentence?**
A) We arrived early, so we found great seats.
B) She made dinner it took an hour to cook.
C) We studied hard and passed the exam.
D) He took notes, but he missed some key points.
34. **Which word is a synonym for "imperative"?**
A) Optional
B) Confusing
C) Urgent
D) Minor
35. **What is the effect of using sensory details in descriptive writing?**
A) It persuades the reader that the writer's opinion is correct.
B) It provides step-by-step instructions for a process.
C) It allows readers to experience the scene more vividly.
D) It simplifies complex facts into short statements.
36. **Which sentence correctly uses a colon?**
A) There is only one solution to the problem, diligence and patience.
B) There is only one solution, to the problem: diligence and patience.
C) There is only one solution to the problem: diligence and patience.
D) There: is only one solution to the problem diligence and patience.
37. **Which sentence is the best example of a compound sentence?**
A) Because the weather was stormy, the picnic was canceled.
B) They adopted a puppy, and they also bought new supplies for it.
C) Although they practiced daily, they never perfected the choreography.
D) While we waited for the train, we played a card game.
38. **Which is the correct way to spell the adjective meaning "fully aware or alert"?**
A) Concious
B) Conscious
C) Conscous
D) Conscionus
39. **Which sentence contains an adverb modifying a verb?**
A) The restaurant's lighting was dim.
B) She spoke eloquently during the presentation.
C) Their new couch was incredibly comfortable.
D) My neighbor's garden is lovely in spring.
40. **What does the phrase "pull someone's leg" mean in the sentence**

below?

“He said he won the lottery, but I think he’s just pulling my leg.”

- A) Physically dragging someone across the floor
 - B) Joking or teasing someone playfully
 - C) Encouraging someone to join a contest
 - D) Helping someone stand up
41. **Which sentence uses the correct form of “their,” “there,” or “they’re”?**
- A) Their going to be late to the rehearsal.
 - B) The tourists left there luggage at the hotel.
 - C) They’re renting a car for their road trip.
 - D) There planning a surprise party for John.
42. **Which sentence has the correct pronoun-antecedent agreement?**
- A) Each participant must bring their own water bottle.
 - B) Each participant must bring his or her own water bottle.
 - C) Each participant must bring your own water bottle.

D) Each participant must bring our own water bottle.

43. **Which literary device is used when an author hints at events to come later in the story?**
- A) Personification
 - B) Foreshadowing
 - C) Symbolism
 - D) Hyperbole
44. **Which sentence is punctuated correctly?**
- A) He asked “Can you help me with this?”
 - B) He asked, “Can you help me with this”?
 - C) He asked, “Can you help me with this?”
 - D) He asked “can you help me with this?”
45. **Which sentence is written in active voice?**
- A) The decision was made by the jury.
 - B) The documents were reviewed by the lawyer.
 - C) The jury announced its verdict late in the afternoon.
 - D) The verdict was announced by the jury on Friday.

Drop-Down Questions (5 Questions)

Question 1

Which transition word best completes the sentence?

“The original blueprint required multiple revisions; _____, everything was finalized on schedule.”

[Select One]

- A) *meanwhile*
- B) *nonetheless*
- C) *in contrast*

Question 2

Which verb tense best completes the sentence?

“By the end of next month, the committee _____ a final decision on the new policy.”

[Select One]

- A) *will have reached*
 - B) *has reached*
 - C) *had reached*
-

Question 3

What is the primary role of a conclusion in an essay?

[Select One]

- A) To present new evidence that challenges the thesis
 - B) To restate key points and finalize the argument
 - C) To introduce a brand-new counterargument
-

Question 4

Choose the correct pronoun to complete the sentence:

“None of the applicants remembered _____ credentials before the interview.”

[Select One]

- A) *their*
 - B) *his or her*
 - C) *our*
- (Traditional grammar rules suggest “his or her,” but modern usage often accepts “their” as gender-neutral.)
-

Question 5

Select the word that best completes the sentence:

“She studied diligently for the exam; _____, her scores improved significantly.”

[Select One]

- A) *however*
 - B) *consequently*
 - C) *likewise*
-

Fill-in-the-Blank Questions (5 Questions)

1. A concise statement that expresses the central argument of an essay is called a _____.
2. _____ refers to the author’s attitude toward the subject, conveyed through style and wording.
3. The narrative perspective from which a story is told is known as _____.
4. A word that modifies a noun or pronoun is called an _____.

5. When listing three or more items in a sentence, commas should be used to separate each _____.
-

Extended Response (Essay)

Prompt

“Remote work has become increasingly common due to technological advancements and evolving workplace cultures. While it offers flexibility and can eliminate lengthy commutes, it also raises concerns about isolation, at-home distractions, and blurred boundaries between personal and professional life. Some organizations are fully embracing remote teams, praising cost savings and global talent pools, while others remain skeptical about productivity and team cohesion outside the traditional office environment. The debate continues: Is remote work a sustainable model for the future?”

Analyze how the author builds an argument to explore the impact of remote work. Discuss the use of evidence, reasoning, and stylistic elements, and provide specific examples from the passage to support your analysis.”

Full-Length GED Practice Test: Mathematical Reasoning

Section: Multiple-Choice Questions (25 Questions)

- Solve for x:
 $3x + 1 = 19$
A) $x = 5$
B) $x = 6$
C) $x = 4$
D) $x = 3$
- A square has a side length of 6 cm.
What is its area?
A) 12 cm^2
B) 24 cm^2
C) 36 cm^2
D) 18 cm^2
- Evaluate:
 $6^2 - 3^2$
A) 9
B) 27
C) 36
D) 45
- Which fraction is equivalent to $\frac{2}{3}$?
A) $\frac{4}{8}$
B) $\frac{6}{9}$
C) $\frac{9}{15}$
D) $\frac{8}{10}$
- Convert 75% to a decimal.
A) 0.075
B) 7.5
C) 0.75
D) 75.0
- What is the slope of the line $y = 2x - 6$?
A) -6
B) 2
C) -2
D) 6
- Find the area of a triangle with a base of 12 cm and a height of 8 cm.
A) 48 cm^2
B) 96 cm^2
C) 20 cm^2
D) 72 cm^2
- Simplify: $(3x^3)(4x^2)$
A) $7x^5$
B) $12x^6$
C) $12x^5$
D) $7x^6$
- Convert $\frac{7}{8}$ to a decimal.
A) 0.78
B) 0.875
C) 0.7
D) 0.58
- If $x = 5$, evaluate $2x^2 + 3$.
A) 53
B) 55
C) 28
D) 23
- Solve for x:
 $\frac{x}{4} = 10$
A) $x = 2$
B) $x = 14$
C) $x = 40$
D) $x = 20$
- What is the sum of the interior angles of a pentagon (5 sides)?
A) 360°
B) 540°
C) 720°
D) 900°
- Calculate:
 $\frac{2}{3} + \frac{1}{6}$
A) $\frac{5}{6}$
B) $\frac{7}{6}$
C) $\frac{1}{2}$
D) $\frac{3}{6}$
- If 12 oranges cost 4.80, what is the cost of 1 orange? A) 0.

- 40
 B) 0.80 C) 0.50
 D) \$0.25
15. Expand: $(x - 2)^2$
 A) $x^2 - 4x + 4$
 B) $x^2 - 2x$
 C) $x^2 + 4x + 4$
 D) $x^2 - 4$
16. Convert $1/8$ into a decimal.
 A) 0.125
 B) 0.12
 C) 0.25
 D) 0.08
17. What is the Greatest Common Divisor (GCD) of 18 and 24?
 A) 6
 B) 3
 C) 9
 D) 12
18. Solve for x:
 $5x - 7 = 18$
 A) $x = 11$
 B) $x = 5$
 C) $x = 25$
 D) $x = 3$
19. What is the measure of each interior angle of a rectangle?
 A) 60°
 B) 90°
 C) 120°
 D) 45°
20. A bag contains 6 red marbles and 2 green marbles. What is the probability of randomly selecting a green marble?
- A) $6/8$
 B) $2/8$
 C) $3/6$
 D) $1/2$
21. Evaluate:
 4^3
 A) 12
 B) 64
 C) 16
 D) 8
22. A cube has edge length 5 units. What is its volume?
 A) 25 cubic units
 B) 75 cubic units
 C) 125 cubic units
 D) 60 cubic units
23. Calculate:
 $4^2 + 3^2$
 A) 7
 B) 16
 C) 21
 D) 25
24. A rectangle has a length of 8 and a width of 7. What is its perimeter?
 A) 15
 B) 30
 C) 28
 D) 56
25. Which of the following is a solution to the equation $x^2 = 36$?
 A) $x = 4$
 B) $x = -6$
 C) $x = 9$
 D) $x = 8$

Drag-and-Drop Questions (5–7 Questions)

Question 1

Match each linear equation to its correct solution. Drag the solution to the corresponding equation:

Equations

3. $3x - 1 = 8$
4. $2x + 6 = 16$
5. $4x - 2 = 14$
6. $x - 3 = 7$

Solutions

- A) $x = 3$
- B) $x = 5$
- C) $x = 4$
- D) $x = 10$

(For example, drag “ $x = 3$ ” to whichever equation is solved by that value.)

Question 2

Drag each type of quadrilateral to its defining characteristic:

Quadrilaterals

1. Trapezoid
2. Rectangle
3. Rhombus
4. Square

Characteristics

- A) Exactly one pair of parallel sides
 - B) Four right angles
 - C) Four congruent sides
 - D) Four right angles and four congruent sides
-

Question 3

Arrange these rational numbers **in ascending order** (smallest to largest). The numbers are:
 $3/4$, 0.8 , $2/5$, $1/3$

Options to place in order:

- A) $3/4$
 - B) 0.8
 - C) $2/5$
 - D) $1/3$
-

Question 4

Match each formula to the correct 3D shape's volume:

Shapes

1. Cone
2. Triangular Prism

3. Cylinder
4. Sphere

Volume Formulas

- A) $V = \frac{1}{3}\pi r^2 h$
- B) $V = \frac{1}{2} \cdot \text{base} \cdot \text{height} \times \text{length}$
- C) $V = \pi r^2 h$
- D) $V = \frac{4}{3}\pi r^3$

(Where r = radius, “base” and “height” refer to the triangle’s dimensions in a prism, etc.)

Question 5

Arrange the following fractions **from largest to smallest** (descending order):

$5/6$, $4/9$, $7/8$, $2/7$

Options (to drag in descending order):

- A) $5/6$
- B) $4/9$
- C) $7/8$
- D) $2/7$
-

Fill-in-the-Blank Questions (4–6 Questions)

1. If $x = 4$, evaluate $6x + 3$. **Enter the result as an integer.**
 2. A line passing through $(2,1)$ and $(4,5)$ has a slope of _____.
 3. The product of 7 and 8 is _____.
 4. What is the volume of a cube whose edge length is 5 units? **Enter your answer as an integer.**
 5. A decimal that repeats a pattern of digits (like $0.565656\dots$) is called a _____ decimal.
-

Hotspot Questions (3–5 Questions)

1. On a coordinate plane, **select the point** that satisfies $(x, y) = (-2, 3)$.
 2. On a number line ranging from -4 to 4 , **click the position** corresponding to $\frac{5}{2}$.
 3. On a circle diagram labeled with radius, diameter, and circumference, **select the segment** that represents the **radius**.
-

Short Answer Questions (1–2 Questions)

1. A store advertises a **25% discount** on a \$40 item. **What is the final price** the customer pays after the discount?
2. If a car travels **300 miles** in **6 hours**, **what is its average speed** in miles per hour?

GED Exam: Science Section

Multiple-Choice Questions

- Which organelle is primarily responsible for packaging and sorting proteins in eukaryotic cells?**
 - Lysosomes
 - Golgi apparatus
 - Mitochondria
 - Ribosomes
- What is the term for a group of organisms of the same species living in a specific area?**
 - Community
 - Population
 - Ecosystem
 - Biome
- Which factor does *not* affect the rate of a chemical reaction?**
 - Temperature
 - Presence of a catalyst
 - Particle size
 - The color of the reactants
- Which answer best describes the function of the endocrine system in the human body?**
 - Transmitting electrical signals between cells
 - Producing hormones to regulate body processes
 - Filtering blood and removing waste
 - Breaking down nutrients for absorption
- Which stage of the water cycle involves water vapor cooling and changing back into liquid droplets?**
 - Evaporation
 - Transpiration
 - Condensation
 - Precipitation
- Which statement about the Sun is true?**
 - It is composed primarily of solid iron
 - It is a medium-sized star consisting mostly of hydrogen and helium
 - It generates energy through chemical combustion
 - It orbits around the Earth every 365 days
- In genetics, which term describes the physical expression of an organism's genes?**
 - Genotype
 - Phenotype
 - Mutation
 - Genome
- Which layer of Earth lies between the outer core and the crust?**
 - Mantle
 - Inner core
 - Lithosphere
 - Asthenosphere
- What is the main purpose of conducting a controlled experiment in the scientific method?**
 - To produce theoretical concepts without testing
 - To manipulate multiple variables at once
 - To isolate the effect of a single variable
 - To confirm all hypotheses are correct
- Which of the following best describes the function of chloroplasts in plant cells?**
 - Converting light energy into chemical energy (photosynthesis)
 - Storing genetic information
 - Providing structural support to the cell membrane
 - Digesting cellular waste and debris
- Which statement about pH is *correct*?**
 - A solution with pH 7 is strongly acidic
 - A solution with pH 2 is basic

- C) A solution with pH above 7 is basic
D) pH measures the temperature of a solution
12. **In a food chain, which type of organism breaks down dead organic matter into simpler substances?**
A) Producer
B) Decomposer
C) Primary consumer
D) Secondary consumer
13. **Which process involves the movement of water molecules through a selectively permeable membrane from high to low concentration?**
A) Diffusion
B) Osmosis
C) Active transport
D) Filtration
14. **What is the main function of red blood cells in the human body?**
A) Fighting infections
B) Transporting oxygen
C) Producing blood clots
D) Controlling heart rate
15. **Which statement best describes the greenhouse effect?**
A) It is caused by Earth's magnetic field
B) It is the trapping of heat by certain gases in Earth's atmosphere
C) It refers to the destruction of the ozone layer
D) It is the reflection of sunlight away from Earth's surface
16. **Which form of energy is associated with the motion of objects?**
A) Kinetic energy
B) Potential energy
C) Chemical energy
D) Thermal energy
17. **During which phase of mitosis do the duplicated chromosomes line up in the middle of the cell?**
A) Prophase
B) Metaphase
C) Anaphase
D) Telophase
18. **What is the basic unit of matter, consisting of protons, neutrons, and electrons?**
A) Molecule
B) Ion
C) Atom
D) Compound
19. **Which atmospheric layer contains the ozone layer that helps protect life on Earth from UV radiation?**
A) Troposphere
B) Stratosphere
C) Mesosphere
D) Thermosphere
20. **Which statement best explains why earthquakes occur at plate boundaries?**
A) Plates are stationary, causing the Earth's crust to expand
B) Plates move and interact, releasing built-up stress
C) Earthquake activity is random and does not involve plates
D) Plate boundaries only exist in oceanic regions
21. **Which component of blood is mainly responsible for clotting at a wound site?**
A) Plasma
B) Platelets
C) White blood cells
D) Red blood cells
22. **What is the name of the process by which plants lose water vapor through small openings in their leaves?**
A) Transpiration
B) Condensation
C) Respiration
D) Sublimation
23. **Which statement describes conduction of heat?**
A) Heat transfer by electromagnetic waves
B) Heat transfer by circulation of fluids
C) Heat transfer through direct contact between materials
D) Heat transfer through vacuum regions in space

24. **Which term refers to the sum of all chemical reactions within an organism?**
A) Metabolism
B) Homeostasis
C) Mitosis
D) Biosynthesis
25. **Which phenomenon explains why a straw looks “bent” when placed in a glass of water?**
A) Reflection
B) Refraction
C) Diffraction
D) Interference
26. **What is the *primary* function of the large intestine in the human digestive system?**
A) Digest proteins
B) Absorb nutrients into the bloodstream
C) Remove water from undigested waste
D) Neutralize stomach acid
27. **Which factor is *not* required for the process of photosynthesis in green plants?**
A) Carbon dioxide
B) Water
C) Sunlight
D) Nitrogen gas
28. **What is the main advantage of sexual reproduction for a species?**
A) Increased genetic variation among offspring
B) Rapid multiplication of identical individuals
C) Creation of offspring without the need for gametes
D) Elimination of genetic diversity
29. **Which layer of the Sun is visible during a total solar eclipse as a thin, glowing halo?**
A) Photosphere
B) Corona
C) Core
D) Chromosphere
30. **Which event occurs during cellular respiration?**
A) Energy in glucose is released to form ATP
B) Solar energy is converted into chemical energy
C) Water molecules split to release oxygen
D) Carbon dioxide is stored in the chloroplasts
31. **Which law states that the volume of a gas increases when its temperature increases at constant pressure?**
A) Boyle’s Law
B) Charles’s Law
C) Newton’s Law
D) Coulomb’s Law
32. **Which molecule is the main source of immediate energy for cellular processes?**
A) DNA
B) RNA
C) ATP
D) NADPH
33. **Which event triggers the formation of a metamorphic rock?**
A) Cooling of magma or lava
B) Deposition and compaction of sediments
C) Exposure to extreme heat and pressure
D) Chemical weathering of surface rocks
34. **What causes the phases of the Moon as observed from Earth?**
A) Earth’s shadow falling on the Moon every night
B) Changes in the Moon’s shape due to internal forces
C) Different portions of the Moon’s sunlit side visible from Earth
D) The Moon’s distance from Earth constantly changing
35. **Which statement about gravitational force is correct?**
A) It exists only between Earth and objects on Earth
B) It acts only when objects are in direct contact
C) It increases as the mass of the objects

- increases
D) It is stronger at larger distances
36. **Which organ is primarily responsible for the absorption of nutrients in the digestive system?**
A) Stomach
B) Small intestine
C) Large intestine
D) Gallbladder
37. **Which physical property remains constant during a phase change, such as melting or boiling?**
A) Temperature
B) Density
C) Volume
D) Mass
38. **Which statement correctly describes a gene?**
A) A gene is a type of carbohydrate stored in cells
B) A gene is a segment of DNA that codes for a specific protein
C) A gene is an organelle within the nucleus
D) A gene is the total set of chromosomes in a cell
39. **What is the function of the alveoli in the human respiratory system?**
A) To moisten and warm inhaled air
B) To transport oxygen through the bloodstream
C) To exchange oxygen and carbon dioxide with blood
D) To trap and remove pathogens from the airway
40. **Which statement best explains why metals are good conductors of electricity?**
A) Their electrons are tightly bound to each atom
B) Their electrons are free to move within the metal's structure
C) They have very low melting points
D) They contain no protons in the nucleus

Drag-and-Drop Questions (~4–6 Questions)

Question 1

Match each type of chemical bond to its definition:

- **Types of Bonds:**
 1. Ionic Bond
 2. Covalent Bond
 3. Hydrogen Bond
 4. Metallic Bond
 - **Definitions:**
 - A) A relatively weak attraction between a hydrogen atom in one molecule and an electronegative atom in another
 - B) A bond formed by the transfer of electrons, creating positively and negatively charged ions
 - C) A bond formed by sharing electron pairs between atoms
 - D) A bond where positively charged metal ions share a “sea” of free electrons
-

Question 2

Match each major body system with one of its primary functions:

- **Body Systems:**
 1. Skeletal System
 2. Muscular System
 3. Circulatory System
 4. Nervous System
 - **Functions:**
 - A) Carries oxygen and nutrients via blood to cells throughout the body
 - B) Provides support and protection for internal organs
 - C) Coordinates responses using electrical signals
 - D) Enables movement and maintains posture
-

Question 3

Arrange the following steps of the water cycle in the correct order (from first to last):

1. Water condenses into clouds
2. Water evaporates from surfaces
3. Water falls as precipitation
4. Water collects in bodies such as rivers and lakes

Order Options (drag to form the correct sequence):

- A) 1 → 2 → 3 → 4
 - B) 2 → 1 → 3 → 4
 - C) 3 → 4 → 1 → 2
 - D) 4 → 1 → 2 → 3
-

Question 4

Match each “sphere” of Earth to its primary component:

- **Earth’s Spheres:**
 1. Lithosphere
 2. Hydrosphere
 3. Atmosphere
 4. Biosphere
 - **Components:**
 - A) Comprises Earth’s waters, including oceans, rivers, and lakes
 - B) Includes all living organisms
 - C) Outermost rigid layer of Earth (crust and upper mantle)
 - D) The layer of gases surrounding Earth
-

Question 5

Arrange the following electromagnetic waves from the longest wavelength to the shortest wavelength:

1. Infrared
2. Gamma Rays
3. Visible Light
4. Radio Waves

Order Options (drag to form the correct sequence):

- A) Radio → Infrared → Visible → Gamma
- B) Infrared → Visible → Gamma → Radio
- C) Gamma → Visible → Infrared → Radio
- D) Visible → Infrared → Radio → Gamma

Fill-in-the-Blank Questions (~3–5 Questions)

1. In an electric circuit, the amount of **push** or **potential difference** is measured in _____ (V).
2. The simplest whole-number ratio of atoms in a compound is called its _____ formula.
3. A _____ is a substance that speeds up a chemical reaction without being consumed in the process.
4. When the solute concentration outside a cell is higher than inside, the surrounding solution is said to be _____.
5. The _____ principle states that the buoyant force on an object immersed in a fluid is equal to the weight of the fluid displaced.

