

# GED Full-Length Practice Test - Complete Simulation #2

DATE

## PERSONAL INFORMATION

FIRST NAME

LAST NAME

EMAIL

### 1 Consider two equations

$$\begin{aligned}2x &= 5 + Y \\3x + y &= 10\end{aligned}$$

Complete the following tables of values for these equations:

$$\begin{array}{l}2x = 5 + y \\x \quad 0 \quad 1 \quad 2 \\ \quad - \quad -\end{array}$$

$$\begin{array}{l}y \\ \quad 5 \quad 1\end{array}$$

$$\begin{array}{l}3x + y = 10 \\x \quad 0 \quad 2 \\y \quad 10 \quad 4 \quad -2\end{array}$$

1 point

### 2 After dinner, Mike has to take a medicine every 20 minutes. He takes the first one at 7:00 p.m. At what time does he take his fourth medicine?

1 point

(A) 8:00 p.m.

(B) 7:20 p.m.

(C) 7:40 p.m.

(D) 7:45 p.m.

### 3 If you flip a fair coin 100 times, how many tails would you expect to get?

1 point

(A) 70

(B) 90

(C) 50

(D) 30



11 Kaitlyn needs to ride her bike 48 miles to her cousin's house. She rides at an average rate of 15 miles per hour. She has 3 hours to get there. Kaitlyn

- will be early*
- will just make it*
- will be late*

1 point

12 Every correct answer on a standardized test is worth 1 points, but every incorrect answer is scored as 0.9 points. Blanks are scored as 0. There are 10 questions on the test. The difference between the highest and lowest possible scores on this test is

- more than*
- less than*
- equal to*

100 points

- (A) more than
- (B) less than
- (C) equal to

13 How long must a ladder be if it is 6 feet high on the wall of a building and the foot of the ladder is 4 feet from the building?

1 point

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

14 A cone is 6 inches deep and has a radius at the base of 8 inches. What is the volume of the cone?

1 point

- (A) 201.06 cubic inches
- (B) 402.12 square inches
- (C) 402.12 cubic inches
- (D) 100.53 cubic inches

15 Solve for  $x$ :  $3x - 7 = 8$

1 point

- (A) 7
- (B) 9
- (C) 5
- (D) 6

16 What is the correct way of writing "x is less than 5 but greater than or equal to -3"?

1 point

- (A)  $x - 5 \geq -3$
- (B)  $5 - x \geq -3$
- (C)  $-3 \leq x < 5$
- (D)  $-3 \geq X > 5$

17 A cyclist leaves home and travels at an average speed of 15 miles per hour. On average, how many miles per minute will the cyclist be traveling?

1 point

- (A) 0.75 miles per minute
- (B) 1 mile per minute
- (C) 0.5 miles per minute
- (D) 0.25 miles per minute

18 A runner leaves the starting line and travels at an average speed of 12 miles per hour. On average, how many miles per minute will the runner be traveling?

1 point

- (A) 0.3 miles per minute  
(B) 0.2 miles per minute  
(C) 0.4 miles per minute  
(D) 0.5 miles per minute

19 The formula to convert inches to centimeters is  $\text{cm} = \text{inches} * 2.54$ . What is cm if inches = 1?

1 point

- (A) 2.54  
(B) 0.393701  
(C) 1  
(D) 10

20 Lisa needs to ride her bike 15 miles to her cousin's house. She rides at an average rate of 5 miles per hour. She has 4 hours to get there. Can she make it on time?

1 point

- (A) No, she cannot make it on time.  
(B) She will be late by 2 hours.  
(C) Yes, she can make it on time.  
(D) She will be late by 1 hour.

21 Every correct answer on a standardized test is worth 4 points, but every incorrect answer is scored as -1.5 points. Blanks are scored as 0. There are 25 questions on the test. The difference between the highest and lowest possible scores on this test is

*{ more than  
less than  
equal to*

100 points

- (A) more than  
(B) less than  
(C) equal to

22 If  $x - 8(x + 1) = 2$ , what is x?

1 point

- (A) 6  
(B) -6  
(C) -5  
(D) 5

23 A rectangle has dimensions of 4 inches by  $2\frac{1}{2}$  inches.

Its perimeter is

1 point

- (A) 9 inches  
(B) 13 inches  
(C)  $6\frac{1}{2}$  inches  
(D)  $4\frac{1}{2}$  square inches

24 The table below shows the ages of incoming first-year students in a local college.

The following statements represent facts about the age of a student selected at random.

| Age (Years) | Number of students |
|-------------|--------------------|
| 18          | 200                |
| 19          | 100                |
| 20          | 160                |
| 22          | 120                |
| 24          | 70                 |
| 26          | 50                 |
| 28          | 10                 |
| 36          | 20                 |

I = The student is over 20 years of age.

II = The student is over 35 years of age.

III = The student is under 40 years of age.

IV = The student is in his or her 20s.