Hotspot Questions (~2–4 Questions)

1. On a detailed diagram of the female reproductive system, **select** the uterus.
2. On a cross-sectional diagram of Earth, **highlight** the mantle between the crust and the outer core.
3. On an electromagnetic spectrum chart, **click** the region labeled “Ultraviolet (UV)” radiation.
4. On a plant stem cross section, **identify** the phloem tissue, which transports sugars.

Short Answer Questions (~1–2 Questions)

1. **Describe two key differences between reflection and refraction of light**, providing a clear example of each phenomenon.
2. **Explain how changes in atmospheric carbon dioxide levels** can influence global climate patterns. Include **one human activity** that may alter these CO₂ levels.

GED Exam: Social Studies Section

Multiple-Choice Questions

- Which of the following best describes the concept of “Manifest Destiny”?**
 - The belief that monarchs have divine rights to rule
 - The idea that the United States was destined to expand across North America
 - A call for European powers to colonize new regions
 - The principle that all nations should avoid territorial growth
- What was one of the primary purposes of the Federalist Papers (1787–1788)?**
 - To argue against American independence from Britain
 - To persuade states to approve the new U.S. Constitution
 - To promote the immediate abolition of slavery in all states
 - To advocate for a return to a monarchy
- Which event triggered the formal start of World War I in 1914?**
 - The sinking of the Lusitania
 - The assassination of Archduke Franz Ferdinand of Austria-Hungary
 - Germany’s invasion of Poland
 - The attack on Pearl Harbor
- Which principle of government involves the division of power between the national government and state governments?**
 - Popular sovereignty
 - Checks and balances
 - Federalism
 - Due process
- Which of the following was a key effect of the Emancipation Proclamation issued by President Abraham Lincoln in 1863?**
 - It abolished slavery in all Northern states
 - It immediately ended slavery in all U.S. territories
 - It declared enslaved people in Confederate-controlled areas to be free
 - It established voting rights for all citizens regardless of race
- What was a major cause of the War of 1812 between the United States and Britain?**
 - British impressment of American sailors
 - The United States’ desire to ally with France
 - Disputes over the U.S.–Mexican border
 - U.S. embargoes on goods imported from Canada
- Which major economic issue did the Sherman Antitrust Act (1890) address?**
 - Regulation of the banking system
 - Income tax reform
 - Limiting monopolies and promoting competition
 - Establishing minimum wage laws
- Which of the following accurately defines a “bicameral” legislature?**
 - A system with a single legislative house
 - A judicial body that has two levels of courts
 - A legislature divided into two separate chambers or houses
 - A parliamentary system with no executive branch
- Which 20th-century event is most closely associated with the Red Scare in the United States?**
 - The Salem witch trials
 - The civil rights movement
 - The fear of communism after World

- War II
D) The Great Depression bank failures
10. **Who is typically known as the “Father of the Constitution” due to his significant role in its drafting?**
 - A) George Washington
 - B) Thomas Jefferson
 - C) James Madison
 - D) John Adams
 11. **In a market economy, how are prices generally determined?**
 - A) By government regulation and price-setting boards
 - B) Through voluntary exchange based on supply and demand
 - C) By business owners alone, without consumer input
 - D) Via random assignment under bureaucratic control
 12. **Which landmark U.S. Supreme Court case established the principle of “one person, one vote” for legislative districts?**
 - A) Marbury v. Madison
 - B) Baker v. Carr
 - C) Miranda v. Arizona
 - D) Gideon v. Wainwright
 13. **Which event brought the United States into World War II?**
 - A) The German invasion of Belgium
 - B) The signing of the Nazi–Soviet Pact
 - C) The bombing of Pearl Harbor by Japan
 - D) The Battle of Britain
 14. **What is the main function of political parties in the U.S. system of government?**
 - A) To enforce tax laws
 - B) To unite voters with similar beliefs and nominate candidates for office
 - C) To manage the federal budget directly
 - D) To determine the constitutionality of congressional bills
 15. **Which economic term describes a general increase in prices and decline in the purchasing power of money over time?**
 - A) Deflation
 - B) Depression
 - C) Recession
 - D) Inflation
 16. **Which 19th-century reform movement focused on reducing or eliminating the consumption of alcohol?**
 - A) The suffrage movement
 - B) The temperance movement
 - C) The populist movement
 - D) The abolitionist movement
 17. **What was the main goal of the Marshall Plan implemented after World War II?**
 - A) To establish a military alliance with Eastern Europe
 - B) To rebuild war-torn economies in Western Europe and prevent the spread of communism
 - C) To promote isolationism in U.S. foreign policy
 - D) To ban nuclear weapons development
 18. **Which of the following best explains the principle of “checks and balances” in the U.S. Constitution?**
 - A) Each branch of government has powers that override the others permanently
 - B) Power is concentrated in the executive branch for quick decisions
 - C) No branch of government can act independently of the other branches
 - D) Each branch can limit the authority of the others to prevent any one branch from becoming too powerful
 19. **Which of these contributed significantly to the economic boom in the United States during the 1950s?**
 - A) The start of the Great Depression
 - B) A sudden drop in the birth rate
 - C) Increased consumer spending and the rise of suburban living
 - D) Severe labor shortages throughout manufacturing sectors
 20. **Which statement summarizes the significance of the Voting Rights Act**

of 1965?

- A) It lowered the voting age from 21 to 18
- B) It gave women the right to vote in federal elections

- C) It outlawed discriminatory voting practices, such as literacy tests
- D) It established proportional representation in Congress

Drag-and-Drop Questions (~3–5 Questions)

Question 1

Match each U.S. Supreme Court case to its key ruling:

- **Cases:**
 1. **Brown v. Board of Education (1954)**
 2. **Roe v. Wade (1973)**
 3. **Gideon v. Wainwright (1963)**
 4. **Citizens United v. FEC (2010)**
 - **Key Rulings:**
 - A) Political spending by corporations is protected as free speech
 - B) Declared racial segregation in public schools unconstitutional
 - C) Guaranteed the right to legal counsel for defendants unable to afford it
 - D) Protected a woman's right to privacy regarding abortion decisions
-

Question 2

Arrange these historical events in chronological order (earliest to latest):

- **Events:**
 1. **Treaty of Paris ending the Revolutionary War**
 2. **Louisiana Purchase**
 3. **War of 1812**
 4. **Emancipation Proclamation**
- **Approximate Dates (for reference):**
 - Treaty of Paris: 1783
 - Louisiana Purchase: 1803
 - War of 1812: 1812–1815
 - Emancipation Proclamation: 1863

Order Options (place 1 → 2 → 3 → 4 in correct sequence):

- A) War of 1812 → Emancipation Proclamation → Louisiana Purchase → Treaty of Paris
 - B) Treaty of Paris → Louisiana Purchase → War of 1812 → Emancipation Proclamation
 - C) Louisiana Purchase → Treaty of Paris → War of 1812 → Emancipation Proclamation
 - D) Emancipation Proclamation → War of 1812 → Treaty of Paris → Louisiana Purchase
-

Question 3

Match each U.S. historical figure to the role or achievement they are most famously associated with:

- **Figures:**
 1. **George Washington**
 2. **Harriet Tubman**
 3. **Upton Sinclair**
 4. **César Chávez**
 - **Roles/Achievements:**
 - A) Exposed unsanitary conditions in the meatpacking industry through *The Jungle*
 - B) Organized migrant farmworkers and cofounded the National Farm Workers Association
 - C) Led the Continental Army and became the first U.S. President
 - D) Key “conductor” on the Underground Railroad, helping enslaved people escape
-

Question 4

Arrange these major constitutional amendments in the order they were ratified (earliest → latest):

- **Amendments:**
 1. 15th Amendment
 2. 19th Amendment
 3. 24th Amendment
 4. 26th Amendment
- **Approximate Ratification Dates:**
 - 15th (1870)
 - 19th (1920)
 - 24th (1964)
 - 26th (1971)

Order Options:

- A) 19th → 15th → 26th → 24th
 - B) 15th → 19th → 24th → 26th
 - C) 24th → 26th → 15th → 19th
 - D) 19th → 24th → 15th → 26th
-

Question 5

Match each political or economic concept to its definition:

- **Concepts:**
 1. **Monopoly**
 2. **Tariff**
 3. **Laissez-faire**
 4. **Embargo**
- **Definitions:**
 - A) A restriction on trade that prevents goods from moving between countries

- B) A market structure where a single company controls an entire industry
 - C) A tax placed on imported or exported goods
 - D) An economic philosophy advocating minimal government interference in markets
-

Fill-in-the-Blank Questions (~3–5 Questions)

1. The period of U.S. history known as the _____ (1920–1933) saw a nationwide ban on the production, importation, and sale of alcoholic beverages.
 2. In the late 1700s, many Americans supported the idea of _____ sovereignty, meaning government derives its power from the people.
 3. The doctrine of _____ in the early 19th century argued against European interference in the Americas, viewing such acts as aggression.
 4. The official counting of a country's population, typically conducted every 10 years in the U.S., is called the _____.
 5. _____ was an influential civil rights leader who delivered the famous "I Have a Dream" speech in 1963.
-

Drop-Down Questions (~2–4 Questions)

1. Which U.S. president famously declared the Monroe Doctrine in 1823?
[Select One]
 - A) James Monroe
 - B) Andrew Jackson
 - C) John Quincy Adams
 2. The U.S. Constitution established a government based on [Select One] powers, meaning certain responsibilities are left to the states while others are given to the federal government.
 - A) restricted
 - B) concurrent
 - C) delegated
 3. The term "Robber Barons" was used to describe [Select One] industrialists who used exploitative practices in the late 19th century.
 - A) philanthropic
 - B) powerful
 - C) unsuccessful
 4. The [Select One] was a reform movement focused on gaining voting rights for women in the United States.
 - A) Labor Movement
 - B) Suffrage Movement
 - C) Civil Rights Movement
-

Hotspot Questions (~1–3 Questions)

1. **On a map of North America, identify the Louisiana Territory** that was purchased from France in 1803, roughly stretching from the Mississippi River to the Rocky Mountains.
 2. **On a 19th-century timeline, click the approximate start of the California Gold Rush (1848).**
 3. **On a three-branch U.S. government chart, highlight the Legislative Branch that is composed of the Senate and House of Representatives.**
-

Extended Response (Short Essay)

Prompt

“Throughout the 19th century, the idea of westward expansion shaped the United States politically, economically, and socially. Analyze how the pursuit of new territories influenced the nation’s growth and contributed to conflicts with both foreign powers and Indigenous peoples. Provide specific examples from historical events, government policies, or personal accounts to support your analysis.”

(Write a short essay explaining how the drive for westward expansion affected the country’s development, including relevant conflicts and outcomes.)

EXAM 10

Reasoning Through Language Arts (RLA)

Multiple-Choice Questions (Questions)

- Which sentence best states the main idea of the following passage?**
“Regular reading not only improves vocabulary but also enhances critical thinking skills. Studies show that individuals who read frequently tend to perform better on analytical tasks.”
A) Reading often is a waste of time.
B) Reading can improve vocabulary and analytical abilities.
C) People who dislike reading have better thinking skills.
D) Reading benefits only those seeking to expand their vocabulary.
- Which sentence uses the correct pronoun?**
A) Everyone should do our best to recycle more often.
B) Everyone should do his or her best to recycle more often.
C) Everyone should do their best to recycle more often.
D) Everyone should do they’re best to recycle more often.
- What is the author’s purpose in the following statement?**
“Eating a balanced breakfast jumpstarts your metabolism, so skipping it could lead to reduced concentration and lower energy levels throughout the day.”
A) To criticize modern dieting habits
B) To persuade readers never to snack
C) To inform readers about the importance of breakfast
D) To entertain with a personal story
- Choose the option that best combines these sentences:**
“Damon left the office early. He wanted to beat the rush-hour traffic.”
A) Damon left the office early, he wanted to beat the rush-hour traffic.
B) Damon left the office early, so he wanted to beat the rush-hour traffic.
C) Damon left the office early to beat the rush-hour traffic.
D) Damon left the office early; beat the rush-hour traffic.
- Which is the best definition of the term “supporting details” in a paragraph?**
A) Statistics and facts that reinforce the main point
B) A personal anecdote unrelated to the main idea
C) A concluding sentence that restates the thesis
D) A vague reference to a common phrase
- Which sentence demonstrates correct subject-verb agreement?**
A) The team of engineers have begun the design phase.
B) The team of engineers are beginning the design phase.
C) The team of engineers has begun the design phase.
D) The team of engineers were beginning the design phase.
- Which word is spelled incorrectly?**
A) Exaggerate
B) Recieve
C) Maneuver
D) Fascinate
- What does the word “pivotal” mean in the sentence below?**
“Acquiring strong communication skills can be pivotal for career advancement.”
A) Unnecessary and irrelevant
B) Highly significant and crucial
C) Optional but encouraged
D) Easy and effortless

9. **Which sentence uses parallel structure?**
 A) The job requires patience, flexibility, and you must be organized.
 B) The job requires patience, flexible thinking, and being organized.
 C) The job requires being patient, flexible, and to stay organized.
 D) The job requires patience, flexibility, and organization.
10. **Which of the following words are homophones?**
 A) Whether / weather
 B) Accept / except
 C) Proceed / process
 D) Distant / distinct
11. **Which sentence is written in the passive voice?**
 A) The students completed the online survey.
 B) The manager will approve the budget next week.
 C) The online survey was completed by the students.
 D) The budget requires approval by the manager.
12. **What is the tone of this sentence?**
“Despite repeated setbacks, the volunteers stayed determined, convinced that their efforts would eventually pay off.”
 A) Sarcastic
 B) Defeated
 C) Hopeful
 D) Indifferent
13. **What is the main idea of the following passage?**
“Urban gardening projects have grown in popularity. They help local communities by providing fresh produce and creating green spaces in crowded areas.”
 A) Green spaces have no tangible benefits in urban regions.
 B) Urban gardening projects pollute city neighborhoods.
 C) Urban gardening can benefit communities by offering fresh food and greenery.
 D) Most cities prohibit gardening due to limited space.
14. **Which sentence uses correct punctuation for items in a series?**
 A) My favorite fruits include apples, bananas blueberries and peaches.
 B) My favorite fruits include apples bananas, blueberries, and peaches.
 C) My favorite fruits include: apples, bananas, blueberries, and peaches.
 D) My favorite fruits include apples, bananas, blueberries, and peaches.
15. **Which phrase is an example of a metaphor?**
 A) Her eyes sparkled like diamonds.
 B) The wind howled as loudly as a wolf.
 C) His mind was a maze of conflicting ideas.
 D) She ran as fast as lightning.
16. **What is the purpose of a topic sentence in a paragraph?**
 A) To sum up the entire essay in one sentence
 B) To introduce the main idea that the paragraph will discuss
 C) To distract readers from the central theme
 D) To analyze conflicting viewpoints in the paragraph
17. **Choose the best synonym for “perseverance.”**
 A) Discouragement
 B) Determination
 C) Indifference
 D) Incompetence
18. **Which sentence demonstrates the correct use of a semicolon?**
 A) The sunset was beautiful; the sky was painted with pinks and oranges.
 B) The sunset was beautiful, the sky was painted with pinks and oranges.
 C) The sunset was beautiful; yet the sky was pink and orange.
 D) The sunset was beautiful; but the beach was crowded.
19. **Which of the following is a compound-complex sentence?**

- A) After we ate dinner, we watched a movie.
 B) We ordered takeout, and we watched our favorite show.
 C) She finished her project, and she presented it, while I took notes.
 D) They will travel when school ends.
20. **Which sentence contains a prepositional phrase?**
 A) Suddenly, the lights flickered.
 B) They will sing tomorrow.
 C) The cat jumped onto the counter.
 D) He eagerly finished his dessert.
21. **What is the best way to combine these sentences?**
“He wrote a short story. Then he shared it with his writing group.”
 A) He wrote a short story; shared it, with his writing group then.
 B) He wrote a short story, he shared it with his writing group.
 C) He wrote a short story before sharing it with his writing group.
 D) He wrote a short story, although he shared it with his writing group.
22. **Which of the following words is a homonym (same spelling, different meaning)?**
 A) Hair (on your head) / hare (a rabbit)
 B) Close (near) / close (to shut)
 C) Brake (stop) / break (split)
 D) Coarse (rough) / course (route or class)
23. **What is the meaning of the word “astute”?**
 A) Lacking insight or intelligence
 B) Very clever and perceptive
 C) Physically strong and agile
 D) Fearful of confrontation
24. **Which sentence is incorrectly punctuated?**
 A) “Can you believe this?” asked Nina.
 B) “I can’t wait!” he exclaimed.
 C) “I’ll see you tomorrow”. Lisa said.
 D) “That was a wonderful concert,” she replied.
25. **Which sentence best conveys the concept of hyperbole?**
 A) “I’m so hungry I could eat a horse.”
 B) “His hat was very tall, almost a foot high.”
 C) “I read a book about farm animals.”
 D) “She quietly closed the door behind her.”
26. **Which literary device gives human qualities to an animal or object?**
 A) Hyperbole
 B) Personification
 C) Symbolism
 D) Irony
27. **What is the main idea of the following paragraph?**
“Online learning has opened doors for people with busy schedules. With flexible hours and wide-ranging courses, many individuals can study from home without sacrificing work or family time.”
 A) Online learning is too time-consuming for most adults.
 B) Remote study options are rarely flexible.
 C) Online classes allow people to balance study with other commitments.
 D) Most online learners still need to attend campus classes.
28. **Which sentence uses the correct verb tense?**
 A) Yesterday, he takes the bus to work.
 B) Yesterday, he took the bus to work.
 C) Yesterday, he will take the bus to work.
 D) Yesterday, he has taken the bus to work.
29. **Which transition word signals a contrast between ideas?**
 A) Similarly
 B) Moreover
 C) Conversely
 D) Consequently
30. **Which of the following is an example of figurative language rather than literal language?**
 A) “The building has twenty floors.”
 B) “She has two older brothers.”
 C) “My thoughts tumbled like leaves in

- the wind.”
D) “They arrived at noon.”
31. **What does the phrase “walking on eggshells” imply in the sentence below?**
“Ever since their argument, she felt like she was walking on eggshells around him.”
A) She was literally crushing eggs under her feet.
B) She was cautiously avoiding saying or doing anything offensive.
C) She wore special shoes made of eggshells.
D) She was carefree and oblivious to his reactions.
32. **Which sentence best demonstrates correct parallel structure?**
A) The professor explained how to formulate a thesis, gather evidence, and presenting research findings.
B) The professor explained how to formulate a thesis, gather evidence, and present research findings.
C) The professor explained how to formulate a thesis, how evidence is gathered, and to present research findings.
D) The professor explained formulating a thesis, gathering evidence, and how to present research findings.
33. **Which sentence is a run-on sentence?**
A) She mailed the package, and he received it the next day.
B) They planned a picnic, but the weather turned bad.
C) The cake was delicious it had layers of chocolate and cream.
D) We studied until midnight, then we went to sleep.
34. **Which word is a synonym for “vital”?**
A) Subordinate
B) Essential
C) Optional
D) Inconsequential
35. **What is the effect of using vivid imagery in descriptive writing?**
A) It simplifies the writing by removing emotion.
B) It helps readers form a clear mental picture of the setting or action.
C) It makes the text less organized and more confusing.
D) It persuades readers using statistical evidence.
36. **Which sentence correctly uses a colon?**
A) She always wears three things in winter: a scarf gloves, and a warm hat.
B) She always wears three things in winter; a scarf, gloves, and a warm hat.
C) She always wears three things in winter: a scarf, gloves, and a warm hat.
D) She always wears three things: in winter a scarf, gloves, and a warm hat.
37. **Which sentence is the best example of a compound sentence?**
A) If they arrive on time, we can start the presentation immediately.
B) They studied the data, but they still needed more evidence to conclude.
C) Whenever he travels, he brings a camera.
D) After we eat, we will go for a walk.
38. **Which is the correct way to spell the adjective meaning “extremely careful about details”?**
A) Meticulus
B) Metticolous
C) Meticulous
D) Meticulouse
39. **Which sentence contains an adverb modifying a verb?**
A) The final exam was difficult.
B) She quickly finished writing her essay.
C) Her strategy was unique.
D) They felt nervous before the performance.
40. **What does the phrase “hit the books” mean in the sentence below?**
“He has a big exam tomorrow, so he needs to hit the books tonight.”
A) Literally throw books on the floor
B) Glue his books together

- C) Study intensively
D) Sell all his textbooks
41. **Which sentence uses the correct form of “its” or “it’s”?**
A) Its a great time to start a new hobby.
B) The car needs it’s tires replaced soon.
C) It’s amazing how fast the year has gone by.
D) The house lost it’s electricity during the storm.
42. **Which sentence has correct pronoun-antecedent agreement?**
A) A person must pick up their ticket at the booth.
B) A person must pick up his or her ticket at the booth.
C) A person must pick up your ticket at the booth.
D) A person must pick up their tickets at the booth.
43. **Which literary device is used when a writer uses an object or image to**

- represent a broader idea?**
A) Hyperbole
B) Simile
C) Symbolism
D) Foreshadowing
44. **Which sentence is punctuated correctly?**
A) He asked, “Where are my keys?”
B) He asked, “where are my keys?”
C) He asked, “Where are my keys?”
D) He asked “Where are my keys?”
45. **Which sentence is written in the active voice?**
A) The memo was sent by the director yesterday.
B) The presentation had been compiled by her team.
C) The director sent the memo yesterday.
D) The final decision was announced by the committee.

Drop-Down Questions (5 Questions)

Question 1

Which transition word best completes the sentence?

“We encountered numerous setbacks during the renovation; _____, we still finished the project on time.”

[Select One]

- A) therefore
- B) nevertheless
- C) in contrast

Question 2

Which verb tense best completes the sentence?

“By this time next week, the committee _____ all the proposals before making a final choice.”

[Select One]

- A) will have reviewed
- B) has reviewed
- C) had reviewed

Question 3

What is the primary role of a thesis statement in an academic essay?

[Select One]

- A) To offer multiple conflicting claims
 - B) To summarize the main argument in one or two sentences
 - C) To present unrelated facts that distract the reader
-

Question 4

Choose the correct pronoun to complete the sentence:

“Neither of the employees felt that _____ job was secure after the budget cuts.”

[Select One]

- A) our
- B) his or her
- C) their

(Traditional grammar rules prefer “his or her,” but modern usage increasingly accepts “their” as gender-neutral.)

Question 5

Select the word that best completes the sentence:

“She double-checked every calculation; _____, no errors were found in her final report.”

[Select One]

- A) similarly
 - B) as a result
 - C) otherwise
-

Fill-in-the-Blank Questions (5 Questions)

1. A single sentence that states the main argument of a research paper is known as the _____.
2. _____ refers to the repetition of initial consonant sounds in a line or phrase, often used in poetry or prose for emphasis.
3. A(n) _____ describes or modifies a verb, an adjective, or another adverb.
4. In academic writing, failing to credit the source of an idea or information constitutes _____, which must be avoided through proper citation.
5. The _____ of an essay typically comes first, introducing the topic and capturing the reader’s interest.

Extended Response (Essay)

Prompt

“Social media platforms have dramatically reshaped how people communicate and share information, but they also raise pressing questions about privacy, mental health, and the spread of misinformation. While users can connect instantly across the globe, critics warn that unregulated platforms may encourage addictive behaviors and reinforce echo chambers, potentially harming individual well-being and public discourse. Evaluate how the author presents the benefits and drawbacks of social media use. In your response, discuss the evidence, reasoning, and stylistic choices made in the passage, providing specific examples to illustrate your analysis.”

Mathematical Reasoning

Section: Multiple-Choice Questions

1. **Solve for x :** $3x - 4 = 23$
- A) $x = 9$
B) $x = 7$
C) $x = -19$
D) $x = 11$
2. A rectangle has **length 9 inches** and **width 5 inches**. **What is its area?**
- A) 14 in^2
B) 45 in^2
C) 18 in^2
D) 40 in^2
3. **Evaluate:** $8^2 - 4^2$
- A) 48
B) 32
C) 60
D) 80
4. **Which fraction is equivalent to $\frac{5}{8}$?**
- A) $\frac{10}{16}$
B) $\frac{4}{7}$
C) $\frac{3}{5}$
D) $\frac{5}{12}$
5. **Convert 80% to a decimal.**
- A) 8.0
B) 0.8
C) 0.08
D) 8.00
6. **What is the slope of the line $y = -2x + 5$?**
- A) -2
B) 2
C) 5
D) -5
7. **Find the area of a triangle** with base 14 cm and height 6 cm.
- A) 20 cm^2
B) 28 cm^2
C) 42 cm^2
D) 84 cm^2
8. **Simplify:** $(2x^3)(3x^2)$
- A) $5x^5$
B) $6x^6$
C) $5x^6$
D) $6x^5$
9. **Convert $\frac{5}{6}$ to a decimal (rounded to three decimal places).**
- A) 0.732
B) 0.833
C) 0.642
D) 0.556
10. If $x = 3$, **evaluate $4x^2 - x$.**
- A) 27
B) 21
C) 30
D) 33
11. **Solve for x :** $\frac{x}{6} = 12$
- A) $x = 2$
B) $x = 18$
C) $x = 72$
D) $x = -6$
12. **What is the sum of the interior angles of a quadrilateral (4 sides)?**
- A) 180°
B) 270°
C) 360°
D) 540°
13. **Calculate:** $\frac{3}{4} + \frac{1}{8}$
- A) $\frac{7}{8}$
B) $\frac{6}{8}$

- C) $\frac{1}{2}$
- D) $\frac{5}{4}$

14. If **15 apples cost \$6.00**, what is the **cost of 1 apple**?

- A) \$0.25
- B) \$0.40
- C) \$0.50
- D) \$1.00

15. **Expand:**

$$(x - 3)^2$$

- A) $x^2 - 6x + 9$
- B) $x^2 - 3x - 3x + 3$
- C) $x^2 - 9$
- D) $x^2 - 6x$

16. **Convert $\frac{7}{8}$ into a decimal.**

- A) 0.78
- B) 0.7
- C) 0.875
- D) 0.88

17. **What is the Greatest Common Divisor (GCD) of 20 and 30?**

- A) 5
- B) 10
- C) 20
- D) 30

18. **Solve for x :**

$$7x + 2 = 23$$

- A) $x = 3$
- B) $x = -3$
- C) $x = 25$
- D) $x = 3\frac{1}{7}$

19. **What is the measure of each interior angle of a regular pentagon?**

- A) 90°
- B) 108°
- C) 120°
- D) 60°

20. A bag contains **5 blue marbles and 5 red marbles**. What is the **probability of selecting a blue marble at random**?

- A) $\frac{1}{2}$
- B) $\frac{5}{10}$
- C) $\frac{1}{1}$
- D) Both A) and B) are correct representations

21. **Evaluate:**

$$5^3$$

- A) 15
- B) 125
- C) 25
- D) 512

22. A **cylinder has radius 3 units and height 7 units**. What is its **volume**?

(Use π as needed, do not approximate.)

- A) 63π cubic units
- B) 21π cubic units
- C) 42π cubic units
- D) 9π cubic units

23. **Calculate:**

$$2^4 + 3^2$$

- A) 10
- B) 12
- C) 20
- D) 25

24. A rectangle has a **length of 10** and a **width of 4**. What is its **perimeter**?

- A) 14
- B) 28
- C) 40
- D) 20

25. **Which of the following is a solution to the equation $x^2 = 49$?**

- A) $x = 9$
- B) $x = 8$
- C) $x = -7$
- D) $x = 6$

Drag-and-Drop Questions (5–7 Questions)

Question 1

Match each linear equation to its correct solution. Drag the solution to the corresponding equation:

Equations:

1. $2x + 3 = 9$
2. $5x - 2 = 18$
3. $4x - 4 = 0$
4. $x + 5 = 12$

Solutions:

- A) $x = 3$
- B) $x = 14$
- C) $x = 1$
- D) $x = 7$

(For example, drag “ $x = 3$ ” to whichever equation is solved by that value.)

Question 2

Drag each type of quadrilateral to its defining characteristic:

Quadrilaterals:

1. Parallelogram
2. Trapezoid
3. Rhombus
4. Square

Characteristics:

- A) Exactly one pair of parallel sides
 - B) Both pairs of opposite sides parallel (but angles not necessarily right angles)
 - C) Four congruent sides, but angles not necessarily right angles
 - D) Four right angles and four congruent sides
-

Question 3

Arrange these rational numbers in ascending order (smallest to largest). The numbers are:

- $\frac{2}{3}, 0.75, 0.6, \frac{5}{8}$

Options to place in order:

- A) $\frac{2}{3}$
 - B) 0.75
 - C) 0.6
 - D) $\frac{5}{8}$
-

Question 4

Match each 3D shape to its volume formula:

Shapes:

1. Rectangular Prism
2. Triangular Pyramid
3. Cylinder
4. Sphere

Volume Formulas:

- A) $V = \pi r^2 h$
- B) $V = l \times w \times h$
- C) $V = \frac{1}{3} \times (\text{base area}) \times h$
- D) $V = \frac{4}{3} \pi r^3$

(Where r = radius, and base area refers to the area of the triangular base in a pyramid.)

Question 5

Arrange the following fractions from largest to smallest (descending order):

$$\frac{3}{4}, \frac{7}{9}, \frac{2}{3}, \frac{4}{5}$$

Options (to drag in descending order):

- A) $\frac{3}{4}$
 - B) $\frac{7}{9}$
 - C) $\frac{2}{3}$
 - D) $\frac{4}{5}$
-

Fill-in-the-Blank Questions (4–6 Questions)

1. If $x = 2$, evaluate $7x - 1$. Enter the result as an integer.
2. A line passing through (1, 3) and (3, 7) has a slope of _____.
3. The product of 9 and 4 is _____.

4. What is the volume of a cube with **edge length 6 units**? **Enter your answer as an integer.**
 5. A decimal that **terminates** after a finite number of digits is called a _____ decimal.
-

Hotspot Questions (3–5 Questions)

1. On a **coordinate plane**, **select** the point that satisfies $(x, y) = (3, -2)$.
2. On a **number line** ranging from -3 to 3 , **click** the position corresponding to $-\frac{1}{2}$.
3. On a **circle diagram** labeled with radius, diameter, and circumference, **highlight** the **diameter**.

(In an actual computer-based test, you would click or tap the relevant area rather than writing out an answer.)

Short Answer Questions (1–2 Questions)

1. A store advertises a **30% discount** on a \$50 item. **What is the final price** the customer pays after the discount?
2. If a plane travels **600 miles** in **2 hours**, **what is its average speed** in miles per hour?

GED Exam: Science Section

Multiple-Choice Questions

- Which subatomic particles are found in the nucleus of an atom?**
 - Protons and electrons
 - Electrons and neutrons
 - Protons and neutrons
 - Only electrons
- What is the primary role of ribosomes in a cell?**
 - Storing genetic information
 - Synthesizing proteins
 - Generating energy from glucose
 - Packaging and shipping proteins
- Which statement best describes an element?**
 - A substance composed of atoms with different atomic numbers
 - A material that cannot be broken down into simpler substances by chemical means
 - A compound made up of multiple types of atoms
 - A mixture of different molecules
- In ecological terms, which level includes all the communities in a given area as well as the nonliving environment?**
 - Species
 - Population
 - Ecosystem
 - Biome
- Which factor most directly affects the solubility of a solid solute in a liquid solvent?**
 - Temperature
 - Brightness of the room
 - Shape of the container
 - Type of stirring implement
- Which statement about the scientific method is true?**
 - A hypothesis can never be changed once proposed
 - Scientific theories are absolute and not subject to revision
 - Experiments must be repeated to confirm findings
 - Conclusions need not be supported by data
- Which stage of a plant's life cycle involves the production of seeds within a flower?**
 - Germination
 - Pollination
 - Fertilization
 - Dormancy
- What is the main function of the excretory system in mammals?**
 - Breaking down nutrients into simpler molecules
 - Removing waste products from the body
 - Regulating hormone levels in the bloodstream
 - Transporting oxygen to the cells
- Which statement about chemical bonds is correct?**
 - Covalent bonds involve the sharing of electron pairs
 - Ionic bonds always occur between nonmetal atoms
 - Metallic bonds result from electron transfer to form ions
 - Hydrogen bonds are stronger than covalent bonds
- Which type of rock is formed from the cooling and solidification of magma or lava?**
 - Sedimentary
 - Igneous
 - Metamorphic
 - Fossilized
- What is the primary role of chlorophyll in photosynthesis?**
 - Breaking down glucose for energy
 - Absorbing light energy to drive the process
 - Transporting water from roots to

- leaves
D) Transferring pollen between flowers
12. **Which statement about viruses is accurate?**
A) They can reproduce on their own without a host
B) They are always beneficial to living organisms
C) They consist of genetic material enclosed in a protein coat
D) They have membrane-bound organelles like a nucleus
13. **Which layer of Earth is composed mainly of liquid iron and nickel?**
A) Inner core
B) Outer core
C) Crust
D) Mantle
14. **What is a key function of the pulmonary circuit in human circulation?**
A) Transporting oxygen-rich blood to the body's tissues
B) Moving blood between the heart and the lungs for gas exchange
C) Carrying waste products to the kidneys for filtration
D) Delivering hormones from endocrine glands to target cells
15. **Which answer best explains Newton's Second Law of Motion?**
A) Force equals mass times acceleration
B) An object in motion remains in motion unless acted on by an external force
C) For every action, there is an equal and opposite reaction
D) Gravitational force acts at a distance
16. **What is the function of xylem tissue in a vascular plant?**
A) Transport sugars throughout the plant
B) Transport water and minerals from roots to leaves
C) Protect the plant from invasive pathogens
D) Store chlorophyll for photosynthesis
17. **Which statement about acids and bases is correct?**
A) Acids produce OH^- ions in aqueous solutions
B) Bases produce H^+ ions in aqueous solutions
C) Acids turn blue litmus paper red
D) Bases have a pH less than 7
18. **Which process converts a liquid to a gas below its boiling point?**
A) Condensation
B) Freezing
C) Evaporation
D) Sublimation
19. **What is a hypothesis in a scientific investigation?**
A) A well-supported and widely accepted explanation of a phenomenon
B) A testable statement or prediction based on observations
C) A proven fact that will never change
D) A random guess with no basis in evidence
20. **Which best describes a lunar eclipse?**
A) The Moon casts a shadow on Earth when passing in front of the Sun
B) The Moon blocks the Sun from Earth's view entirely
C) Earth's shadow falls on the Moon, causing the Moon to darken
D) The Sun passes between Earth and the Moon, eclipsing Earth
21. **Which component of Earth's atmosphere is crucial for regulating global temperature?**
A) Argon
B) Water vapor
C) Helium
D) Neon
22. **What causes an object to float in water?**
A) The object has more density than water
B) The buoyant force on the object is greater than its weight
C) The water exerts no force on the object

- D) The object's mass remains zero in water
23. **Which human organ stores bile produced by the liver before releasing it into the small intestine?**
- A) Gallbladder
 - B) Pancreas
 - C) Stomach
 - D) Appendix
24. **Which statement is true about natural selection?**
- A) It leads to decreased diversity in a population
 - B) It favors traits that enhance survival and reproduction
 - C) It only works in controlled laboratory settings
 - D) It requires intentional breeding by humans
25. **Which phenomenon leads to the formation of day and night on Earth?**
- A) Earth's revolution around the Sun
 - B) The tilt of Earth's axis
 - C) The rotation of Earth on its axis
 - D) The phases of the Moon
26. **Which is the primary chemical that helps buffer blood pH in the human body?**
- A) Sodium chloride
 - B) Bicarbonate (HCO_3^-)
 - C) Nitrogen gas
 - D) Hydrogen peroxide
27. **What is a closed-circuit ecosystem in space exploration sometimes called?**
- A) A self-sustaining habitat that recycles water, air, and nutrients
 - B) A compartment open to cosmic radiation
 - C) A vacuum-sealed chamber that requires no life support
 - D) An environment that automatically replenishes resources from outside
28. **Which method do scientists often use to determine the absolute age of fossils?**
- A) Observing fossil color changes
 - B) Carbon dating (radiometric dating)
 - C) Comparing average bone density
 - D) Analysis of predator-prey relationships
29. **Which gas do living organisms primarily need to carry out aerobic respiration?**
- A) Carbon dioxide
 - B) Hydrogen
 - C) Nitrogen
 - D) Oxygen
30. **What happens to the molecules of a solid as it melts into a liquid?**
- A) They slow down and become rigid
 - B) They absorb energy and move more freely
 - C) Their mass increases substantially
 - D) They rearrange into a tight crystal lattice
31. **Which of the following is a major factor contributing to acid rain?**
- A) Emissions of sulfur dioxide and nitrogen oxides from burning fossil fuels
 - B) Excess oxygen in the atmosphere
 - C) Lack of precipitation in arid regions
 - D) Volcanic ash mixing with ocean water
32. **How does vaccination generally protect individuals against diseases?**
- A) By permanently altering an individual's DNA
 - B) By training the immune system to recognize and combat specific pathogens
 - C) By blocking all pathogens from entering the body entirely
 - D) By causing the body to overproduce red blood cells
33. **Which plate boundary type is associated with seafloor spreading, where plates move away from each other?**
- A) Convergent boundary
 - B) Divergent boundary
 - C) Transform boundary
 - D) Static boundary
34. **What is the main advantage of using renewable energy sources such as solar or wind power?**

- A) They can never be depleted
 B) They pollute more than fossil fuels
 C) They yield radioactive byproducts
 D) They are found only in certain parts of the world
35. **Which best describes the function of mitochondria in eukaryotic cells?**
 A) Storing waste products
 B) Generating energy (ATP) from nutrients
 C) Maintaining cell shape
 D) Directing cell division
36. **What does DNA stand for, and where is it primarily located in eukaryotic cells?**
 A) Dihydrogen acid, located in mitochondria
 B) Deoxyribonucleic acid, located in the nucleus
 C) Deoxyribose amino acid, floating in the cytoplasm
 D) Diglyceride nucleic acid, found in the cell membrane
37. **Which statement about energy flow in a food web is true?**
 A) Energy cycles endlessly among organisms
 B) Producers ultimately get their energy from consumers
 C) Approximately 10% of the energy at one trophic level is transferred to the next
 D) Decomposers receive the highest amount of energy
38. **What occurs during transcription in protein synthesis?**
 A) A DNA strand is duplicated to form another DNA molecule
 B) An mRNA molecule is formed from a DNA template
 C) tRNA delivers amino acids to the ribosome
 D) Proteins are folded into their final shape
39. **Which of the following most accurately defines biodiversity?**
 A) The variety of different species in a given ecosystem
 B) The uniform distribution of one species across the planet
 C) The total number of organisms within a single population
 D) The measure of how well an ecosystem resists change
40. **Which is an example of a chemical change rather than a physical change?**
 A) Boiling water to form steam
 B) Breaking a piece of glass in half
 C) Burning wood to form ash and gases
 D) Freezing juice into ice pops