Fill in the number of students who don't fall into the I categories:

1 point

- (A) 460 (B) 320  
(C) 540 (D) 490

25 A rectangle has dimensions of 20 inches by 10 1/2 inches. Its perimeter is:

1 point

- (A) 60 inches (B) 59 inches  
(C) 62 inches (D) 61 inches

26 Which sentence contains a dangling modifier?

1 point

- (A) Walking on the beach, the waves crashed against the shore.  
(B) Sleeping soundly, the alarm clock woke me up.  
(C) Reading a book, the phone rang.  
(D) Talking on the phone, the doorbell rang.

27 Nobody believed \_\_\_\_\_ story about the alien encounter.

1 point

- (A) their (B) his  
(C) her (D) its

28 The book belongs to \_\_\_\_\_.

1 point

- (A) her (B) they  
(C) our (D) its

29 Which sentence correctly uses a colon?

1 point

- (A) He brought three things: a book, a pen, and a notebook.
- (B) She loves two things: reading; writing.
- (C) They need: to eat; to sleep.
- (D) He likes: running, swimming, and hiking.

30 The chef prepared the meal and then served it to the customers. What does the pronoun 'it' refer to?

1 point

- (A) Chef
- (B) Meal
- (C) Customers
- (D) Prepared

31 Which sentence correctly uses a semicolon?

1 point

- (A) I went to the store; to buy some milk.
- (B) The dog barked loudly; then ran away.
- (C) She likes to read books; she also enjoys watching movies.
- (D) He cooked dinner; for his family last night.

32 What is the direct object in the sentence: 'She painted her room purple.'?

1 point

33 Which of the following sentences is correctly parallel in structure?

1 point

- (A) He is good at painting, drawing, and to sculpt.
- (B) I like cooking, baking, and to gardening.
- (C) She enjoys hiking, biking, and to swim.
- (D) They prefer skiing, snowboarding, and to ice skate.

34 What is the direct object in the following sentence: 'She baked cookies for the party.'?

1 point

35 Select the sentence that correctly uses 'counsel' as a verb.

1 point

- (A) He gave her some good counsel.
- (B) The school counselor counseled the students.
- (C) She sought counsel from her lawyer.
- (D) The counsel met to discuss the issue.

36 The book belongs to \_\_\_\_.

1 point

- (A) your
- (B) his
- (C) her
- (D) its

37 Identify the prepositional phrase in the following sentence: She walked to the park with her friends.

1 point

- A She walked  
 B The park with  
 C With her friends  
 D To the park

38 Which sentence is grammatically correct? A. They was at the party last night. B. They were at the party last night. C. They is at the party last night. D. They be at the party last night.

1 point

- A They is at the party last night.  
 B They was at the party last night.  
 C They were at the party last night.  
 D They be at the party last night.

39 Which sentence correctly uses a hyphen?

1 point

- A She is a well-known artist.  
 B He is a well known artist.  
 C They are well-known artists.  
 D The well-known artist is here.

40 What is the main clause in the sentence: 'Although it was raining, we decided to go for a walk.'?

1 point

- A We decided to go for a walk  
 B We decided to go  
 C We decided  
 D Although it was raining

41 Please give the book to \_\_\_ when you are done reading it.

1 point

- A mine  
 B I  
 C me  
 D myself

42 Which sentence uses correct subject-verb agreement?

1 point

- A He sings beautifully.  
 B He singing beautifully.  
 C He sings beautiful.  
 D He sing beautifully.

43 What is the direct object in the sentence: 'He wrote a letter to his friend.'?

1 point

- A friend  
 B He  
 C letter  
 D wrote

44 The book, as well as the pen, \_\_\_\_\_ on the table.

1 point

- A are  
 B is  
 C were  
 D was

45 The book belongs to \_\_\_\_\_.

1 point

- A their  
 B his

Ⓒ my

Ⓓ her

**46 Identify the type of conjunction in the following sentence: Although it was raining, we decided to go for a walk.**

1 point

Ⓐ Correlative conjunction

Ⓑ Subordinating conjunction

Ⓒ Conjunctive adverb

Ⓓ Coordinating conjunction

**47 What is the coordinating conjunction in the sentence: 'I will go for a run, or I will go to the gym.'?**

1 point

**48 The data collected from the survey \_\_\_\_\_ inconclusive.**

1 point

Ⓐ are

Ⓑ is

Ⓒ have been

Ⓓ were

**49 Which sentence uses correct subject-verb agreement?**

1 point

Ⓐ The student study hard for exams.

Ⓑ The students studies hard for exams.

Ⓒ The students study hard for exams.

Ⓓ The student studies hard for exams.

**50 Which sentence uses correct punctuation?**

1 point

Ⓐ Sheila asked "How are you feeling today?

Ⓑ Sheila asked, "How are you feeling today?

Ⓒ Sheila asked, "How are you feeling today?

Ⓓ Sheila asked "How are you feeling today?