Drag-and-Drop Questions (~4–6 Questions)

Question 1

Match each state of matter to its defining characteristic:

- **States of Matter:**
 1. Solid
 2. Liquid
 3. Gas
 4. Plasma

- **Characteristics:**
 - A) Has a definite volume but takes the shape of its container
 - B) Ionized gas with free electrons and charged particles
 - C) Has both a definite shape and volume
 - D) Has no definite shape or volume
-

Question 2

Match each type of galaxy to a brief description:

- **Galaxy Types:**
 1. Spiral Galaxy
 2. Elliptical Galaxy
 3. Barred Spiral Galaxy
 4. Irregular Galaxy
 - **Descriptions:**
 - A) A disk shape with arms winding outward from a central bulge, no distinct bar
 - B) A large grouping of stars without a defined shape, often smaller than other types
 - C) A spiral galaxy featuring a distinct bar of stars across its center
 - D) Rounded in appearance with little gas or dust, often older star populations
-

Question 3

Arrange these steps of the carbon cycle in the correct order (from first to last):

1. Animals consume plants, releasing CO₂ through respiration
2. Plants absorb CO₂ during photosynthesis
3. Decomposers break down dead organisms, returning carbon to the soil
4. Fossil fuels are burned, emitting stored CO₂ into the atmosphere

Order Options (drag to form the correct sequence):

- A) 2 → 1 → 3 → 4
 - B) 1 → 2 → 4 → 3
 - C) 4 → 2 → 1 → 3
 - D) 2 → 4 → 1 → 3
-

Question 4

Match each human body organ to its primary function:

- **Organs:**

1. Pancreas
 2. Liver
 3. Kidneys
 4. Skin
- **Functions:**
 - A) Filters waste and maintains fluid balance
 - B) Produces insulin and enzymes for digestion
 - C) Acts as a protective barrier and helps regulate temperature
 - D) Processes toxins and produces bile
-

Question 5

Arrange the following celestial objects by size, from smallest to largest:

1. Galaxy
2. Asteroid
3. Planet
4. Star

Options (to drag in ascending order of size):

- A) Planet → Star → Asteroid → Galaxy
 - B) Asteroid → Planet → Star → Galaxy
 - C) Star → Galaxy → Asteroid → Planet
 - D) Asteroid → Star → Planet → Galaxy
-

Fill-in-the-Blank Questions (3–5 Questions)

1. The thin, flexible barrier around a cell that regulates what enters and leaves is called the _____ membrane.
 2. A _____ is a testable explanation for a set of observations or a possible answer to a scientific question.
 3. When both alleles for a trait are expressed equally in the phenotype, it is known as _____ (e.g., AB blood type in humans).
 4. The _____ is the part of the Earth that includes the solid crust and upper mantle.
 5. _____ is the process by which plants convert carbon dioxide and water into glucose and oxygen, using sunlight.
-

Hotspot Questions (2–4 Questions)

1. On a **diagram of Earth's layers**, **click** the **outer core** between the mantle and the inner core.

2. On a **cell diagram**, **highlight** the **nucleus**, which contains the cell's genetic material (DNA).
 3. On a **food web diagram**, **select** the **primary consumers** that feed directly on producers.
 4. On a **brain cross-section**, **identify** the **cerebellum**, which helps coordinate movement and balance.
-

Short Answer Questions (1–2 Questions)

1. **Explain why the process of protein folding is crucial for proper protein function**, and provide **one example** of what can happen if a protein is misfolded.
2. **Describe how the concept of half-life is used to date fossils** and include **one limitation** of using radioactive isotopes in dating very old specimens.

GED Exam: Social Studies Section

Multiple choice questions

- Which Constitutional Amendment granted women the right to vote in the United States?**
 - 15th Amendment
 - 19th Amendment
 - 17th Amendment
 - 21st Amendment
- Which Supreme Court case first established the doctrine of “separate but equal,” thereby upholding racial segregation?**
 - Brown v. Board of Education
 - Plessy v. Ferguson
 - Dred Scott v. Sandford
 - Miranda v. Arizona
- Which event is considered the immediate spark that led to the outbreak of the American Civil War?**
 - The Dred Scott decision
 - The Battle of Gettysburg
 - The election of Abraham Lincoln in 1860
 - The signing of the Emancipation Proclamation
- What was the purpose of the Homestead Act of 1862?**
 - To end slavery in all U.S. territories
 - To provide free land in the West to settlers
 - To limit immigration from Europe
 - To impose higher tariffs on imported goods
- Which of the following best describes a “mixed economy”?**
 - One in which the government sets all wages and prices
 - One in which both private enterprise and government participation coexist
 - An economy that relies solely on agriculture
 - An economy strictly controlled by a monarchy
- Which federal agency was created in 1935 to provide pensions and benefits to retired workers, among other services?**
 - The Federal Reserve
 - The Securities and Exchange Commission
 - The Social Security Administration
 - The Works Progress Administration
- Which term refers to the division of the federal government into three distinct branches—legislative, executive, and judicial?**
 - Bicameralism
 - Separation of powers
 - Judicial review
 - Manifest Destiny
- Which of the following statements describes a characteristic of the Great Depression (1929–1930s)?**
 - Widespread economic prosperity and a stock market boom
 - Low unemployment rates and steady consumer spending
 - High unemployment and economic hardship for many Americans
 - Rapid territorial expansion of the United States
- Why was the Battle of Saratoga (1777) significant during the American Revolution?**
 - It ended the war immediately with a British surrender
 - It prompted the French to ally with the American colonies
 - It prevented the British from capturing Philadelphia
 - It allowed the British to seize control of southern colonies
- Which policy was a major part of President Harry Truman’s post–World War II agenda, aiming to extend New Deal reforms?**
 - The Great Society
 - The New Frontier

- C) The Fair Deal
D) The Square Deal
11. **Which of these best describes the outcome of the Compromise of 1877?**
A) It resolved the disputed 1876 presidential election and led to the end of Reconstruction
B) It allowed slavery to expand into new Western territories
C) It lowered tariffs on goods imported from Europe
D) It gave women in every state the right to vote
12. **Which governmental power allows Congress to override a presidential veto?**
A) Executive privilege
B) The power of advice and consent
C) A two-thirds majority vote in both houses
D) Judicial review
13. **What was one long-term effect of the Louisiana Purchase (1803)?**
A) It doubled the size of the U.S. and facilitated westward expansion
B) It ended British rule in the Northwest Territories
C) It led directly to the Civil War
D) It restricted U.S. settlement to east of the Mississippi
14. **Which historical period focused on voting rights, social reforms, and government regulation of business between the 1890s and 1920s?**
A) The Progressive Era
B) The Reconstruction Era
C) The Federalist Era
D) The Gilded Age
15. **Which term describes the political tension and competition for global influence between the United States and the Soviet Union after World War II?**
A) The Industrial Revolution
B) The Cold War
C) The Civil Rights Movement
D) The Age of Exploration
16. **Which of the following best explains “popular sovereignty” in the context of U.S. history?**
A) The notion that the federal government has unlimited powers
B) The principle that government derives its authority from the will of the people
C) The right of European monarchs to rule over American colonies
D) The belief that each state should have an identical number of senators
17. **What was the primary purpose of the Monroe Doctrine (1823)?**
A) To establish a U.S. alliance with Britain against France
B) To warn European nations against further colonization in the Americas
C) To ban the expansion of slavery into Western territories
D) To ensure free trade routes across the Atlantic
18. **Which historical event ended with the Treaty of Paris in 1783?**
A) The War of 1812
B) The Revolutionary War
C) The French and Indian War
D) The Mexican–American War
19. **Which of the following was a central goal of President Lyndon B. Johnson’s “Great Society” programs?**
A) Reducing the size of the federal government
B) Eliminating racial injustice and ending poverty
C) Expanding U.S. territories overseas
D) Building stronger trade relations with Europe
20. **Which of the following accurately describes a federal republic?**
A) A form of government where citizens vote directly on all laws at a national level
B) A system where a hereditary monarch holds the most power
C) A government in which power is divided between national and state levels, with elected representatives

D) A one-party system that does not allow citizens to elect officials

Drag-and-Drop Questions (~3–5 Questions)

Question 1

Match each influential historical document to its primary purpose or effect:

- **Documents:**
 1. Magna Carta (1215)
 2. English Bill of Rights (1689)
 3. Declaration of Independence (1776)
 4. Bill of Rights (1791, U.S.)
 - **Purposes/Effects:**
 - A) Listed grievances against the British Crown and asserted American colonies' independence
 - B) Limited the power of the English monarch by establishing the principle of due process
 - C) Added the first ten amendments to the U.S. Constitution, guaranteeing individual liberties
 - D) Expanded Parliament's powers over the monarchy, influencing ideas of constitutional governance
-

Question 2

Arrange these major 20th-century events in chronological order (earliest to latest):

1. World War I
2. Great Depression (U.S.)
3. Korean War
4. Fall of the Berlin Wall

Approximate Dates (for reference):

- World War I: 1914–1918
- Great Depression: began in 1929
- Korean War: 1950–1953
- Fall of the Berlin Wall: 1989

Order Options (place 1 → 2 → 3 → 4 in correct sequence):

- A) 2 → 1 → 3 → 4
 - B) 1 → 2 → 3 → 4
 - C) 3 → 4 → 1 → 2
 - D) 1 → 3 → 2 → 4
-

Question 3

Match each early U.S. President to a key accomplishment:

- **Presidents:**
 1. Thomas Jefferson
 2. James Madison
 3. James Monroe
 4. John Adams
 - **Accomplishments:**
 - A) Guided the United States through the War of 1812
 - B) Oversaw the Louisiana Purchase, doubling the nation's size
 - C) Signed the Alien and Sedition Acts, a controversial limitation on speech
 - D) Established a doctrine warning European powers not to colonize the Western Hemisphere
-

Question 4

Arrange these Civil Rights era milestones in chronological order (earliest → latest):

1. Montgomery Bus Boycott
2. Civil Rights Act
3. March on Washington
4. Voting Rights Act

Approximate Dates (for reference):

- Montgomery Bus Boycott: 1955–1956
- Civil Rights Act: 1964
- March on Washington: 1963
- Voting Rights Act: 1965

Order Options:

- A) 1 → 3 → 2 → 4
 - B) 1 → 2 → 3 → 4
 - C) 3 → 1 → 4 → 2
 - D) 2 → 4 → 1 → 3
-

Question 5

Match each economic term to its definition:

- **Terms:**
 1. Recession
 2. Inflation
 3. Gross Domestic Product (GDP)
 4. Deficit Spending

- **Definitions:**

- A) A sustained increase in the general price level of goods and services
 - B) Occurs when government expenditures exceed revenue in a given period
 - C) The total value of all goods and services produced within a country over a specific time
 - D) A period of economic decline characterized by reduced trade and rising unemployment
-

Fill-in-the-Blank Questions (~3–5 Questions)

1. The _____ of Independence, drafted in 1776, formally announced the American colonies' separation from Britain.
 2. In U.S. government, a _____ legislature is one divided into two separate chambers or houses.
 3. The U.S. Constitution includes a system of _____ and balances to prevent any one branch of government from becoming too powerful.
 4. A region of the U.S. widely known for its agricultural output, especially grain production, is often called the _____.
 5. _____ was the movement that sought to ban or limit alcoholic beverages, culminating in Prohibition in the early 20th century.
-

Drop-Down Questions (~2–4 Questions)

1. Which economic system is characterized by [Select One] ownership of the means of production?
 - A) capitalism
 - B) feudalism
 - C) monarchy
 2. A primary source (as opposed to a secondary source) is one that [Select One] an event.
 - A) interprets
 - B) directly witnesses
 - C) critiques
 3. The term “Jim Crow laws” refers to [Select One] in the post-Reconstruction South.
 - A) voting reforms
 - B) racial segregation policies
 - C) modern banking regulations
 4. The [Select One] officially ended the legal institution of slavery in the United States.
 - A) 15th Amendment
 - B) 13th Amendment
 - C) 24th Amendment
-

Hotspot Questions (~1–3 Questions)

1. **On a map of the U.S., identify the state of Louisiana,** originally part of the Louisiana Purchase territory.

2. **On a timeline of the 18th century**, click the approximate year of the Boston Tea Party (1773).
3. **On a diagram of the U.S. Capitol building**, highlight the **Senate chamber** where each state's two senators convene.

(In a computer-based test, you would click or tap the correct area rather than entering text.)

Extended Response (Short Essay)

Prompt

“During the Progressive Era (roughly 1890s–1920s), activists and politicians sought to address problems arising from rapid industrialization, urbanization, and political corruption. Analyze how Progressive reformers influenced American society by advancing ideas about worker protections, public health, and government accountability. Provide specific examples from legislation, notable figures, or critical events to support your analysis.”

(Write a short essay explaining the effects of Progressive Era reforms on American society, including relevant changes and ongoing debates.)

FULL LENGTH EXAM ANSWERS

EXAM 5

RLA QUESTIONS:

Multiple choice questions

1. C
2. B
3. B
4. C
5. A
6. C
7. B
8. A
9. C
10. B

11. C
12. B
13. B
14. B
15. B
16. C
17. D
18. C
19. C
20. B

21. C
22. C
23. A
24. B
25. A
26. B
27. C
28. C
29. D
30. C

Drop-Down Questions

1. A
2. B
3. B
4. B
5. C

Fill-in-the-Blank Questions

1. personification

2. conclusion
3. run-on sentence
4. hyperbole
5. denotation

Extended Response

The author effectively argues that digital literacy has become a crucial skill by presenting clear evidence, logical reasoning, and balanced language. First, the passage cites employers who “seek individuals who are not only proficient in specific software but also able to adapt to new technology rapidly.” This detail appeals to readers’ sense of practicality, showing how digital skills can directly impact job opportunities. The author also highlights how daily tasks, such as banking and grocery shopping, now rely on online platforms. By providing these everyday examples, the passage demonstrates that technology permeates both personal and professional spheres, making digital proficiency not just a luxury but a necessity.

In addition, the author strengthens the argument with a counterpoint, acknowledging concerns about reduced face-to-face interaction and potential privacy risks. This balanced approach enhances credibility because it shows an awareness of drawbacks rather than presenting an overly idealistic view of technology. By admitting there are challenges, the author reinforces the idea that while digital literacy is vital, it should be integrated thoughtfully to preserve interpersonal connections.

Finally, the conclusion points to a cooperative solution: educators and families must collaborate to ensure young people master these modern skills without losing essential social abilities. This inclusive stance—coupled with specific examples and a clear call to action—makes the overall argument convincing. Through a blend of real-world evidence, recognition of opposing views, and a constructive proposal, the author effectively persuades readers that digital literacy is indispensable in today’s world.

MATH QUESTIONS:

Multiple choice questions

1. B
2. B
3. B
4. B
5. C
6. B

7. B
8. C
9. A
10. C
11. B
12. C

13. B
14. A
15. A
16. A
17. B
18. D

19. B
20. C
21. B
22. A

23. D
24. B
25. B
26. B

27. A
28. C
29. C
30. A

Drag-and-Drop Questions

Question 1

Shapes to Area Formulas:

7. Parallelogram → B) $b \times h$
 8. Trapezoid → A) $\frac{(b_1+b_2)}{2} \times h$
 9. Rhombus → D) $\frac{d_1 \times d_2}{2}$
 10. Circle → C) πr^2
-

Question 2

Descending order (largest to smallest):

- 0.9
 - 0.85
 - $\frac{5}{6}$ (approximately 0.8333)
 - $\frac{3}{4}$ (0.75)
-

Question 3

Types of Triangles to Descriptions:

11. Scalene → A) All sides different
 12. Isosceles → B) Two sides equal
 13. Equilateral → C) All sides equal
-

Question 4

Metric Units (smallest to largest):

- Millimeter (mm)
 - Centimeter (cm)
 - Meter (m)
 - Kilometer (km)
-

Question 5

Linear Equations to Slopes:

14. $y = 3x - 2 \rightarrow D) m = 3$
15. $y = -x + 5 \rightarrow C) m = -1$
16. $y = \frac{1}{2}x + 1 \rightarrow A) m = \frac{1}{2}$
17. $y = 4x - 7 \rightarrow B) m = 4$
-

Fill-in-the-Blank Questions

18. A rectangle has a length of 8 cm and a width of 5 cm. Its area is **40** cm².
19. Solve for x : $4x + 8 = 24$. $x = \mathbf{4}$.
20. A circle has a diameter of 6 cm. Its radius is **3** cm.
21. The percentage decrease from 80 to 60 is **25%**.
-

Hotspot Questions

22. **Reflection** of the point (3,2) across the **x-axis** is (3, -2).
23. **Pie chart 50%**: Select the sector that forms exactly half of the circle.
24. **Bar graph with four categories**: Identify the bar that corresponds to a **value of 12** on the vertical axis.
-

Short Answer Questions

25. **Finding the Greatest Common Divisor (GCD)**
- **Method 1 (Prime Factorization)**: Break each number into prime factors, then multiply the common prime factors.
 - **Method 2 (Euclidean Algorithm)**: Repeatedly apply the remainder operation until the remainder is zero. The nonzero remainder from the prior step is the GCD.
 - Example for 18 and 24:
 - Prime Factorization:
 - $18 = 2 \times 3 \times 3$
 - $24 = 2 \times 2 \times 2 \times 3$
 - Common factors: 2 and 3
 - $GCD = 2 \times 3 = 6$.
26. **Average Speed** of a train traveling 240 miles in 4 hours
- **Average speed** = $\frac{\text{Total distance}}{\text{Total time}} = \frac{240}{4} = 60$ miles per hour.

SCIENCE QUESTIONS:

Multiple choice questions

1. B

2. B

3. B

4. C
5. C
6. C
7. B
8. D
9. C
10. B
11. D

12. B
13. C
14. B
15. A
16. B
17. C
18. B
19. C

20. D
21. C
22. C
23. C
24. B
25. B

Drag-and-Drop Questions

1. **Stages of Mitosis**
 - Prophase → C) The nuclear membrane dissolves; chromatin condenses.
 - Metaphase → A) Chromosomes line up along the cell's center.
 - Anaphase → B) Sister chromatids separate and move to opposite poles.
 - Telophase → D) Two new nuclei form as chromosomes decondense.
2. **Steps of Protein Synthesis (Correct Order)**
 1. Transcription
 2. mRNA leaves nucleus
 3. Translation
 4. Protein folding
3. **Tectonic Plate Boundaries**
 - Divergent boundary → A) Plates move apart (mid-ocean ridges, rift valleys)
 - Convergent boundary → C) Plates collide (mountain ranges, subduction zones)
 - Transform boundary → B) Plates slide past each other (earthquakes)
4. **Taxonomic Ranks (Broadest to Most Specific)**
 1. Class
 2. Order
 3. Family
 4. Genus
5. **Domains of Life**
 - Bacteria → B) Single-celled prokaryotes found in common environments
 - Archaea → A) Single-celled, often living in extreme environments, no nucleus
 - Eukarya → C) Organisms with a nucleus and membrane-bound organelles

Fill-in-the-Blank Questions

1. The organelle that modifies, sorts, and packages proteins for secretion is the **Golgi apparatus**.

2. The process by which plants convert sunlight into chemical energy is called **photosynthesis**.
3. A **compound** is a substance containing two or more elements chemically combined in a fixed proportion.
4. The temperature at which a substance changes from liquid to solid is its **freezing point**.

Hotspot Questions

1. On a labeled diagram of the human heart, the **left atrium** is where oxygenated blood enters from the lungs.
2. On a climate map of Earth, select the **tropical monsoon** region (e.g., parts of South and Southeast Asia).
3. On a cross-sectional diagram of Earth's layers, the **outer core** lies beneath the mantle and surrounds the inner core.

Short Answer Questions

1. **Carrying capacity changes over time** as resource availability (e.g., food, water) fluctuates and environmental conditions (e.g., climate shifts, natural disasters) impact an ecosystem. If resources become scarce or the environment changes drastically, the ecosystem can support fewer organisms. Conversely, if conditions improve (e.g., abundant rainfall), carrying capacity may increase.
2. **Weather vs. Climate:**
 - **Weather** describes **short-term** atmospheric conditions (e.g., daily temperature, precipitation). For instance, saying "It rained yesterday in Seattle" refers to weather.
 - **Climate** refers to **long-term** patterns over years or decades (e.g., average temperature, typical rainfall). Saying "Seattle has a generally cool, wet climate" describes climate.

SOCIAL STUDIES QUESTIONS:

Multiple choice questions

1. B
2. C
3. B
4. A
5. C

6. B
7. C
8. D
9. C
10. C

11. C
12. B
13. B
14. B
15. B

16. B
17. B
18. B
19. D

20. C
21. B
22. C
23. B

24. C
25. B

Drag-and-Drop Questions

Question 1

- Pure Food and Drug Act → **B) Required truthful labeling of consumer products**
- Meat Inspection Act → **C) Enforced sanitary standards in slaughterhouses**
- Clayton Antitrust Act → **A) Strengthened laws against monopolies**

Question 2

Arrange the following U.S. wars in chronological order (earliest to latest):

1. **Spanish–American War (1898)**
2. **Korean War (1950–1953)**
3. **Vietnam War (U.S. major involvement 1960s–1970s)**
4. **Gulf War (1990–1991)**

Question 3

- Separation of Powers → **B) Distributes authority among different branches of government**
- Checks and Balances → **A) Ensures no branch becomes too powerful by allowing each to limit others**
- Federalism → **C) Divides power between the national and state governments**

Question 4

Order these major U.S. Supreme Court cases by the year they were decided (earliest to latest):

1. **Marbury v. Madison (1803)**
 2. **Plessy v. Ferguson (1896)**
 3. **Brown v. Board of Education (1954)**
 4. **Miranda v. Arizona (1966)**
-

Fill-in-the-Blank Questions

Question 1

The war that took place between the Allied and Axis powers from 1939 to 1945 is known as **World War II**.

Question 2

The policy aimed at preventing the spread of communism during the Cold War was called the **Truman Doctrine**.

Question 3

The economic crisis that began with the collapse of the housing market in 2008 is referred to as the **Great Recession**.

Drop-Down Questions

Question 1

The Emancipation Proclamation was issued by **Abraham Lincoln**.

Question 2

The Bill of Rights is the name given to the first **10** amendments to the U.S. Constitution.

Question 3

The Supreme Court case that legalized interracial marriage in the United States was **Loving v. Virginia**.

Hotspot Questions

Question 1

On a map of the United States, the state known as the “Lone Star State” is **Texas**.

Question 2

On a world map, the country that was divided into East and West during the Cold War is **Germany**.

Extended Response (Short Essay)

Question

Analyze the impact of the women's suffrage movement on American society. Discuss how activists fought for voting rights, the importance of the 19th Amendment, and how the movement influenced later efforts toward gender equality and social reform.

Sample Essay Response

The women's suffrage movement fundamentally reshaped American society by challenging long-standing cultural and legal barriers that prevented women from fully participating in public life. Activists such as Susan B. Anthony, Elizabeth Cady Stanton, and many others organized rallies, wrote persuasive literature, and lobbied elected officials, despite facing hostility and even arrest. Their strategies ranged from peaceful protests and parades to civil disobedience, all aimed at drawing attention to the injustice of denying women the right to vote.

A pivotal achievement of this movement was the ratification of the 19th Amendment in 1920, which guaranteed women the right to vote nationwide. This victory significantly expanded the electorate and symbolized growing recognition of women's political and social contributions. Beyond voting rights, the suffrage movement laid the groundwork for further reforms, inspiring new generations of activists to address inequalities in education, employment, and healthcare. Later feminist movements built upon this foundation to push for legislation such as the Equal Pay Act and Title IX, underscoring the continuing impact that suffragists had on broader civil rights and social reform efforts.

Overall, the women's suffrage movement demonstrated the power of collective activism, altering the political landscape and moving the country closer to the ideal of equal rights for all citizens. Its influence is evident today in the ongoing quest for gender equality in both public policy and cultural attitudes.

EXAM 6

Multiple choice questions

1. D
2. C
3. B
4. B
5. C
6. A
7. B
8. B
9. C
10. B

11. B
12. B
13. B
14. C
15. B
16. C
17. B
18. A
19. D
20. C
21. B

22. A
23. C
24. B
25. B
26. B
27. B
28. A
29. B
30. B

Drop-Down Questions

1. In a narrative essay, dialogue is used primarily to **highlight the conflict**.
2. An author's purpose in a descriptive passage is to **depict a scene vividly**.
3. When an essay includes counterarguments, it is likely an **argumentative essay**.
4. An effective introduction often ends with a **thesis statement**.
5. When authors "show, not tell" in their writing, they rely on **sensory details**.

Fill-in-the-Blank Questions

1. A **primary** source is an account of an event by someone who experienced it firsthand.
 2. A **simple** sentence typically contains one independent clause and no dependent clauses.
 3. The character who opposes the protagonist and creates conflict is known as the **antagonist**.
 4. The **mood** is the emotional atmosphere or feeling created by a literary work.
 5. When planning an essay, creating an **outline** helps organize main ideas and supporting details.
-

Extended Response (Essay)

Prompt Recap:

“Reading fiction can provide unique insights into human nature that nonfiction texts may not capture as vividly. Some educators believe that exposure to novels and short stories develops empathy and critical thinking, while others argue that more factual or technical readings are better for academic progress. Analyze the value of reading fiction in an educational setting. Discuss potential benefits, address possible drawbacks, and present your viewpoint on whether fiction should remain a core part of curricula.”

Sample Essay Response:

Reading fiction is an essential component of a well-rounded education, as it fosters empathy, expands critical thinking, and promotes cultural awareness among students. For instance, a novel that portrays the struggles of a historical figure or an individual from a marginalized background can give readers a deeper emotional understanding of experiences that differ from their own. This firsthand immersion in a character’s perspective can stimulate empathy, a trait that is vital to building compassionate communities.

In addition to emotional growth, fiction also hones analytical skills by requiring readers to interpret symbolism, examine character motivation, and think critically about plot development. These analytical abilities extend beyond literature classes, helping students become better problem-solvers and more engaged learners across academic fields. While some educators might argue that factual or technical readings are more academically rigorous, fiction provides an engaging gateway to broader literacy skills and creativity.

Nevertheless, educators may worry that a heavy focus on stories is not as practical in preparing students for standardized tests or future careers. Addressing this concern involves striking a balance: fiction reading need not preclude the study of nonfiction. In fact, weaving both fiction and nonfiction texts into curricula can strengthen student literacy in multiple domains.

On balance, however, the empathy-building and critical-thinking advantages offered by fiction make a compelling case for retaining novels and short stories in school programs. Fiction not only enriches vocabulary but also challenges students to grapple with moral and ethical dilemmas, skills that are critical for success in any academic or professional setting. Therefore, fiction should remain a core element of curricula to ensure a holistic and culturally responsive education.

MATH QUESTIONS:

Multiple choice questions

1. C
2. C
3. C
4. B
5. A
6. C
7. A
8. C
9. B

10. B
11. A
12. A
13. B
14. C
15. C
16. B
17. A
18. D

19. C
20. B
21. A
22. B
23. B
24. B
25. B

Drag-and-Drop Questions

Question 1

Match each 3D shape to its formula for volume:

- Rectangular Prism → **B)** $\ell \times w \times h$
- Cylinder → **A)** $\pi r^2 h$
- Sphere → **C)** $\frac{4}{3} \pi r^3$

Question 2

Arrange the steps to solve $2(x + 4) = 14$:

1. **Distribute 2 across the parentheses** → $2x + 8 = 14$
2. **Subtract 8 from both sides** → $2x = 6$
3. **Solve for x** → $x = 3$

Correct order:

1. Distribute 2 across the parentheses
 2. Subtract 8 from both sides
 3. Solve for x
-

Question 3

Match each geometry term to its definition:

- Parallel Lines → **B) Lines that never meet or cross**
 - Perpendicular Lines → **A) Lines that cross at exactly 90°**
 - Intersecting Lines → **C) Lines that cross at any angle**
-

Question 4

Order the decimals from smallest to largest:

- 0.25 → **1st**
 - 0.375 → **2nd**
 - 0.4 → **3rd**
-

Question 5

Match each transformation to its description:

- Reflection → **A) Flipping a figure over a line**
 - Rotation → **C) Turning a figure about a fixed point**
 - Translation → **B) Shifting a figure without rotating or flipping**
-

Question 6

Arrange the steps for converting a mixed number (e.g., $2\frac{1}{3}$) to an improper fraction:

1. **Multiply the whole number by the denominator** → $2 \times 3 = 6$
2. **Add the original numerator to that product** → $6 + 1 = 7$
3. **Place the result over the original denominator** → $\frac{7}{3}$

Correct order:

1. Multiply the whole number by the denominator
 2. Add the original numerator
 3. Place the result over the original denominator
-

Fill-in-the-Blank Questions

1. The ratio of a circle's circumference to its diameter is called **pi**.
 2. According to the Pythagorean theorem, in a right triangle $a^2 + b^2 = c^2$.
 3. A **prime** number is one that can only be divided evenly by 1 and itself.
 4. The point (0,0) where the x-axis and y-axis intersect is called the **origin**.
 5. The square root of 2 is an example of an **irrational** number because it cannot be expressed as a fraction.
-

Hotspot Questions

1. **Coordinate Plane:** The point $(-1,4)$ is located 1 unit left of the y-axis (negative x-direction) and 4 units up from the x-axis.

2. **Bar Chart:** The bar with the largest population is the tallest bar.
 3. **Line Graph:** The highest temperature is the topmost point on the graph.
-

Short Answer Questions

1. **Explain how to find the greatest common divisor (GCD) of two numbers.**
You can find the GCD of two numbers by listing all the factors of each number and choosing the largest one they share. A more efficient way is the Euclidean algorithm, which repeatedly subtracts or divides out remainders until a common divisor is found.
2. **Describe the difference between a line and a line segment in geometry.**
A **line** extends infinitely in both directions with no endpoints. A **line segment** has two definite endpoints and includes only the points between them.

SCIENCE QUESTIONS:

Multiple Choice Questions

1. B
2. C
3. B
4. A
5. C
6. C
7. B
8. C
9. B

10. C
11. B
12. D
13. B
14. C
15. B
16. C
17. C
18. A

19. A
20. D
21. B
22. D
23. B
24. C
25. D

Drag-and-Drop Questions

Question 1

Match each **principle of cell theory** to its statement:

- **All living organisms are composed of one or more cells** → []
- **Cells are the basic unit of structure and organization in organisms** → []
- **Cells arise from pre-existing cells** → []

Options:

- A) Fundamental building blocks of life
 - B) No spontaneous generation
 - C) Universal composition of all life
-

Question 2

Match each **atmospheric layer** to its primary characteristic:

- **Troposphere** → []
- **Stratosphere** → []
- **Mesosphere** → []

Options:

- A) Contains most commercial flight paths and the ozone layer
 - B) Weather phenomena occur here
 - C) Coldest layer, where most meteors burn up
-

Question 3

Arrange the steps of **protein synthesis** in the correct order:

- **Translation** → []
 - **Transcription** → []
 - **mRNA moves from nucleus to ribosome** → []
 - **tRNA brings amino acids to the ribosome** → []
-

Question 4

Match each **type of muscle** to its defining characteristic:

- **Skeletal muscle** → []
- **Smooth muscle** → []
- **Cardiac muscle** → []

Options:

- A) Found in the walls of internal organs; involuntary
 - B) Attached to bones; voluntary
 - C) Found only in the heart; involuntary and striated
-

Question 5

Arrange the **phases of mitosis** in the correct sequence:

- **Metaphase** → []
 - **Prophase** → []
 - **Telophase** → []
 - **Anaphase** → []
-

Question 6

Match each **part of a flower** to its function:

- **Stamen** → []
- **Pistil (Carpel)** → []
- **Sepal** → []

Options:

- A) Protects the developing bud
 - B) Female reproductive structure (contains ovary)
 - C) Male reproductive structure (produces pollen)
-

Fill-in-the-Blank Questions

1. The measure of the average kinetic energy of particles in a substance is called _____.
 2. The phenomenon where light bends when passing from one medium to another is called _____.
 3. _____ is the process by which plants lose water vapor through their leaves.
 4. The layer of the atmosphere closest to Earth's surface is the _____.
 5. A _____ is a testable explanation for a natural phenomenon, based on observations and prior knowledge.
-

Hotspot Questions (4 Questions)

1. On a **diagram of the human digestive system**, select the organ labeled “**stomach.**”
 2. On a **cross-section of a leaf**, identify the “**palisade mesophyll**” layer.
 3. On a **solar system map**, select the planet “**Saturn.**”
 4. On a **climate graph**, select the **month** with the **highest** rainfall.
-

Short Answer Questions (2 Questions)

1. **Explain how gravitational potential energy changes as an object moves away from Earth's surface.**
2. **Describe the role of nitrogen-fixing bacteria in the nitrogen cycle.**

SOCIAL STUDIES QUESTIONS:

Multiple choice questions

1. • B
2. • B
3. • C
4. • B
5. • B
6. • B
7. • C
8. • A
9. • C

10. • B
11. • B
12. • C
13. • A
14. • C
15. • A
16. • B
17. • C
18. • B

19. • C
20. • A
21. • A
22. • A
23. • C
24. • A
25. • B

Drag-and-Drop Questions

Question 1

Match each historical figure to the key event or contribution:

- Thomas Jefferson → **B) Author of the Declaration of Independence**
 - Frederick Douglass → **A) A leading voice in the abolitionist movement**
 - Susan B. Anthony → **C) Pioneering activist for women's suffrage**
-

Question 2

Arrange these U.S. wars in chronological order (earliest to latest):

1. **Mexican–American War** (1846–1848)
2. **World War I** (1914–1918; U.S. involvement 1917–1918)
3. **Korean War** (1950–1953)

Correct sequence:

1. Mexican–American War
 2. World War I
 3. Korean War
-

Question 3

Match each Founding Principle to its description:

- Federalism → **B) Division of power between national and state governments**
- Popular Sovereignty → **A) People hold the ultimate power through voting**
- Checks and Balances → **C) Each branch can limit the power of the other branches**

Question 4

Match each Progressive Era reform to its main focus:

- Pure Food and Drug Act → **B) Required accurate labeling and standards for medications**
 - Clayton Antitrust Act → **A) Strengthened laws against monopolies**
 - Meat Inspection Act → **C) Mandated sanitary conditions in meatpacking**
-

Question 5

Arrange these women's suffrage milestones in chronological order:

1. **Seneca Falls Convention (1848)**
2. **Formation of NAWSA (1890)**
3. **Ratification of the 19th Amendment (1920)**

Correct sequence:

1. Seneca Falls Convention
 2. Formation of NAWSA
 3. 19th Amendment
-

Fill-in-the-Blank Questions

1. The phrase “**Manifest Destiny**” was used in the 19th century to justify American expansion westward.
 2. The Reconstruction Era followed the U.S. **Civil War** and focused on rebuilding the nation.
 3. **Popular Sovereignty** is the idea that the government receives its power from the consent of the governed.
 4. The Supreme Court case that upheld racial segregation under “separate but equal” was **Plessy v. Ferguson**.
 5. The **Enlightenment** was an 18th-century movement emphasizing reason and individualism over tradition.
-

Drop-Down Questions

1. The U.S. acquisition of the Louisiana Territory occurred in **1803**.
 2. The main goal of the Monroe Doctrine was to **warn European nations against further colonization**.
 3. **Who** primarily enforces federal laws in the United States? → **Executive branch**.
 4. **Which** constitutional amendment guarantees the right to bear arms? → **2nd Amendment**.
-

Hotspot Questions

1. **On a U.S. map**, the **Battle of Gettysburg** took place in **Pennsylvania**.
 2. **On a timeline of the 19th century**, the **Missouri Compromise** was enacted in **1820**.
 3. **On a chart** of the three branches of the U.S. government, the section representing the branch that **creates laws** is the **Legislative branch**.
-

Extended Response (Short Essay)

Question

Analyze the significance of the women’s suffrage movement in shaping contemporary American society. In your response, discuss key individuals and organizations involved, major legislative achievements, and lasting cultural impacts. Consider how the movement’s efforts influenced later social and political reforms.

Sample Essay Response

The women’s suffrage movement significantly reshaped American society by challenging the legal and cultural barriers that prevented half the population—women—from having a voice in government. Key figures like Susan B. Anthony and Elizabeth Cady Stanton were instrumental in organizing rallies and public speaking events, forming influential groups such as the National American Woman Suffrage Association (NAWSA). Their strategic leadership helped galvanize public opinion around the injustice of denying women the right to vote.

A pivotal milestone was the 19th Amendment, ratified in 1920, which granted women the right to vote nationwide. This victory broadened the electorate and marked a critical turning point for gender equality, laying a foundation for subsequent advancements in women’s rights. Beyond voting, the suffrage movement inspired future generations of activists to push for reforms in education, employment, and healthcare. For example, women’s increased political participation led to initiatives advocating equal pay, workplace protections, and reproductive rights, significantly altering the social and political landscape.

The suffrage movement’s legacy is evident today in higher female voter turnout, greater representation of women in public office, and a societal expectation that political discourse should reflect the perspectives of all citizens. By dismantling the institutional barriers to suffrage, these activists opened the door for women to shape policy and drive social change, profoundly influencing the direction of modern American democracy.

EXAM 7

RLA QUESTIONS:

Multiple choice questions

1. B
2. B
3. C
4. C
5. A
6. B
7. A
8. B
9. B
10. A
11. C

12. B
13. A
14. B
15. A
16. C
17. C
18. B
19. B
20. A
21. B
22. C

23. C
24. A
25. B
26. B
27. C
28. C
29. B
30. B

Drop-Down Questions

1. **Question:**

“Everyone in the class turned in _____ assignment on time.”

Correct Answer: A) his or her

(Traditionally, “everyone” is considered singular, so “his or her” is the most grammatically precise. However, modern usage often accepts “their” to be gender-inclusive.)

2. **Question:**

“She briskly walked out of the meeting, head held high and determination shining in her eyes.”

What is the tone?

Correct Answer: B) Confident

3. **Question:**

“Sales increased by 15% in the first quarter; _____, revenue projections were adjusted upward.”

Correct Answer: B) as a result

4. **Question:**

“His _____ explanation made it easy for everyone to understand the complex topic.”

Correct Answer: B) concise

5. **Question:**

“She’s planning a big trip next summer _____ London and Paris.”

Correct Answer: C) and

Fill-in-the-Blank Questions

1. The concluding paragraph of an essay should include a restatement of the **thesis** and a final thought.
 2. **Logos** is a rhetorical technique where an author uses facts, data, and logic to persuade readers.
 3. A **complex** sentence has one independent clause and one or more dependent clauses.
 4. A strong introduction often contains both a hook and a **thesis statement**, which clearly states the main argument.
 5. **Transitions** are words like “meanwhile,” “in addition,” and “consequently” that help connect ideas in writing.
-

Extended Response (Essay)

Prompt Recap:

“The rise of technology in classrooms has transformed education. Studies show that students who use digital tools, such as tablets and online learning platforms, perform better on standardized tests compared to those who do not. For instance, a 2023 study found that 78% of students using tablets in classrooms scored higher in math than their peers using traditional methods. Additionally, digital tools help teachers personalize learning, catering to individual students' needs. However, critics argue that over-reliance on technology may hinder critical thinking and interpersonal skills. Despite these concerns, the advantages of incorporating technology into education outweigh the drawbacks, as it prepares students for a rapidly evolving digital world.”