**51 Which colony was founded by the Calvert family as a haven for English Catholics?**

1 point

Ⓐ Georgia

Ⓑ Virginia

Ⓒ Maryland

Ⓓ Pennsylvania

**52 Which amendment ensures equal protection under the law?**

1 point

Ⓐ 15th Amendment

Ⓑ 14th Amendment

Ⓒ 13th Amendment

Ⓓ 18th Amendment

**53 Which amendment guarantees the right to a speedy and public trial?**

1 point

Ⓐ Fifth Amendment

Ⓑ Seventh Amendment

Ⓒ Eighth Amendment

Ⓓ Sixth Amendment

**54 Who was the primary author of the Bill of Rights?**

1 point

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

**55 Who was the first president of the United States?**

1 point

- (A) Thomas Jefferson
- (B) John Adams
- (C) Abraham Lincoln
- (D) George Washington

**56 Which Founding Father is known for his large signature on the Declaration of Independence?**

1 point

- (A) John Adams
- (B) Thomas Jefferson
- (C) Benjamin Franklin
- (D) John Hancock

**57 Which battle is considered the turning point of the American Civil War?**

1 point

- (A) Battle of Antietam
- (B) Battle of Shiloh
- (C) Battle of Bull Run
- (D) Battle of Gettysburg

**58 Which colony was originally founded as a debtor's refuge and a buffer against Spanish Florida?**

1 point

- (A) New Jersey
- (B) Delaware
- (C) South Carolina
- (D) Georgia

**59 Which amendment granted citizenship to all persons born or naturalized in the United States?**

1 point

- (A) 12th Amendment
- (B) 13th Amendment
- (C) 14th Amendment
- (D) 15th Amendment

**60 Which route was known for the trade of spices from India to Europe?**

1 point

- (A) Spice Route
- (B) Amber Road
- (C) Silk Road
- (D) Royal Road

**61 What is the purpose of zoning laws related to industrial zones?**

1 point

- (A) To promote residential housing
- (B) To prevent industrial activities
- (C) To designate areas for industrial development
- (D) To encourage tourism

**62 What landform is a large, flat area of land that is higher than the surrounding terrain?**

1 point

- (A) Valley
- (B) Plateau
- (C) Plain
- (D) Mountain

**63 Which of the following is a significant impact of mining activities?**

1 point

- (A) Increase in local wildlife population
- (B) Contamination of water sources
- (C) Reduction in soil erosion
- (D) Improvement in air quality

**64 Which factor is crucial in determining the location of industries in economic geography?**

1 point

- (A) Tourism potential
- (B) Access to raw materials
- (C) Historical landmarks
- (D) Climate

**65 Which religious figure is known for receiving the Ten Commandments?**

1 point

- (A) Abraham
- (B) Jesus
- (C) Muhammad
- (D) Moses

**66 Which biome experiences seasonal droughts and has a mix of trees and grasses?**

1 point

- (A) Savanna
- (B) Tundra
- (C) Rainforest
- (D) Desert

**67 What is the process called when a minority group gradually adopts the customs and attitudes of the prevailing culture?**

1 point

- (A) Acculturation
- (B) Cultural relativism
- (C) Integration
- (D) Segregation

**68 What is the role of competition in a market economy?**

1 point

- (A) To eliminate consumer choice
- (B) To increase government control
- (C) To reduce product quality
- (D) To drive innovation and efficiency

**69 What is a budget?**

1 point

- (A) A credit card
- (B) A type of investment
- (C) A loan for buying a house
- (D) A plan for spending and saving money

**70 Which country is known for its interventionist policies during the Cold War?**

1 point

- (A) New Zealand
- (B) Switzerland
- (C) Canada
- (D) United States

**71 What is a credit score used to measure?**

1 point

- (A) Your spending habits
- (B) Your creditworthiness
- (C) Your savings amount
- (D) Your income level

**72 Which country is known for having the highest number of multinational corporations?**

1 point

- (A) Germany
- (B) China
- (C) Japan
- (D) United States

**73 Which of the following is a common investment vehicle?**

1 point

- (A) Savings account
- (B) Mutual fund
- (C) Loan
- (D) Credit card

**74 What does the term 'BRICS' stand for in the context of emerging economies?**

1 point

- (A) Brazil, Russia, India, China, South Africa
- (B) Bangladesh, Rwanda, Indonesia, Chile, Sweden
- (C) Belgium, Romania, Italy, Canada, Spain
- (D) Bolivia, Russia, Ireland, Colombia, Singapore

**75 What is the purpose of an emergency fund?**

1 point

- (A) To cover unexpected expenses
- (B) To invest in stocks
- (C) To buy luxury items
- (D) To pay off debt

**76 Which form of federalism describes a system where the federal and state governments have distinct areas of responsibility?**

1 point

- (A) Fiscal federalism
- (B) Dual federalism
- (C) Cooperative federalism
- (D) Regulatory federalism

**77 Which Supreme Court case established the principle of judicial review?**

1 point

- (A) Dred Scott v. Sandford
- (B) Gibbons v. Ogden
- (C) Marbury v. Madison
- (D) McCulloch v. Maryland

**78 Which document outlines the structure of the federal government?**

1 point

- (A) The Bill of Rights
- (B) The Federalist Papers
- (C) The Constitution
- (D) The Declaration of Independence

**79 Who nominates justices to the Supreme Court?**

1 point

- (A) The President
- (B) The Senate
- (C) The House of Representatives
- (D) The Chief Justice

**80 Which branch of the federal government interprets laws?**

1 point

- (A) Judicial
- (B) Administrative
- (C) Executive
- (D) Legislative

**81 Who is the head of the executive branch of the federal government?**

1 point

- A The Chief Justice
- B The Speaker of the House
- C The President
- D The Vice President

**82 What is the primary characteristic of federalism?**

1 point

- A Division of powers between national and state governments
- B Centralized governance
- C Direct democracy
- D One-party rule

**83 Why is civic engagement important?**

1 point

- A It provides entertainment
- B It helps to build a stronger community
- C It increases personal wealth
- D It promotes individualism

**84 What is the symbol for the element gold?**

1 point

- A Ga
- B Gd
- C Ag
- D Au

**85 In a Carnot cycle, which two processes are isothermal?**

1 point

- A Expansion and Compression
- B Heating and Cooling
- C Expansion and Cooling
- D Compression and Heating

**86 What is the measure of the disorder or randomness in a system?**

1 point

- A Temperature
- B Internal Energy
- C Entropy
- D Enthalpy

**87 Which of the following is an example of a physical change?**

1 point

- A Cooking an egg
- B Melting ice
- C Rusting iron
- D Burning wood

**88 Which type of electromagnetic wave is used for broadcasting television signals?**

1 point

- A Radio waves
- B Gamma rays
- C X-rays
- D Visible light

**89 Which of the following factors does NOT typically affect the rate of a chemical reaction?**

1 point

- A Color of reactants
- B Concentration of reactants

Ⓒ Temperature

Ⓓ Presence of a catalyst

**90** What is the primary source of energy for the Earth's climate system?

1 point

Ⓐ Nuclear energy

Ⓑ Solar energy

Ⓒ Geothermal energy

Ⓓ Wind energy

**91** Which of the following is true when light travels from a denser to a rarer medium?

1 point

Ⓐ It bends towards the normal

Ⓑ It does not bend

Ⓒ It bends parallel to the normal

Ⓓ It bends away from the normal

**92** Which force is responsible for keeping planets in orbit around the sun?

1 point

Ⓐ Gravitational force

Ⓑ Electromagnetic force

Ⓒ Nuclear force

Ⓓ Frictional force

**93** What is the primary component of the bacterial cell wall in Gram-positive bacteria?

1 point

Ⓐ Teichoic acids

Ⓑ Peptidoglycan

Ⓒ Lipopolysaccharides

Ⓓ Phospholipids

**94** What is the role of hemoglobin in the blood?

1 point

Ⓐ Clotting blood

Ⓑ Fighting infections

Ⓒ Transporting oxygen

Ⓓ Regulating blood pressure

**95** Which organelle is involved in protein synthesis?

1 point

Ⓐ Nucleus

Ⓑ Ribosome

Ⓒ Mitochondria

Ⓓ Golgi apparatus

**96** What term describes organisms that feed on both plants and animals?

1 point

Ⓐ Carnivores

Ⓑ Decomposers

Ⓒ Herbivores

Ⓓ Omnivores

**97** Which type of selection favors the average individuals in a population and reduces variation?

1 point

Ⓐ Stabilizing selection

Ⓑ Balancing selection

Ⓒ Directional selection

Ⓓ Disruptive selection

**98** What is the shape of the DNA molecule?

1 point

Ⓐ Triple helix

Ⓑ Single strand

Ⓒ Double helix

Ⓓ Circular

**99** What is the role of ribosomes in bacterial cells?

1 point

- (A) Motility
- (B) Energy production
- (C) Protein synthesis
- (D) Cell division

**100** Which human activity is the leading cause of soil erosion?

1 point

- (A) Deforestation
- (B) Agriculture
- (C) Urban development
- (D) Mining

**101** What does PCR (Polymerase Chain Reaction) achieve?

1 point

- (A) Sequencing DNA
- (B) Amplifying DNA
- (C) Analyzing proteins
- (D) Editing genes

**102** What is the primary purpose of the Paris Agreement?

1 point

- (A) To increase fossil fuel use
- (B) To promote nuclear energy
- (C) To expand deforestation
- (D) To reduce greenhouse gas emissions

**103** Which severe weather event is characterized by a prolonged period of excessively high temperatures?

1 point

- (A) Flood
- (B) Blizzard
- (C) Hurricane
- (D) Heatwave

**104** Which scientist's work supported the idea of a spherical Earth through his laws of motion?

1 point

- (A) Stephen Hawking
- (B) Albert Einstein
- (C) Galileo Galilei
- (D) Isaac Newton