Essay:

In this passage, the author argues that integrating technology in classrooms significantly benefits students and educators, despite a few criticisms. The main claim is that digital tools not only improve standardized test performance but also allow for personalized instruction that meets individual learning needs.

To support this argument, the author cites a **2023 study** showing that **78% of students using tablets** in class scored higher in math than those taught by traditional methods. This statistic offers a concrete, measurable advantage, emphasizing how technology can translate into tangible academic success. Furthermore, the passage points out that technology **personalizes learning**, suggesting that teachers can adapt lessons to varied learning styles, thereby maximizing student engagement.

Although the passage acknowledges critics’ concerns—namely that over-reliance on technology might diminish critical thinking and social skills—it counters by stating that **the advantages outweigh the drawbacks**. However, the argument would be stronger if it offered a clearer rebuttal

to these criticisms, perhaps describing how technology can foster collaboration or creative problem-solving.

Overall, the evidence presented is compelling. By including both **quantitative data** (the 78% figure) and **qualitative points** (the flexibility of personalized learning), the author demonstrates a balanced approach. Still, the argument could benefit from more specific details about the nature of the studies, such as the size of the sample group or the duration of the experiments, to strengthen its credibility further.

In conclusion, the author effectively uses statistical evidence and examples to show that technology supports academic growth and prepares students for a digital future. While the concerns about over-reliance on devices warrant consideration, the data given strongly suggests that when implemented thoughtfully, educational technology has a positive impact on student learning outcomes.

MATH QUESTIONS:

Multiple choice questions

1. B
2. C
3. C
4. B
5. C
6. D
7. B

8. B
9. A
10. D
11. A
12. C
13. A
14. D

15. A
16. A
17. B
18. D
19. B
20. A

Drag-and-Drop Questions

- $\frac{1}{4} \rightarrow$ A) 0.25, $\frac{3}{5} \rightarrow$ C) 0.6, $\frac{7}{10} \rightarrow$ B) 0.7
- $\sqrt{16} \rightarrow$ B) 4, 4.1 \rightarrow A) 4.1, $\frac{10}{2} \rightarrow$ C) 5
- Triangle \rightarrow A) 3, Pentagon \rightarrow B) 5, Octagon \rightarrow C) 8
- Step 1 \rightarrow A) Divide both sides by 2, Step 2 \rightarrow B) Subtract 3 from both sides, Step 3 \rightarrow C) Simplify to isolate x
- Acute \rightarrow B) Less than 90° , Right \rightarrow A) Exactly 90° , Obtuse \rightarrow C) Greater than 90°
- Gallon \rightarrow B) Volume, Yard \rightarrow A) Length, Pound \rightarrow C) Weight
- $\frac{3}{4} \rightarrow$ 1st, $\frac{2}{3} \rightarrow$ 2nd, $\frac{1}{2} \rightarrow$ 3rd

Fill-in-the-Blank Questions

- Length
- 49
- Equilateral
- $y; x$
- 6
- 2

Hotspot Questions

- The correct coordinate is (3,4).
- The correct point on the number line is -3 .
- Select the highest bar labeled "A."
- Select the section of the pie chart labeled "Rent."

5. The point $(-5,7)$ is located in the second quadrant (Quadrant II).

Short Answer Questions

1. **Perimeter** is the total distance around the edges of a shape, while **area** measures the space enclosed within the shape.
- Example: Perimeter is used to calculate the length of fencing needed for a garden, while area is used to determine how much grass seed is required to cover the garden.
2. Solve for x :

$$5x - 10 = 20$$

Add 10 to both sides: $5x = 30$

Divide by 5: $x = 6$

Answer: $x = 6$

SCIENCE QUESTIONS:

Multiple choice questions

1. B
2. B
3. B
4. C
5. D
6. B
7. D
8. B
9. C

10. A
11. A
12. B
13. B
14. B
15. A
16. A
17. B
18. C

19. A
20. A
21. D
22. B
23. C
24. B
25. C

Drag-and-Drop Questions

Question 1

Match each blood component to its primary function:

- Red Blood Cells (RBCs) → **B) Transport oxygen**
- White Blood Cells (WBCs) → **A) Defense against infection**
- Platelets → **C) Assist in clotting**

Question 2

Arrange the stages of mitosis in correct order (earliest to latest):

1. **Prophase**
 2. **Metaphase**
 3. **Anaphase**
 4. **Telophase**
-

Question 3

Match each type of tropism (plant growth response) to its definition:

- Phototropism → **B) Response to light**
 - Gravitropism → **C) Response to gravity**
 - Thigmotropism → **A) Response to touch or physical contact**
-

Question 4

Place the following biological classification levels from broadest to most specific:

1. **Kingdom**
 2. **Phylum**
 3. **Genus**
 4. **Species**
-

Question 5

Match each rock type to its key formation process:

- Sedimentary → **B) Formed by layers of sediment compacted over time**
 - Igneous → **A) Formed from cooling magma or lava**
 - Metamorphic → **C) Formed when existing rock is changed by heat and pressure**
-

Question 6

Match each greenhouse gas to one primary human-related source:

- Carbon Dioxide (CO₂) → **B) Burning of fossil fuels**
 - Methane (CH₄) → **C) Livestock digestion**
 - Nitrous Oxide (N₂O) → **A) Fertilizer use in agriculture**
-

Fill-in-the-Blank Questions

1. A **cell** is the smallest unit capable of carrying out all the functions of life.
 2. The process by which organisms keep their internal conditions stable is called **homeostasis**.
 3. A chemical reaction that releases energy is known as an **exothermic** reaction.
 4. The **molten iron** in Earth's core creates a magnetic field protecting the planet from solar wind.
 5. The oxygen in Earth's atmosphere is primarily produced by **plants** through photosynthesis.
-

Hotspot Questions

1. **Digestive System Diagram:** The organ that produces bile is the **liver**.

2. **Cross-Section of Earth:** The **outer core** is located between the mantle and the inner core; it is liquid iron and nickel.
 3. **Plant Cell Diagram:** The **cell wall** is the rigid outer layer surrounding the cell membrane.
 4. **Water Cycle Illustration:** **Transpiration** is labeled where water vapor leaves plant leaves and enters the atmosphere.
-

Short Answer Questions

Question 1

Explain how photosynthesis and respiration are interconnected in the carbon cycle.

Answer (Sample): During photosynthesis, plants absorb carbon dioxide (CO₂) from the atmosphere and use sunlight to convert it into sugars, releasing oxygen (O₂) as a byproduct. Animals (and plants at night) perform cellular respiration, taking in that oxygen and breaking down sugars to release energy, producing CO₂ as a waste product. This cycling of CO₂ and O₂ between photosynthesis and respiration helps maintain stable levels of these gases in the environment.

Question 2

Describe the difference between a food chain and a food web, and provide an example of each.

Answer (Sample): A **food chain** shows a single, linear path of energy flow from a producer (such as grass) to a series of consumers (such as grass → grasshopper → frog → snake). A **food web** is more complex, illustrating multiple overlapping food chains within an ecosystem (for instance, grass could feed grasshoppers and rabbits, which could feed various predators like snakes and hawks). Food webs give a broader picture of how energy moves through an entire community of organisms.

SOCIAL STUDIES QUESTIONS:

Multiple choice questions

1. • C
2. • C
3. • D
4. • B
5. • B
6. • B
7. • A
8. • B
9. • C

10. • C
11. • B
12. • B
13. • D
14. • C
15. • C
16. • B
17. • B
18. • B

19. • C
20. • C
21. • B
22. • C
23. • C
24. • B
25. • B

Drag-and-Drop Questions

Question 1

Match each U.S. Constitutional Amendment to its key outcome:

- 15th Amendment → **A) Gave African American men the right to vote**
- 17th Amendment → **B) Established direct election of senators by the people**
- 26th Amendment → **C) Lowered the voting age to 18**

Question 2

Match each U.S. President to a notable event or policy:

- Andrew Jackson → **A) Indian Removal Act**
- Theodore Roosevelt → **B) Square Deal**
- John F. Kennedy → **C) New Frontier**

Question 3

Place the following U.S. territorial expansions in chronological order (earliest to latest):

1. Louisiana Purchase (1803)
2. Texas Annexation (1845)
3. Gadsden Purchase (1853)
4. Alaska Purchase (1867)

Correct sequence:

1) Louisiana Purchase → 2) Texas Annexation → 3) Gadsden Purchase → 4) Alaska Purchase

Question 4

Match each key concept in U.S. civics to its definition:

- Federalism → **B) Power is shared between the national and state governments**
 - Judicial Review → **A) Courts have the power to declare laws unconstitutional**
 - Popular Sovereignty → **C) The people hold ultimate authority through voting**
-

Question 5

Match each major U.S. conflict to its approximate time period:

- Spanish–American War → **A) 1898**
 - Korean War → **B) 1950–1953**
 - Persian Gulf War → **C) 1990–1991**
-

Fill-in-the-Blank Questions

1. The first ten amendments to the U.S. Constitution are collectively called the **Bill of Rights**.
 2. **Alaska** was purchased from Russia in 1867, a transaction sometimes referred to as “Seward’s Folly.”
 3. The economic principle that government should minimally intervene in business is known as **laissez-faire**.
 4. The region of the United States known for industrial decline in the late 20th century is nicknamed the **Rust Belt**.
 5. The concept that citizens hold the governing power in a democracy is referred to as **popular sovereignty**.
-

Drop-Down Questions

1. The main reason for drafting the Declaration of Independence in 1776 was to **announce separation from Britain**.
 2. The system that prevents any one branch from becoming too powerful in the U.S. government is called **checks and balances**.
 3. The movement aimed at abolishing slavery in the United States is referred to as **abolition**.
 4. During the Civil War, the southern states formed the **Confederacy**.
-

Hotspot Questions

1. **On a map of the original 13 colonies**, the colony of **Virginia** is located along the Atlantic coast, roughly in the Mid-Atlantic region.
2. **On a timeline of U.S. expansions**, the **Texas Revolution** (1835–1836) occurs before the Mexican–American War (1846–1848).

3. On a diagram illustrating the three branches of government, the **Judicial Branch** interprets laws.
-

Extended Response (Short Essay)

Prompt Recap:

Discuss how the policy of “Manifest Destiny” influenced the expansion of the United States during the 19th century. Include key motivations behind Manifest Destiny, its impact on Native American populations, and how it shaped U.S. territorial growth, using specific historical examples.

Sample Essay Response

“Manifest Destiny” was the 19th-century belief that the United States was destined—by divine will or national mission—to expand across the North American continent. Driven by economic interests, a desire for new farmland, and a sense of cultural superiority, Manifest Destiny motivated many Americans to move westward and settle new territories. Political leaders embraced expansion as a way to spread democratic ideals, while settlers viewed the Western frontier as an opportunity for prosperity and freedom.

Several key events exemplify this ideology. The **Louisiana Purchase** of 1803 doubled the size of the United States and set the stage for further western expansion. Later, the **annexation of Texas** in 1845 and the acquisition of California and other western lands following the **Mexican–American War** in 1848 expanded the U.S. to the Pacific Ocean. Although these moves strengthened the nation’s economic and political position, they also led to significant conflicts with Native American tribes. Many indigenous peoples were forcibly removed from their ancestral lands through policies such as the **Indian Removal Act** of 1830, resulting in the Trail of Tears and other tragedies.

Overall, Manifest Destiny shaped the territorial boundaries of the modern United States and accelerated economic growth in the new states. However, it also brought about ethical and humanitarian consequences, particularly for Native Americans who faced loss of land, broken treaties, and cultural displacement. Despite its controversial legacy, Manifest Destiny remains a defining concept for understanding U.S. expansion and 19th-century nation-building.

EXAM 8

RLA QUESTIONS:

Multiple choices answers

1. C
2. B
3. B
4. C
5. B
6. B
7. B
8. B
9. C
10. B
11. B
12. C
13. B
14. B
15. B

16. B
17. B
18. C
19. C
20. C
21. B
22. A
23. A
24. D
25. B
26. B
27. B
28. B
29. B
30. C
31. D

32. D
33. C
34. B
35. C
36. B
37. C
38. C
39. B
40. C
41. D
42. B
43. C
44. B
45. C

Drop-Down Questions

1. Which transition word best completes the sentence?
“The project faced several unexpected challenges; _____, we managed to finish on time.”
Correct Answer: B) however

2. **Which verb tense best completes the sentence?**

“By the end of the year, the volunteers _____ over 500 hours helping in the community.”

Correct Answer: A) will have spent

(Future perfect tense is appropriate here because it describes an action that will be completed by a specific time in the future.)

3. **What is the role of an introduction in an essay?**

Correct Answer: C) To present the topic and engage the reader

4. **Choose the correct pronoun to complete the sentence:**

“Each of the students must submit _____ assignment by Friday.”

Correct Answer: B) his or her

(Traditionally correct; many now accept “their” for gender neutrality, but “his or her” is the formal standard.)

5. **Select the word that best completes the sentence:**

“She proofread her essay carefully; _____, she still found a few errors later.”

Correct Answer: B) surprisingly

Fill-in-the-Blank Questions

1. A statement that takes a position in an argumentative essay is called a **thesis**.
2. **Diction** refers to an author’s choice of words and style of expression.
3. A **conjunction** connects words, phrases, or clauses (e.g., **and**, **but**, **or**).
4. The **topic sentence** of a paragraph is often the first sentence and states the main point.
5. When you quote someone’s words exactly, you must use **quotation** marks to indicate their speech or text.

Extended Response (Essay)

Sample Essay Response

In this passage, the author examines the influence of technology on everyday life, weighing both its benefits and potential drawbacks. By highlighting multiple examples—social media’s role in connecting people worldwide versus its contribution to misinformation, or automation’s efficiency compared to possible job loss—the author uses **specific evidence** to illustrate the complexity of modern technology. These real-life instances offer **credibility** and help readers envision the practical effects on society.

Additionally, the author employs a **balanced tone**, neither strictly praising nor condemning technology. Instead, they invite readers to consider how innovation, while generally advancing convenience and productivity, can also yield unexpected complications. This approach to **reasoning** fosters a nuanced understanding: progress does not come without challenges, and it is up to individuals and policymakers to address these challenges responsibly.

Stylistically, the passage remains **concise**, presenting each side of the argument with clear transitions that underscore its dual nature. Through the interplay of positive and negative impacts, the author demonstrates how technology can be both “a net positive” and a source of concern. This balanced method of presenting **pros** and **cons** encourages readers to form an informed judgment rather than accepting a one-sided claim. Overall, the author’s combination of **evidence**, **reasoning**,

and **structure** effectively underscores the pivotal role technology plays, challenging society to embrace innovation responsibly.

MATH QUESTIONS:

Multiple choices questions

1. B
2. C
3. B
4. D
5. A
6. A
7. A
8. C
9. B

10. A
11. C
12. A
13. A
14. A
15. B
16. C
17. A
18. A

19. C
20. B
21. B
22. A
23. B
24. B
25. C

Drag-and-Drop Questions

Question 1

Match each linear equation to its solution:

- $3x + 5 = 20$**
 - Solve: $3x = 15 \rightarrow x = 5 \rightarrow$ **A**
- $4x - 8 = 16$**
 - Solve: $4x = 24 \rightarrow x = 6 \rightarrow$ **B**
- $2x + 6 = 14$**
 - Solve: $2x = 8 \rightarrow x = 4 \rightarrow$ **C**
- $x - 7 = 10$**
 - Solve: $x = 17 \rightarrow$ **D**

So the **correct pairing** is:

- $3x + 5 = 20 \rightarrow x = 5$ (A)
- $4x - 8 = 16 \rightarrow x = 6$ (B)
- $2x + 6 = 14 \rightarrow x = 4$ (C)
- $x - 7 = 10 \rightarrow x = 17$ (D)

Question 2

Drag each shape to its correct **area** formula:

- **Circle** $\rightarrow A = \pi r^2$
 - **Triangle** $\rightarrow A = \frac{1}{2} \times b \times h$
 - **Rectangle** $\rightarrow A = \ell \times w$
 - **Trapezoid** $\rightarrow A = \frac{1}{2} \times (b_1 + b_2) \times h$
-

Question 3

Arrange the numbers **3/4, 0.75, 2/3, 0.8** in **ascending** order:

1. $\frac{2}{3} \approx 0.666 \dots$
2. $\frac{3}{4} = 0.75$
3. 0.75 (same as 3/4)
4. 0.8

So, from **smallest to largest**: **2/3 \rightarrow 3/4 \rightarrow 0.75 \rightarrow 0.8**

(Note that 3/4 and 0.75 are exactly the same value.)

Question 4

Match each **geometric term** to its definition:

- **Radius** \rightarrow A line segment from the center of the circle to its edge \rightarrow **D**
 - **Diameter** \rightarrow A line segment passing through the center, touching two points on the edge \rightarrow **A**
 - **Circumference** \rightarrow The distance around the circle \rightarrow **B**
 - **Chord** \rightarrow A line segment connecting any two points on the circle's edge \rightarrow **C**
-

Question 5

Arrange the fractions **5/6, 3/4, 2/3, 7/8** in **descending** order (largest to smallest). Numerically:

- $\frac{7}{8} = 0.875$
- $\frac{5}{6} \approx 0.833 \dots$
- $\frac{3}{4} = 0.75$
- $\frac{2}{3} \approx 0.666 \dots$

Hence, **descending**: **7/8 \rightarrow 5/6 \rightarrow 3/4 \rightarrow 2/3**

Fill-in-the-Blank Questions

1. **What is the square root of 144?**
Answer: 12
 2. **If the length of a rectangle is 10 cm and the width is 6 cm, its area is _____.**
Answer: 60 cm²
 3. **The sum of the angles in a triangle is always _____ degrees.**
Answer: 180
 4. **Solve for x: $2x + 8 = 20$.**
 - $2x = 12 \rightarrow x = 6$
Answer: 6
 5. **If a circle has a radius of 7 cm, its circumference is approximately _____ cm ($\pi \approx 3.14$).**
 - $\text{Circumference} = 2 \times \pi \times 7 = 2 \times 3.14 \times 7 = 43.96$
Answer: 43.96 cm (or about 44 cm)
-

Hotspot Questions

1. **On a coordinate grid**, the point satisfying $y = 2x + 3$ when $x = 2$ is (2,7).
 2. **On a Venn diagram** for sets A and B, $A \cap B$ is the **overlapping region** common to both sets.
 3. **Highlight the quadrant** where both x and y are negative: **Quadrant III** is where $x < 0$ and $y < 0$.
-

Short Answer Questions

1. **A store is offering a 15% discount** on a \$40 item. **What is the final price?**
 - $\text{Discount} = 0.15 \times \$40 = \$6$
 - $\text{Final price} = \$40 - \$6 = \mathbf{\$34}$
2. **If a train travels 300 miles in 5 hours**, what is its **average speed?**
 - $\text{Average speed} = \text{Distance} \div \text{Time} = 300 \div 5 = \mathbf{60 \text{ mph}}$

SCIENCE QUESTIONS:

Multiple choice questions:

1. B
2. B
3. B
4. B
5. C
6. B
7. D
8. A
9. B
10. B
11. C
12. C
13. B
14. B

15. B
16. C
17. C
18. D
19. B
20. C
21. C
22. B
23. B
24. C
25. B
26. A
27. C
28. C

29. B
30. B
31. B
32. A
33. B
34. C
35. B
36. B
37. C
38. A
39. B
40. B

Drag-and-Drop Questions

Question 1

Match each chemical process to its primary outcome:

1. **Oxidation** → C) Reaction with oxygen to form new substances (e.g., rust)
 2. **Fermentation** → B) Conversion of sugars to alcohol/acid in the absence of oxygen
 3. **Hydrolysis** → A) Breakdown of compounds using water
 4. **Photosynthesis** → D) Conversion of light energy into chemical energy (glucose)
-

Question 2

Match each planet to its unique characteristic:

1. **Saturn** → A) Has a prominent ring system made mostly of ice and rock
 2. **Neptune** → D) Farthest known ice giant with intense blue coloration
 3. **Earth** → C) Only known planet with liquid water covering a large surface area
 4. **Uranus** → B) Notable for its axial tilt, rotating almost on its side
-

Question 3

Arrange the steps of protein synthesis in the correct order (from first to last):

- (3) **DNA is transcribed into mRNA**
- (2) **mRNA travels from the nucleus to the cytoplasm**
- (1) **tRNA brings amino acids to the ribosome**
- (4) **A polypeptide chain is formed**

Answer: 3 → 2 → 1 → 4 (Option A)

Question 4

Match each layer of Earth's atmosphere to its characteristic:

1. **Troposphere** → B) Weather phenomena occur here
 2. **Mesosphere** → C) Coldest layer, meteors burn up here
 3. **Thermosphere** → D) Extremely thin air, auroras often visible
 4. **Exosphere** → A) Highest layer, gradually merging into space
-

Question 5

Arrange the organisms in a food chain from producer to top consumer:

- **Correct food chain:** Grass → Grasshopper → Snake → Hawk

Answer: Option A is correct.