**105** What is the term for the effect where urban areas are warmer than their rural surroundings?

1 point

- (A) Urban Heat Island
- (B) Climate Change
- (C) Global Warming
- (D) Heat Wave

**106** Which scientist is most closely associated with the Big Bang Theory?

1 point

- (A) Georges Lemaître
- (B) Albert Einstein
- (C) Isaac Newton
- (D) Galileo Galilei

**107** What is the term for the Earth's slightly flattened poles?

1 point

- (A) Equatorial bulge
- (B) Earth's curvature
- (C) Polar flattening
- (D) Geoid shape

**108** Which space telescope was launched in 1990 to observe distant galaxies?

1 point

- A Kepler
- B Hubble
- C James Webb
- D Spitzer

**109** Which pollutant is most associated with the depletion of the ozone layer?

1 point

- A Carbon monoxide
- B Sulfur oxides
- C Chlorofluorocarbons (CFCs)
- D Lead

**110** Which planet has the fastest winds in the solar system?

1 point

- A Neptune
- B Jupiter
- C Earth
- D Saturn

# GED Full-Length Practice Test - Complete Simulation #2

DATE

## PERSONAL INFORMATION

FIRST NAME

LAST NAME

EMAIL

### 1 Consider two equations

$$\begin{aligned}2x &= 5 + y \\3x + y &= 10\end{aligned}$$

Complete the following tables of values for these equations:

$$\begin{array}{l}2x = 5 + y \\x \quad 0 \quad 1 \quad 2 \\ \quad \quad - \quad \quad -\end{array}$$

$$\begin{array}{l}y \\ \quad \quad 5 \quad \quad 1\end{array}$$

$$\begin{array}{l}3x + y = 10 \\x \quad 0 \quad 2 \\y \quad 10 \quad 4 \quad -2\end{array}$$

1 point

$$y = -3; x = 4.$$

### 2 After dinner, Mike has to take a medicine every 20 minutes. He takes the first one at 7:00 p.m. At what time does he take his fourth medicine?

1 point

Ⓐ 8:00 p.m.

Ⓑ 7:20 p.m.

Ⓒ 7:40 p.m.

Ⓓ 7:45 p.m.

### 3 If you flip a fair coin 100 times, how many tails would you expect to get?

1 point

Ⓐ 70

Ⓑ 90

Ⓒ 50

Ⓓ 30



11 Kaitlyn needs to ride her bike 48 miles to her cousin's house. She rides at an average rate of 15 miles per hour. She has 3 hours to get there. Kaitlyn

$\left\{ \begin{array}{l} \text{will be early} \\ \text{will just make it} \\ \text{will be late} \end{array} \right.$

1 point

Will be late

12 Every correct answer on a standardized test is worth 1 points, but every incorrect answer is scored as 0.9 points. Blanks are scored as 0. There are 10 questions on the test. The difference between the highest and lowest possible scores on this test is

$\left\{ \begin{array}{l} \text{more than} \\ \text{less than} \\ \text{equal to} \end{array} \right.$

100 points

- (A) more than  
 (C) equal to

(B) less than

13 How long must a ladder be if it is 6 feet high on the wall of a building and the foot of the ladder is 4 feet from the building?

1 point

- (A) 7 feet  
 (C) 8 feet

- (B) 10 feet  
 (D) 9 feet

14 A cone is 6 inches deep and has a radius at the base of 8 inches. What is the volume of the cone?

1 point

- (A) 201.06 cubic inches  
 (C) 402.12 cubic inches

- (B) 402.12 square inches  
 (D) 100.53 cubic inches

15 Solve for  $x$ :  $3x - 7 = 8$

1 point

- (C) 7  
 (C) 5

- (B) 9  
 (D) 6

16 What is the correct way of writing “ $x$  is less than 5 but greater than or equal to  $-3$ ”?

1 point

- (A)  $x - 5 \geq -3$   
 (C)  $-3 \leq x < 5$

- (B)  $5 - x \geq -3$   
 (D)  $-3 \geq X > 5$

17 A cyclist leaves home and travels at an average speed of 15 miles per hour. On average, how many miles per minute will the cyclist be traveling?

1 point

- (A) 0.75 miles per minute  
 (C) 0.5 miles per minute

- (B) 1 mile per minute  
 (D) 0.25 miles per minute

18 A runner leaves the starting line and travels at an average speed of 12 miles per hour. On average, how many miles per minute will the runner be traveling?

1 point

- 0.3 miles per minute  
 0.4 miles per minute  
 0.2 miles per minute  
 0.5 miles per minute

19 The formula to convert inches to centimeters is  $\text{cm} = \text{inches} * 2.54$ . What is cm if inches = 1?

1 point

- 2.54  
 1  
 0.393701  
 10

20 Lisa needs to ride her bike 15 miles to her cousin's house. She rides at an average rate of 5 miles per hour. She has 4 hours to get there. Can she make it on time?