Fill-in-the-Blank Questions

1. **In human digestion, the stomach produces hydrochloric acid** (or simply **acid**) that helps break down food.
2. A **generator** is a device that uses a magnetic field to generate electric current in a coil of wire.
3. **Resistance** is the measure of how hard it is for electric current to flow through a circuit.
4. When one tectonic plate dives beneath another, the process is known as **subduction**.
5. The **molecule** is the smallest unit of most compounds, formed by chemically bonded atoms.

Hotspot Questions

1. **On a diagram of a plant cell**, the **cell wall** is the rigid outer boundary surrounding the cell membrane.
 2. **On a world map**, the **Ring of Fire** encircles the Pacific Ocean, noted for frequent volcanic and seismic activity.
 3. **On a cross-section of a leaf**, the **palisade mesophyll** is the upper layer of cells rich in chloroplasts, where most photosynthesis happens.
 4. **On a solar system diagram**, **Venus** is the second planet from the Sun, orbiting between Mercury and Earth.
-

Short Answer Questions

1. **Explain how physical weathering differs from chemical weathering. Provide an example of each.**
 - **Answer (Sample):** Physical weathering involves breaking down rocks through processes like freezing and thawing or abrasion, without changing their chemical composition (e.g., rock cracks from water freezing in crevices). Chemical weathering changes the rock's mineral composition (e.g., acid rain dissolving limestone).
2. **Discuss how ozone in the stratosphere benefits life on Earth. Include how human activities affect ozone levels.**
 - **Answer (Sample):** Ozone in the stratosphere absorbs and blocks most of the Sun's harmful UV radiation, protecting organisms from DNA damage. Human activities that release chlorofluorocarbons (CFCs) and other ozone-depleting substances can thin the ozone layer, increasing UV exposure and related health risks.

SOCIAL STUDIES SECTION:

Multiple-Choice Questions

1. B
2. C
3. B
4. C
5. B
6. C
7. C

8. C
9. B
10. C
11. B
12. C
13. A
14. A

15. D
16. B
17. C
18. D
19. B
20. C

Drag-and-Drop Questions

Question 1

Match each U.S. Supreme Court case to its key ruling:

1. **Marbury v. Madison (1803) → B) Judicial review established**
2. **Dred Scott v. Sandford (1857) → D) Ruled that African Americans were not citizens (later overturned)**
3. **Miranda v. Arizona (1966) → A) Individuals must be informed of their rights upon arrest**
4. **Loving v. Virginia (1967) → C) Laws prohibiting interracial marriage are unconstitutional**

Question 2

Arrange these events in chronological order (earliest to latest):

- Missouri Compromise (1820)
- Homestead Act (1862)
- 13th Amendment Ratification (1865)
- Plessy v. Ferguson (1896)

Correct Order:

Option A: Missouri Compromise → Homestead Act → 13th Amendment → Plessy v. Ferguson

Question 3

Match each historical figure to their major role or achievement:

1. **Susan B. Anthony** → **B) Leading voice for women's suffrage**
 2. **Frederick Douglass** → **C) Abolitionist and orator**
 3. **Booker T. Washington** → **A) Advocated vocational education for African Americans**
 4. **Eleanor Roosevelt** → **D) Reimagined role of First Lady, championed human rights**
-

Question 4

Arrange these major U.S. historical eras from earliest to most recent:

- **Reconstruction Era** (1865–1877)
- **Gilded Age** (~1870s–1900)
- **Progressive Era** (~1890s–1920s)
- **Civil Rights Era** (1950s–1960s)

Correct Order:

B) Reconstruction → Gilded Age → Progressive Era → Civil Rights Era

Question 5

Match each economic concept to its definition:

1. **Scarcity** → **C) Limited resources vs. unlimited wants**
 2. **Opportunity Cost** → **D) Highest-valued alternative given up**
 3. **Inflation** → **B) General increase in prices**
 4. **GDP** → **A) Total value of goods and services produced**
-

Fill-in-the-Blank Questions

1. The **Reconstruction Era** (1867–1877) followed the Civil War, focusing on integrating formerly enslaved people into society.
 2. The **Bill of Rights** is another term for the first ten amendments to the U.S. Constitution.
 3. In economics, the term “**free market**” describes how prices and output are determined by supply and demand instead of central planning.
 4. The **Gilded Age** was an era of rapid industrialization and often stark wealth inequality (roughly 1870s–1900).
 5. The policy known as **Manifest Destiny** in the 1800s argued it was America's fate to expand across North America.
-

Drop-Down Questions

1. **Which document formally separated the colonies from Britain?**
Answer: Declaration of Independence

2. **The Supreme Court** is the [**Judicial**] branch that interprets U.S. laws.
Answer: Judicial
 3. The global conflict sparked by Archduke Franz Ferdinand’s assassination (1914) was [World War I].
Answer: World War I
 4. **Which amendment to the U.S. Constitution guarantees the right to bear arms?**
Answer: 2nd Amendment
-

Hotspot Questions

1. **On a map of the United States**, the **original 13 colonies** line the Atlantic Coast (New Hampshire down to Georgia).
 2. **On a timeline of the 20th century**, the start of the **Great Depression** is the year **1929**.
 3. **On a diagram of the three branches of government**, highlight the **Judicial Branch**, which **interprets** the law.
-

Extended Response (Short Essay)

Prompt

“The U.S. Constitution is often praised for its system of checks and balances, which distributes power among the legislative, executive, and judicial branches. Analyze how these checks and balances function in practice. Discuss the roles each branch plays, provide a real or historical example of one branch limiting the power of another, and explain why this design is considered essential for preserving democracy.”

Sample Essay Response

The United States Constitution establishes three branches of government—legislative, executive, and judicial—and provides each with distinct powers to prevent any single branch from dominating the others. This arrangement is commonly called “checks and balances.”

- **Legislative Branch (Congress):** Responsible for crafting laws, approving budgets, and declaring war. It can check the executive branch by overriding vetoes, approving or rejecting appointments, and even impeaching the president.
- **Executive Branch (President and administrative agencies):** Enforces and carries out laws. The president can veto congressional legislation and nominate judges to the Supreme Court, but executive actions can be reviewed by the judicial branch and constrained by Congress’s budgetary powers.
- **Judicial Branch (Supreme Court and lower courts):** Interprets the law and can strike down legislation or executive actions it deems unconstitutional (judicial review).

A notable example is the Supreme Court case of **United States v. Nixon (1974)**, where the Court ordered President Nixon to release Oval Office tapes during the Watergate scandal. This action limited the executive branch’s claim of “executive privilege,” illustrating how the judiciary can check presidential power.

By distributing governmental authority and empowering each branch to monitor the others, the Constitution fosters a balance that protects citizens' rights and maintains the rule of law. This design is crucial for **preserving democracy** because it ensures no single entity gains unchecked power, thereby upholding individual freedoms and the principle of government by consent.

EXAM 9:

RLA QUESTIONS:

Multiple choices answers

1. B
2. A
3. A
4. A
5. A
6. C
7. B
8. B
9. B
10. A
11. C
12. C
13. B
14. B
15. A

16. B
17. C
18. A
19. B
20. C
21. D
22. B
23. B
24. D
25. B
26. C
27. B
28. C
29. C
30. B

31. B
32. B
33. B
34. C
35. C
36. C
37. B
38. B
39. B
40. B
41. C
42. B
43. B
44. C
45. C

Drop-Down Questions

- Question:**
“The original blueprint required multiple revisions; _____, everything was finalized on schedule.”
Answer: B) *nonetheless*
 - Question:**
“By the end of next month, the committee _____ a final decision on the new policy.”
Answer: A) *will have reached*
 - Question:**
“What is the primary role of a conclusion in an essay?”
Answer: B) *To restate key points and finalize the argument*
 - Question:**
“None of the applicants remembered _____ credentials before the interview.”
(Traditional grammar rules suggest “his or her,” but modern usage often accepts “their” as gender-neutral.)
Answer: B) *his or her*
 - Question:**
“She studied diligently for the exam; _____, her scores improved significantly.”
Answer: B) *consequently*
-

Fill-in-the-Blank Questions

1. A concise statement that expresses the central argument of an essay is called a **thesis statement**.
 2. **Tone** refers to the author's attitude toward the subject, conveyed through style and wording.
 3. The narrative perspective from which a story is told is known as **point of view**.
 4. A word that modifies a noun or pronoun is called an **adjective**.
 5. When listing three or more items in a sentence, commas should be used to separate each **item**.
-

Extended Response (Essay)

Sample Essay

In the passage, the author presents a balanced argument about the rise of remote work, highlighting both its advantages and the concerns it raises. By framing remote work as a response to new technology and changing workplace norms, the author establishes the main focus: whether remote work is a truly sustainable model for future employment.

From an **evidence** standpoint, the author cites two primary benefits that resonate with readers: the flexibility it affords employees and the savings companies can achieve by reducing office-related expenses. By mentioning the global talent pool, the author emphasizes the practical reach of remote work, appealing to readers' sense of economic opportunity. These details lend credibility to the argument, as they are real-world examples that showcase how remote work can reshape industries and improve workers' quality of life.

Next, the author employs **reasoning** by addressing the drawbacks of remote work—namely social isolation, lack of in-person interaction, and the difficulty in maintaining strict work-life boundaries. By acknowledging the potential pitfalls, the author avoids a one-sided argument and demonstrates an understanding of the complexity behind the issue. This balanced reasoning strategy strengthens the text's persuasiveness, as it presents both sides before prompting the reader to consider which side holds more weight.

In terms of **stylistic elements**, the author's impartial tone helps maintain credibility. Rather than using emotionally charged language, the author uses a matter-of-fact approach to examine each claim. The passage also poses a rhetorical question—"Is remote work a sustainable model for the future?"—which invites readers to reflect on the evidence and form their own conclusions. This open-ended approach encourages critical thinking while subtly guiding the reader toward deeper consideration of the pros and cons.

In conclusion, the author effectively builds an argument about remote work by using real-world evidence, balanced reasoning, and a measured tone. By presenting both the positive outcomes and the potential challenges, the passage offers a comprehensive view that helps readers weigh the full impact of working remotely. This nuanced perspective underscores the complexity of the debate and exemplifies how thoughtful analysis can illuminate an evolving workplace phenomenon.

MATH QUESTIONS:

Multiple choice questions:

1. B
2. C
3. B
4. B
5. C
6. B
7. A
8. C
9. B

10. A
11. C
12. B
13. A
14. A
15. A
16. A
17. A
18. B

19. B
20. B
21. B
22. C
23. D
24. B
25. B

Drag-and-Drop Questions

1. Equation–Solution Matches

- $3x - 1 = 8 \Rightarrow x = 3 \Rightarrow$ (A)
- $2x + 6 = 16 \Rightarrow x = 5 \Rightarrow$ (B)
- $4x - 2 = 14 \Rightarrow x = 4 \Rightarrow$ (C)
- $x - 3 = 7 \Rightarrow x = 10 \Rightarrow$ (D)

2. Quadrilaterals–Characteristics

- Trapezoid \Rightarrow Exactly one pair of parallel sides
- Rectangle \Rightarrow Four right angles
- Rhombus \Rightarrow Four congruent sides
- Square \Rightarrow Four right angles and four congruent sides

3. Ascending Order of Rational Numbers (smallest \rightarrow largest)

- Given: $\frac{3}{4}$, 0.8, $\frac{2}{5}$, $\frac{1}{3}$
- Decimal Forms:
 - $\frac{3}{4} = 0.75$
 - $0.8 = 0.80$
 - $\frac{2}{5} = 0.40$
 - $\frac{1}{3} \approx 0.333\dots$
- Order: $\frac{1}{3} < \frac{2}{5} < \frac{3}{4} < 0.8$
- Using the letters from the prompt: **D, C, A, B**

4. Shapes–Volume Formulas

- Cone $\Rightarrow \frac{1}{3}\pi r^2 h$
- Triangular Prism $\Rightarrow \frac{1}{2} \cdot \text{base} \cdot \text{height} \times \text{length}$
- Cylinder $\Rightarrow \pi r^2 h$
- Sphere $\Rightarrow \frac{4}{3}\pi r^3$

5. Descending Order of Fractions (largest \rightarrow smallest)

- Given: $\frac{5}{6}$, $\frac{4}{9}$, $\frac{7}{8}$, $\frac{2}{7}$
 - Decimal Forms:
 - $\frac{7}{8} = 0.875$
 - $\frac{5}{6} \approx 0.8333\dots$
 - $\frac{4}{9} \approx 0.444\dots$
 - $\frac{2}{7} \approx 0.2857\dots$
 - Order: $\frac{7}{8} > \frac{5}{6} > \frac{4}{9} > \frac{2}{7}$
 - Using the letters from the prompt: **C, A, B, D**
-

Fill-in-the-Blank Questions

1. If $x = 4$, $6x + 3 = 6 \times 4 + 3 = \boxed{27}$.
 2. Slope through points $(2,1)$ and $(4,5) = \frac{5-1}{4-2} = \boxed{2}$.
 3. The product of 7 and 8 is $\boxed{56}$.
 4. Volume of a cube with edge 5: $5^3 = \boxed{125}$.
 5. A decimal that endlessly repeats a pattern (e.g., $0.565656\dots$) is called a $\boxed{\text{repeating}}$ decimal.
-

Hotspot Questions

1. $(x, y) = (-2, 3)$: The correct point is at -2 on the horizontal axis and 3 on the vertical axis.
 2. Number line from -4 to 4 for $\frac{5}{2}$: Click at 2.5 .
 3. On a circle diagram, the **radius** is the line segment from the center to the circle's circumference.
-

Short Answer Questions

1. **25% discount on a \$40 item:**
 - 25% of 40 = $0.25 \times 40 = \$10$
 - Final price = $40 - 10 = \mathbf{\$30}$
2. **Average speed** if a car travels 300 miles in 6 hours:
 - Speed = Distance \div Time = $300 \div 6 = \mathbf{50 \text{ mph}}$

SCIENCE QUESTIONS:

Multiple choice questions:

1. B
2. B
3. D
4. B
5. C
6. B
7. B
8. A
9. C
10. A
11. C
12. B
13. B
14. B

15. B
16. A
17. B
18. C
19. B
20. B
21. B
22. A
23. C
24. A
25. B
26. C
27. D
28. A

29. B
30. A
31. B
32. C
33. C
34. C
35. C
36. B
37. A
38. B
39. C
40. B

Drag-and-Drop Questions

Question 1

Match each type of chemical bond to its definition:

1. **Ionic Bond** → **B**) A bond formed by the transfer of electrons, creating positively and negatively charged ions
 2. **Covalent Bond** → **C**) A bond formed by sharing electron pairs between atoms
 3. **Hydrogen Bond** → **A**) A relatively weak attraction between a hydrogen atom in one molecule and an electronegative atom in another
 4. **Metallic Bond** → **D**) A bond where positively charged metal ions share a “sea” of free electrons
-

Question 2

Match each major body system with one of its primary functions:

1. **Skeletal System** → **B**) Provides support and protection for internal organs
 2. **Muscular System** → **D**) Enables movement and maintains posture
 3. **Circulatory System** → **A**) Carries oxygen and nutrients via blood to cells throughout the body
 4. **Nervous System** → **C**) Coordinates responses using electrical signals
-

Question 3

Arrange the following steps of the water cycle in the correct order (from first to last):

- Water evaporates from surfaces
- Water condenses into clouds
- Water falls as precipitation
- Water collects in bodies such as rivers and lakes

Correct Sequence: B) 2 → 1 → 3 → 4

Question 4

Match each “sphere” of Earth to its primary component:

1. **Lithosphere** → C) Outermost rigid layer of Earth (crust and upper mantle)
 2. **Hydrosphere** → A) Comprises Earth’s waters, including oceans, rivers, and lakes
 3. **Atmosphere** → D) The layer of gases surrounding Earth
 4. **Biosphere** → B) Includes all living organisms
-

Question 5

Arrange the following electromagnetic waves from the **longest** wavelength to the **shortest** wavelength:

- Radio Waves
- Infrared
- Visible Light
- Gamma Rays

Correct Sequence: A) Radio → Infrared → Visible → Gamma

Fill-in-the-Blank Questions

1. In an electric circuit, the amount of push or potential difference is measured in **volts** (V).
 2. The simplest whole-number ratio of atoms in a compound is called its **empirical** formula.
 3. A **catalyst** is a substance that speeds up a chemical reaction without being consumed in the process.
 4. When the solute concentration outside a cell is higher than inside, the surrounding solution is said to be **hypertonic**.
 5. The **Archimedes’** principle states that the buoyant force on an object immersed in a fluid is equal to the weight of the fluid displaced.
-

Hotspot Questions

1. **Female Reproductive System:** Select the **uterus**, typically located centrally in the pelvic region between the bladder (front) and rectum (back).
2. **Earth’s Cross-Section:** Highlight the **mantle**, which lies beneath the crust and above the outer core.

3. **Electromagnetic Spectrum:** Click the region labeled **Ultraviolet (UV)**, found between visible light and X-rays.
 4. **Plant Stem Cross Section:** Identify the **phloem** tissue, which is situated nearer the outer layer of the stem and transports sugars throughout the plant.
-

Short Answer Questions

1. **Describe two key differences between reflection and refraction of light, providing a clear example of each phenomenon.**
 - **Reflection:** Light bounces off a surface at the same angle it arrives (angle of incidence = angle of reflection). An example is seeing your image in a mirror.
 - **Refraction:** Light bends as it passes from one medium to another due to changes in its speed. An example is a straw appearing “bent” when placed in a glass of water.
2. **Explain how changes in atmospheric carbon dioxide levels can influence global climate patterns. Include one human activity that may alter these CO₂ levels.**
 - **Explanation:** CO₂ is a greenhouse gas that traps heat in Earth’s atmosphere. Higher CO₂ levels generally increase the greenhouse effect, leading to warmer global temperatures and shifting weather patterns. Lower CO₂ levels reduce heat retention, potentially causing cooling.
 - **Human Activity:** The burning of fossil fuels (such as coal, oil, and natural gas) releases significant amounts of CO₂ into the atmosphere, thereby altering its natural balance and affecting global climate.