1 point

- No, she cannot make it on time.  
 Yes, she can make it on time.  
 She will be late by 2 hours.  
 She will be late by 1 hour.

21 Every correct answer on a standardized test is worth 4 points, but every incorrect answer is scored as -1.5 points. Blanks are scored as 0. There are 25 questions on the test. The difference between the highest and lowest possible scores on this test is

*more than*  
*less than*  
*equal to*

100 points

- more than  
 equal to  
 less than

22 If  $x - 8(x + 1) = 2$ , what is x?

1 point

- 6  
 -5  
 -6  
 5

23 A rectangle has dimensions of 4 inches by  $2\frac{1}{2}$  inches.

Its perimeter is

1 point

- 9 inches  
 13 inches  
  $6\frac{1}{2}$  inches  
  $4\frac{1}{2}$  square inches



29 Which sentence correctly uses a colon?

1 point

- A He brought three things: a book, a pen, and a notebook.
- B She loves two things: reading; writing.
- C They need: to eat; to sleep.
- D He likes: running, swimming, and hiking.

30 The chef prepared the meal and then served it to the customers. What does the pronoun 'it' refer to?

1 point

- A Chef
- B Customers
- C Meal
- D Prepared

31 Which sentence correctly uses a semicolon?

1 point

- A I went to the store; to buy some milk.
- B The dog barked loudly; then ran away.
- C She likes to read books; she also enjoys watching movies.
- D He cooked dinner; for his family last night.

32 What is the direct object in the sentence: 'She painted her room purple.'?

1 point

room

33 Which of the following sentences is correctly parallel in structure?

1 point

- A He is good at painting, drawing, and to sculpt.
- B I like cooking, baking, and to gardening.
- C She enjoys hiking, biking, and to swim.
- D They prefer skiing, snowboarding, and to ice skate.

34 What is the direct object in the following sentence: 'She baked cookies for the party.'?

1 point

cookies

35 Select the sentence that correctly uses 'counsel' as a verb.

1 point

- A He gave her some good counsel.
- B The school counselor counseled the students.
- C She sought counsel from her lawyer.
- D The counsel met to discuss the issue.

36 The book belongs to \_\_\_\_.

1 point

- A your
- B his

Ⓒ her

Ⓓ its

**37 Identify the prepositional phrase in the following sentence: She walked to the park with her friends.**

1 point

Ⓐ She walked

Ⓑ The park with

Ⓒ With her friends

Ⓓ To the park

**38 Which sentence is grammatically correct? A. They was at the party last night. B. They were at the party last night. C. They is at the party last night. D. They be at the party last night.**

1 point

Ⓐ They is at the party last night.

Ⓑ They was at the party last night.

Ⓒ They were at the party last night.

Ⓓ They be at the party last night.

**39 Which sentence correctly uses a hyphen?**

1 point

Ⓐ She is a well-known artist.

Ⓑ He is a well known artist.

Ⓒ They are well-known artists.

Ⓓ The well-known artist is here.

**40 What is the main clause in the sentence: 'Although it was raining, we decided to go for a walk.'?**

1 point

Ⓐ We decided to go for a walk

Ⓑ We decided to go

Ⓒ We decided

Ⓓ Although it was raining

**41 Please give the book to \_\_\_ when you are done reading it.**

1 point

Ⓐ mine

Ⓑ I

Ⓒ me

Ⓓ myself

**42 Which sentence uses correct subject-verb agreement?**

1 point

Ⓐ He sings beautifully.

Ⓑ He singing beautifully.

Ⓒ He sings beautiful.

Ⓓ He sing beautifully.

**43 What is the direct object in the sentence: 'He wrote a letter to his friend.'?**

1 point

Ⓐ friend

Ⓑ He

Ⓒ letter

Ⓓ wrote

**44 The book, as well as the pen, \_\_\_\_\_ on the table.**

1 point

Ⓐ are

Ⓑ is

Ⓒ were

Ⓓ was

45 The book belongs to \_\_\_\_.

1 point

- their  his  
 my  her

46 Identify the type of conjunction in the following sentence: **Although it was raining, we decided to go for a walk.**

1 point

- Correlative conjunction  Subordinating conjunction  
 Conjunctive adverb  Coordinating conjunction

47 What is the coordinating conjunction in the sentence: **'I will go for a run, or I will go to the gym.'**?

1 point

or

48 The data collected from the survey \_\_\_\_\_ inconclusive.

1 point

- are  is  
 have been  were

49 Which sentence uses correct subject-verb agreement?

1 point

- The student study hard for exams.  The students studies hard for exams.  
 The students study hard for exams.  The student studies hard for exams.

50 Which sentence uses correct punctuation?

1 point

- Sheila asked "How are you feeling today?  
 Sheila asked, "How are you feeling today?  
 Sheila asked, "How are you feeling today?  
 Sheila asked "How are you feeling today?"

51 Which colony was founded by the Calvert family as a haven for English Catholics?

1 point

- Georgia  Virginia  
 Maryland  Pennsylvania

52 Which amendment ensures equal protection under the law?

1 point

- 15th Amendment  14th Amendment  
 13th Amendment  18th Amendment

53 Which amendment guarantees the right to a speedy and public trial?

1 point

- Fifth Amendment  Seventh Amendment  
 Eighth Amendment  Sixth Amendment

**54 Who was the primary author of the Bill of Rights?**

1 point

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

**55 Who was the first president of the United States?**

1 point

- (A) Thomas Jefferson  
 (B) Abraham Lincoln  
 (C) John Adams  
 (D) George Washington

**56 Which Founding Father is known for his large signature on the Declaration of Independence?**

1 point

- (A) John Adams  
 (B) Benjamin Franklin  
 (C) Thomas Jefferson  
 (D) John Hancock

**57 Which battle is considered the turning point of the American Civil War?**

1 point

- (A) Battle of Antietam  
 (B) Battle of Shiloh  
 (C) Battle of Bull Run  
 (D) Battle of Gettysburg

**58 Which colony was originally founded as a debtor's refuge and a buffer against Spanish Florida?**

1 point

- (A) New Jersey  
 (B) South Carolina  
 (C) Delaware  
 (D) Georgia

**59 Which amendment granted citizenship to all persons born or naturalized in the United States?**

1 point

- (A) 12th Amendment  
 (B) 14th Amendment  
 (C) 13th Amendment  
 (D) 15th Amendment

**60 Which route was known for the trade of spices from India to Europe?**

1 point

- (A) Spice Route  
 (B) Silk Road  
 (C) Amber Road  
 (D) Royal Road

**61 What is the purpose of zoning laws related to industrial zones?**

1 point

- (A) To promote residential housing  
 (B) To prevent industrial activities  
 (C) To designate areas for industrial development  
 (D) To encourage tourism

**62** What landform is a large, flat area of land that is higher than the surrounding terrain?

1 point

- A Valley  B Plateau  
 C Plain  D Mountain

**63** Which of the following is a significant impact of mining activities?

1 point

- A Increase in local wildlife population  
 B Contamination of water sources  
 C Reduction in soil erosion  
 D Improvement in air quality

**64** Which factor is crucial in determining the location of industries in economic geography?

1 point

- A Tourism potential  B Access to raw materials  
 C Historical landmarks  D Climate

**65** Which religious figure is known for receiving the Ten Commandments?

1 point

- A Abraham  B Jesus  
 C Muhammad  D Moses

**66** Which biome experiences seasonal droughts and has a mix of trees and grasses?

1 point

- A Savanna  B Tundra  
 C Rainforest  D Desert

**67** What is the process called when a minority group gradually adopts the customs and attitudes of the prevailing culture?

1 point

- A Acculturation  B Cultural relativism  
 C Integration  D Segregation

**68** What is the role of competition in a market economy?

1 point

- A To eliminate consumer choice  B To increase government control  
 C To reduce product quality  D To drive innovation and efficiency

**69** What is a budget?

1 point

- A A credit card  B A type of investment  
 C A loan for buying a house  D A plan for spending and saving money

**70** Which country is known for its interventionist policies during the Cold War?

1 point

- A New Zealand  B Switzerland  
 C Canada  D United States

**71** What is a credit score used to measure?

1 point

- A Your spending habits  B Your creditworthiness  
 C Your savings amount  D Your income level

**72** Which country is known for having the highest number of multinational corporations?

1 point

- A Germany  B China  
 C Japan  D United States

**73** Which of the following is a common investment vehicle?

1 point

- A Savings account  B Mutual fund  
 C Loan  D Credit card

**74** What does the term 'BRICS' stand for in the context of emerging economies?

1 point

- A Brazil, Russia, India, China, South Africa  
 B Bangladesh, Rwanda, Indonesia, Chile, Sweden  
 C Belgium, Romania, Italy, Canada, Spain  
 D Bolivia, Russia, Ireland, Colombia, Singapore

**75** What is the purpose of an emergency fund?

1 point

- A To cover unexpected expenses  B To invest in stocks  
 C To buy luxury items  D To pay off debt

**76** Which form of federalism describes a system where the federal and state governments have distinct areas of responsibility?