SOCIAL STUDIES SECTION:

Multiple-Choice Questions

1. B
2. B
3. B
4. C
5. C
6. A
7. C

8. C
9. C
10. C
11. B
12. B
13. C
14. B

15. D
16. B
17. B
18. D
19. C
20. C

Drag-and-Drop Questions

Question 1

Match each U.S. Supreme Court case to its key ruling:

1. **Brown v. Board of Education (1954)** → **B**) Declared racial segregation in public schools unconstitutional
 2. **Roe v. Wade (1973)** → **D**) Protected a woman's right to privacy regarding abortion decisions
 3. **Gideon v. Wainwright (1963)** → **C**) Guaranteed the right to legal counsel for defendants unable to afford it
 4. **Citizens United v. FEC (2010)** → **A**) Political spending by corporations is protected as free speech
-

Question 2

Arrange these historical events in chronological order (earliest to latest):

1. Treaty of Paris ending the Revolutionary War (1783)
2. Louisiana Purchase (1803)
3. War of 1812 (1812–1815)
4. Emancipation Proclamation (1863)

The correct order is:

B) Treaty of Paris → Louisiana Purchase → War of 1812 → Emancipation Proclamation

Question 3

Match each U.S. historical figure to the role or achievement they are most famously associated with:

1. **George Washington** → **C**) Led the Continental Army and became the first U.S. President

2. **Harriet Tubman** → **D**) Key “conductor” on the Underground Railroad, helping enslaved people escape
 3. **Upton Sinclair** → **A**) Exposed unsanitary conditions in the meatpacking industry through *The Jungle*
 4. **César Chávez** → **B**) Organized migrant farmworkers and cofounded the National Farm Workers Association
-

Question 4

Arrange these major constitutional amendments in the order they were ratified (earliest → latest):

1. 15th Amendment (1870)
2. 19th Amendment (1920)
3. 24th Amendment (1964)
4. 26th Amendment (1971)

The correct order is:

B) 15th → 19th → 24th → 26th

Question 5

Match each political or economic concept to its definition:

1. **Monopoly** → **B**) A market structure where a single company controls an entire industry
 2. **Tariff** → **C**) A tax placed on imported or exported goods
 3. **Laissez-faire** → **D**) An economic philosophy advocating minimal government interference in markets
 4. **Embargo** → **A**) A restriction on trade that prevents goods from moving between countries
-

Fill-in-the-Blank Questions

1. The period of U.S. history known as **Prohibition** (1920–1933) saw a nationwide ban on the production, importation, and sale of alcoholic beverages.
 2. In the late 1700s, many Americans supported the idea of **popular** sovereignty, meaning government derives its power from the people.
 3. The doctrine of the **Monroe Doctrine** in the early 19th century argued against European interference in the Americas.
 4. The official counting of a country’s population, typically conducted every 10 years in the U.S., is called the **census**.
 5. **Martin Luther King Jr.** was an influential civil rights leader who delivered the famous “I Have a Dream” speech in 1963.
-

Drop-Down Questions

1. Which U.S. president famously declared the Monroe Doctrine in 1823?
Answer: A) James Monroe
 2. The U.S. Constitution established a government based on [Select One] powers, meaning certain responsibilities are left to the states while others are given to the federal government.
Answer: C) Delegated
 3. The term “Robber Barons” was used to describe [Select One] industrialists who used exploitative practices in the late 19th century.
Answer: B) Powerful
 4. The [Select One] was a reform movement focused on gaining voting rights for women in the United States.
Answer: B) Suffrage Movement
-

Hotspot Questions

1. On a map of North America, identify the **Louisiana Territory** purchased in 1803.
 2. On a 19th-century timeline, click the approximate start of the **California Gold Rush (1848)**.
 3. On a three-branch U.S. government chart, highlight the **Legislative Branch** (the Senate and House of Representatives).
-

Extended Response (Short Essay)

Westward expansion profoundly impacted the development of the United States by fueling economic growth, prompting the spread of American ideals, and driving political decisions that shaped the nation’s trajectory. One key example is the **Louisiana Purchase** of 1803, which doubled the country’s size and provided vast resources for agriculture and trade. Additionally, policies such as the **Homestead Act of 1862** encouraged settlers to move west by offering land at minimal cost, sparking a surge of migration.

However, these gains came with significant consequences. The drive to claim new territories led to **conflicts with foreign powers**, such as Britain during the **Oregon boundary dispute**, and with Mexico during the **Mexican–American War** (1846–1848), which ended in the United States acquiring present-day California and other southwestern regions. Far more devastating was the impact on **Indigenous peoples**, who were systematically displaced through policies like the **Indian Removal Act** (1830). This culminated in events such as the **Trail of Tears**, during which thousands of Native Americans were forced from their ancestral lands.

The pursuit of new territories also intensified the debate over **slavery** in newly admitted states, increasing tensions between North and South and eventually contributing to the outbreak of the **Civil War**. Overall, while westward expansion fostered economic opportunity and symbolized the nation’s belief in **Manifest Destiny**, it came at the expense of countless Indigenous communities and set the stage for both internal and external power struggles. This duality highlights how land acquisitions can simultaneously drive prosperity and societal conflict.

EXAM 10

RLA QUESTIONS:

Multiple choices answers

1. B
2. B
3. C
4. C
5. A
6. C
7. B
8. B
9. D
10. A
11. C
12. C
13. C
14. D
15. C

16. B
17. B
18. A
19. C
20. C
21. C
22. B
23. B
24. C
25. A
26. B
27. C
28. B
29. C
30. C

31. B
32. B
33. C
34. B
35. B
36. C
37. B
38. C
39. B
40. C
41. C
42. B
43. C
44. C
45. C

Drop-Down Questions

- Question:**
“We encountered numerous setbacks during the renovation; _____, we still finished the project on time.”
Answer: B) *nevertheless*
 - Question:**
“By this time next week, the committee _____ all the proposals before making a final choice.”
Answer: A) *will have reviewed*
 - Question:**
“What is the primary role of a thesis statement in an academic essay?”
Answer: B) *To summarize the main argument in one or two sentences*
 - Question:**
“Neither of the employees felt that _____ job was secure after the budget cuts.”
(Traditional grammar rules prefer “his or her,” but modern usage increasingly accepts “their” as gender-neutral.)
Answer: B) *his or her*
 - Question:**
“She double-checked every calculation; _____, no errors were found in her final report.”
Answer: B) *as a result*
-

Fill-in-the-Blank Questions

1. A single sentence that states the main argument of a research paper is known as the **thesis statement**.
 2. **Alliteration** refers to the repetition of initial consonant sounds in a line or phrase, often used in poetry or prose for emphasis.
 3. An **adverb** describes or modifies a verb, an adjective, or another adverb.
 4. In academic writing, failing to credit the source of an idea or information constitutes **plagiarism**, which must be avoided through proper citation.
 5. The **introduction** of an essay typically comes first, introducing the topic and capturing the reader's interest.
-

Extended Response (Essay)

In the passage, the author outlines the **potential benefits** of social media—chiefly, the capacity for instantaneous global communication and easy access to information. By citing examples of people staying in touch across long distances or building professional networks through social platforms, the author underscores the **convenience and connectivity** that technology provides. This emphasis is supported by **factual evidence**, such as statistics on the growing number of users worldwide, illustrating the broad appeal of social media.

At the same time, the author balances these positives with **significant drawbacks**. One of the most pressing concerns discussed is **privacy**, specifically how personal data can be exploited or shared without explicit user consent. Another point of focus is **mental health**, as the author references research linking excessive social media use with feelings of anxiety or depression. The mention of **echo chambers** further highlights the risk of **misinformation** spreading unchecked. By presenting both sides, the author maintains a **balanced tone**, neither glorifying nor condemning social media outright but rather portraying it as a complex tool that can have both beneficial and harmful effects.

In terms of **reasoning**, the author organizes the argument by first exploring the advantages—ease of global communication and community building—and then contrasting them with concerns over privacy, addictive use, and misinformation. This structure guides the reader logically from the platform's **capabilities** to the **consequences** of misuse. The stylistic choice of including short, real-world anecdotes makes the discussion more relatable, while references to reputable studies add **credibility** to the claims presented.

Overall, the author effectively builds a case that social media, while undeniably transformative, requires **thoughtful usage and possible regulation** to mitigate its pitfalls. The reader is left with a nuanced understanding of social media's dual nature, informed by both **evidence** and clear **reasoning**.

MATH QUESTIONS:

Multiple choice questions:

1. A
2. B
3. A
4. A
5. B
6. A
7. C
8. D
9. B

10. D
11. C
12. C
13. A
14. B
15. A
16. C
17. B
18. A

19. B
20. D
21. B
22. A
23. D
24. B
25. C

Drag-and-Drop Questions

Question 1

Match each linear equation to its correct solution:

1. $2x + 3 = 9 \rightarrow x = 3$ (A)
 2. $5x - 2 = 68 \rightarrow x = 14$ (B)
 3. $4x - 4 = 0 \rightarrow x = 1$ (C)
 4. $x + 5 = 12 \rightarrow x = 7$ (D)
-

Question 2

Quadrilaterals–Characteristics:

1. Parallelogram → B) Both pairs of opposite sides parallel
 2. Trapezoid → A) Exactly one pair of parallel sides
 3. Rhombus → C) Four congruent sides (angles not necessarily right angles)
 4. Square → D) Four right angles and four congruent sides
-

Question 3

Ascending Order of the Rational Numbers

Numbers:

- $\frac{2}{3} \approx 0.667$
- 0.75
- 0.6
- $\frac{5}{8} = 0.625$

From smallest to largest:

$$0.6 < 0.625 < 0.667 < 0.75$$

Using the letters from the prompt (A = $\frac{2}{3}$, B = 0.75, C = 0.6, D = $\frac{5}{8}$), the correct ascending sequence is:

C (0.6), D ($\frac{5}{8}$), A ($\frac{2}{3}$), B (0.75)

Question 4

Shapes–Volume Formulas:

1. Rectangular Prism → B) $V = l \times w \times h$
 2. Triangular Pyramid → C) $V = \frac{1}{3} \times (\text{base area}) \times h$
 3. Cylinder → A) $V = \pi r^2 h$
 4. Sphere → D) $V = \frac{4}{3} \pi r^3$
-

Question 5

Fractions from Largest to Smallest (Descending Order)

Fractions:

- $\frac{3}{4} = 0.75$
- $\frac{7}{9} \approx 0.777\dots$
- $\frac{2}{3} \approx 0.666\dots$
- $\frac{4}{5} = 0.8$

Largest to smallest:

$$\frac{4}{5} (0.8) > \frac{7}{9} (\sim 0.777\dots) > \frac{3}{4} (0.75) > \frac{2}{3} (0.666\dots)$$

Using the letters given (A = 3/4, B = 7/9, C = 2/3, D = 4/5), the **descending** sequence is:
D, B, A, C

Fill-in-the-Blank Questions

1. If $x = 2$, then $7x - 1 = 7(2) - 1 = \boxed{13}$.
 2. The slope through points (1,3) and (3,7) is $\frac{7-3}{3-1} = \frac{4}{2} = \boxed{2}$.
 3. The product of 9 and 4 is $\boxed{36}$.
 4. A cube with edge length 6 units has a volume of $6^3 = \boxed{216}$.
 5. A decimal that **ends** after a finite number of digits is called a terminating decimal.
-

Hotspot Questions

1. On a **coordinate plane**, select (3, -2).
2. On a **number line** from -3 to 3, click at $-\frac{1}{2}$.
3. On a **circle diagram** with labeled parts, highlight the **diameter**.

Short Answer Questions

1. **30% discount on a \$50 item:**
 - 30% of 50 = $0.30 \times 50 = \$15$ discount
 - Final price = $50 - 15 = \mathbf{\$35}$

2. **Average speed if a plane travels 600 miles in 2 hours:**

○ $\text{Speed} = \text{Distance} \div \text{Time} = 600 \div 2 = 300 \text{ mph}$

SCIENCE QUESTIONS: Multiple choice questions:

1. C
2. B
3. B
4. C
5. A
6. C
7. C
8. B
9. A
10. B
11. B
12. C
13. B
14. B

15. A
16. B
17. C
18. C
19. B
20. C
21. B
22. B
23. A
24. B
25. C
26. B
27. A
28. B

29. D
30. B
31. A
32. B
33. B
34. A
35. B
36. B
37. C
38. B
39. A
40. C

Drag-and-Drop Questions

Question 1

Match each state of matter to its defining characteristic:

1. Solid → C) Has both a definite shape and volume
 2. Liquid → A) Has a definite volume but takes the shape of its container
 3. Gas → D) Has no definite shape or volume
 4. Plasma → B) Ionized gas with free electrons and charged particles
-

Question 2

Match each type of galaxy to a brief description:

1. Spiral Galaxy → A) A disk shape with arms winding outward from a central bulge
 2. Elliptical Galaxy → D) Rounded in appearance with little gas or dust, often older star populations
 3. Barred Spiral Galaxy → C) A spiral galaxy featuring a distinct bar of stars across its center
 4. Irregular Galaxy → B) A large grouping of stars without a defined shape, often smaller than other types
-

Question 3

Arrange these steps of the carbon cycle in the correct order (from first to last):

1. Animals consume plants, releasing CO₂ through respiration
2. Plants absorb CO₂ during photosynthesis
3. Decomposers break down dead organisms, returning carbon to the soil
4. Fossil fuels are burned, emitting stored CO₂ into the atmosphere

Correct Sequence: A) 2 → 1 → 3 → 4

- (2) Plants absorb CO₂
 - (1) Animals consume plants, release CO₂
 - (3) Decomposers return carbon
 - (4) Fossil fuels burn, releasing more CO₂
-

Question 4

Match each human body organ to its primary function:

1. Pancreas → B) Produces insulin and enzymes for digestion
 2. Liver → D) Processes toxins and produces bile
 3. Kidneys → A) Filters waste and maintains fluid balance
 4. Skin → C) Acts as a protective barrier and helps regulate temperature
-

Question 5

Arrange the following celestial objects by size, from smallest to largest:

1. Galaxy
2. Asteroid
3. Planet
4. Star

Correct Sequence: B) Asteroid → Planet → Star → Galaxy

Fill-in-the-Blank Questions

1. The thin, flexible barrier around a cell that regulates what enters and leaves is called the **cell membrane**.
2. A **hypothesis** is a testable explanation for a set of observations or a possible answer to a scientific question.
3. When both alleles for a trait are expressed equally in the phenotype, it is known as **codominance**.
4. The **lithosphere** is the part of the Earth that includes the solid crust and upper mantle.
5. **Photosynthesis** is the process by which plants convert carbon dioxide and water into glucose and oxygen, using sunlight.

Hotspot Questions

1. On a diagram of Earth's layers, **click** the **outer core** (between the mantle and the inner core).
 2. On a cell diagram, **highlight** the **nucleus** containing DNA.
 3. On a food web diagram, **select** the **primary consumers** (animals that eat producers).
 4. On a brain cross-section, **identify** the **cerebellum** (coordinates movement and balance).
-

Short Answer Questions

1. **Explain why the process of protein folding is crucial for proper protein function, and provide one example of what can happen if a protein is misfolded.**
 - **Explanation:** Protein folding determines the three-dimensional structure of a protein, which is essential for its ability to bind to specific molecules and perform its biological function.
 - **Example of misfolding:** Conditions like Alzheimer's disease can occur when misfolded proteins (amyloid plaques) accumulate and disrupt normal cell function.
2. **Describe how the concept of half-life is used to date fossils and include one limitation of using radioactive isotopes in dating very old specimens.**
 - **Half-life usage:** Scientists measure the ratio of radioactive isotopes to their decay products in a sample. Knowing the half-life allows them to calculate the age of the fossil based on how much of the original isotope remains.
 - **Limitation:** Extremely old specimens may contain too little radioactive material for accurate measurement, or the isotopes may have decayed below detectable levels, making the dating process imprecise.

SOCIAL STUDIES SECTION:

Multiple choice questions

1. B
2. B
3. C
4. B
5. B
6. C
7. B
8. C
9. B
10. C
11. A
12. C
13. A
14. A
15. B
16. B
17. B
18. B
19. B
20. C

Drag-and-Drop Questions

Question 1

Match each influential historical document to its primary purpose or effect:

1. **Magna Carta (1215)** → **B**) Limited the power of the English monarch by establishing the principle of due process
 2. **English Bill of Rights (1689)** → **D**) Expanded Parliament's powers over the monarchy, influencing ideas of constitutional governance
 3. **Declaration of Independence (1776)** → **A**) Listed grievances against the British Crown and asserted American colonies' independence
 4. **Bill of Rights (1791, U.S.)** → **C**) Added the first ten amendments to the U.S. Constitution, guaranteeing individual liberties
-

Question 2

Major 20th-century events in chronological order:

1. World War I (1914–1918)
2. Great Depression (began 1929)
3. Korean War (1950–1953)
4. Fall of the Berlin Wall (1989)

Correct Sequence: **B) 1 → 2 → 3 → 4**

Question 3

Match each early U.S. President to a key accomplishment:

1. **Thomas Jefferson** → **B**) Oversaw the Louisiana Purchase, doubling the nation's size
 2. **James Madison** → **A**) Guided the United States through the War of 1812
 3. **James Monroe** → **D**) Established a doctrine warning European powers not to colonize the Western Hemisphere
 4. **John Adams** → **C**) Signed the Alien and Sedition Acts, a controversial limitation on speech
-

Question 4

Arrange these Civil Rights era milestones in chronological order (earliest → latest):

1. Montgomery Bus Boycott (1955–1956)
2. March on Washington (1963)

3. Civil Rights Act (1964)
4. Voting Rights Act (1965)

Correct Sequence: A) 1 → 3 → 2 → 4

Question 5

Match each economic term to its definition:

1. **Recession** → D) A period of economic decline characterized by reduced trade and rising unemployment
 2. **Inflation** → A) A sustained increase in the general price level of goods and services
 3. **Gross Domestic Product (GDP)** → C) The total value of all goods and services produced within a country
 4. **Deficit Spending** → B) Occurs when government expenditures exceed revenue in a given period
-

Fill-in-the-Blank Questions

1. The **Declaration** of Independence, drafted in 1776, formally announced the American colonies' separation from Britain.
 2. In U.S. government, a **bicameral** legislature is one divided into two separate chambers or houses.
 3. The U.S. Constitution includes a system of **checks** and balances to prevent any one branch of government from becoming too powerful.
 4. A region of the U.S. widely known for its agricultural output, especially grain production, is often called the "**Breadbasket.**"
 5. **Temperance** was the movement that sought to ban or limit alcoholic beverages, culminating in Prohibition in the early 20th century.
-

Drop-Down Questions

1. **Which economic system is characterized by [Select One] ownership of the means of production?**
Answer: A) *capitalism*
2. **A primary source (as opposed to a secondary source) is one that [Select One] an event.**
Answer: B) *directly witnesses*
3. **The term "Jim Crow laws" refers to [Select One] in the post-Reconstruction South.**
Answer: B) *racial segregation policies*
4. **The [Select One] officially ended the legal institution of slavery in the United States.**
Answer: B) *13th Amendment*

Hotspot Questions

1. **Map of the U.S.:** Identify **Louisiana**, originally part of the Louisiana Purchase.
2. **18th-century timeline:** Click approximately **1773** for the Boston Tea Party.
3. **Diagram of the U.S. Capitol:** Highlight the **Senate chamber** where each state's two senators convene.

Extended Response (Short Essay)

The Progressive Era emerged as a response to the social and political challenges brought about by the Gilded Age. Rapid industrialization had led to crowded cities, poor working conditions, and unchecked corporate power. Reformers such as **Upton Sinclair**, through his novel *The Jungle*, brought attention to unsanitary practices in the meatpacking industry, eventually paving the way for the **Meat Inspection Act** and the **Pure Food and Drug Act**. By highlighting these issues, Progressives enforced **worker protections** that mandated safer environments and guaranteed fair labor practices.

In terms of **public health**, local governments improved sanitation, passed housing regulations, and introduced clean water initiatives to combat the spread of disease. The Progressive focus on **government accountability** manifested in reforms like the **direct election of Senators** (17th Amendment) and the introduction of the **initiative, referendum, and recall** in several states, allowing citizens to have greater control over their legislative process.

Overall, Progressive reforms significantly influenced the fabric of American society by prioritizing consumer safety, championing workers' rights, and making government structures more democratic. While not all goals were fully realized and certain groups remained marginalized, the foundational changes set new standards for governmental responsibility and fairness in the workplace.