1 point

- A Fiscal federalism  B Dual federalism  
 C Cooperative federalism  D Regulatory federalism

**77** Which Supreme Court case established the principle of judicial review?

1 point

- A Dred Scott v. Sandford  B Gibbons v. Ogden  
 C Marbury v. Madison  D McCulloch v. Maryland

**78** Which document outlines the structure of the federal government?

1 point

- A The Bill of Rights  B The Federalist Papers  
 C The Constitution  D The Declaration of Independence

**79** Who nominates justices to the Supreme Court?

1 point

- A The President  B The Senate  
 C The House of Representatives  D The Chief Justice

80 Which branch of the federal government interprets laws?

1 point

- Judicial  Administrative  
 Executive  Legislative

81 Who is the head of the executive branch of the federal government?

1 point

- The Chief Justice  The Speaker of the House  
 The President  The Vice President

82 What is the primary characteristic of federalism?

1 point

- Division of powers between national and state governments  
 Centralized governance  
 Direct democracy  
 One-party rule

83 Why is civic engagement important?

1 point

- It provides entertainment  
 It helps to build a stronger community  
 It increases personal wealth  
 It promotes individualism

84 What is the symbol for the element gold?

1 point

- Ga  Gd  
 Ag  Au

85 In a Carnot cycle, which two processes are isothermal?

1 point

- Expansion and Compression  Heating and Cooling  
 Expansion and Cooling  Compression and Heating

86 What is the measure of the disorder or randomness in a system?

1 point

- Temperature  Internal Energy  
 Entropy  Enthalpy

87 Which of the following is an example of a physical change?

1 point

- Cooking an egg  Melting ice  
 Rusting iron  Burning wood

88 Which type of electromagnetic wave is used for broadcasting television signals?

1 point

- Radio waves  Gamma rays  
 X-rays  Visible light

**89 Which of the following factors does NOT typically affect the rate of a chemical reaction?**

1 point

- A Color of reactants  
 B Concentration of reactants  
 C Temperature  
 D Presence of a catalyst

**90 What is the primary source of energy for the Earth's climate system?**

1 point

- A Nuclear energy  
 B Solar energy  
 C Geothermal energy  
 D Wind energy

**91 Which of the following is true when light travels from a denser to a rarer medium?**

1 point

- A It bends towards the normal  
 B It does not bend  
 C It bends parallel to the normal  
 D It bends away from the normal

**92 Which force is responsible for keeping planets in orbit around the sun?**

1 point

- A Gravitational force  
 B Electromagnetic force  
 C Nuclear force  
 D Frictional force

**93 What is the primary component of the bacterial cell wall in Gram-positive bacteria?**

1 point

- A Teichoic acids  
 B Peptidoglycan  
 C Lipopolysaccharides  
 D Phospholipids

**94 What is the role of hemoglobin in the blood?**

1 point

- A Clotting blood  
 B Fighting infections  
 C Transporting oxygen  
 D Regulating blood pressure

**95 Which organelle is involved in protein synthesis?**

1 point

- A Nucleus  
 B Ribosome  
 C Mitochondria  
 D Golgi apparatus

**96 What term describes organisms that feed on both plants and animals?**

1 point

- A Carnivores  
 B Decomposers  
 C Herbivores  
 D Omnivores

**97 Which type of selection favors the average individuals in a population and reduces variation?**

1 point

- A Stabilizing selection  
 B Balancing selection  
 C Directional selection  
 D Disruptive selection

98 What is the shape of the DNA molecule?

1 point

- A Triple helix  B Single strand  
 C Double helix  D Circular

99 What is the role of ribosomes in bacterial cells?

1 point

- A Motility  B Energy production  
 C Protein synthesis  D Cell division

100 Which human activity is the leading cause of soil erosion?

1 point

- A Deforestation  B Agriculture  
 C Urban development  D Mining

101 What does PCR (Polymerase Chain Reaction) achieve?

1 point

- A Sequencing DNA  B Amplifying DNA  
 C Analyzing proteins  D Editing genes

102 What is the primary purpose of the Paris Agreement?

1 point

- A To increase fossil fuel use  B To promote nuclear energy  
 C To expand deforestation  D To reduce greenhouse gas emissions

103 Which severe weather event is characterized by a prolonged period of excessively high temperatures?

1 point

- A Flood  B Blizzard  
 C Hurricane  D Heatwave

104 Which scientist's work supported the idea of a spherical Earth through his laws of motion?

1 point

- A Stephen Hawking  B Albert Einstein  
 C Galileo Galilei  D Isaac Newton

105 What is the term for the effect where urban areas are warmer than their rural surroundings?

1 point

- A Urban Heat Island  B Climate Change  
 C Global Warming  D Heat Wave

106 Which scientist is most closely associated with the Big Bang Theory?

1 point

- A Georges Lemaître  B Albert Einstein  
 C Isaac Newton  D Galileo Galilei

**107** What is the term for the Earth's slightly flattened poles?

1 point

- A Equatorial bulge  
 B Polar flattening  
 C Earth's curvature  
 D Geoid shape

**108** Which space telescope was launched in 1990 to observe distant galaxies?

1 point

- A Kepler  
 B Hubble  
 C James Webb  
 D Spitzer

**109** Which pollutant is most associated with the depletion of the ozone layer?

1 point

- A Carbon monoxide  
 B Chlorofluorocarbons (CFCs)  
 C Sulfur oxides  
 D Lead

**110** Which planet has the fastest winds in the solar system?

1 point

- A Neptune  
 B Earth  
 C Jupiter  
 D Saturn