

GED Full-Length Practice Test - Complete Simulation #12

DATE

PERSONAL INFORMATION

FIRST NAME

LAST NAME

EMAIL

1 A cone is 11 inches deep and has a radius at the base of 7 inches. What is the volume of the cone?

1 point

- (A) 141.10 cubic inches (B) 282.19 cubic inches
 (C) 564.38 square inches (D) 564.38 cubic inches

2 If $x - 7(x + 3) = 2$, what is x ?

1 point

- (A) -5 (B) 4
 (C) 5 (D) -4

3 If you flip a fair coin 500 times, how many tails would you expect to get?

1 point

- (A) 250 (B) 300
 (C) 400 (D) 500

4 Factor the polynomial completely: $x^2 - 6x + 9$

1 point

- (A) $(x - 3)(x + 3)$ (B) $(x + 3)(x + 3)$
 (C) $(x - 3)(x - 3)$ (D) $(x - 9)(x + 1)$

5 If you flip a fair coin 2000 times, how many heads would you expect to get?

1 point

- (A) 800 (B) 2000
 (C) 1000 (D) 1200

6 A rectangle has dimensions of 12 inches by $6\frac{1}{2}$ inches. Its perimeter is:

1 point

- (A) 37 inches (B) 34 inches
 (C) 36 inches (D) 35 inches

7 After dinner, Maria has to take a supplement every 55 minutes. She takes the first one at 6:00 p.m. At what time does she take her third supplement?

1 point

- (A) 8:00 p.m. (B) 7:45 p.m.
 (C) 7:50 p.m. (D) 7:40 p.m.

8 Consider two equations $y = 8x + 5$ and $y = -7x + 4$. If these two equations were plotted on the same graph, they would meet at the point (x, y) . At that point, the slopes of the two lines would be

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- (A) Zero (B) Different from each other
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9 The decimal equivalent of 25%, to the nearest tenth, is [.....]

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- (A) 0.1 (B) 0.25
 (C) 0.3 (D) 0.2

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

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

11 How long must a ladder be if it is 25 feet high on the wall of a building and the foot of the ladder is 15 feet from the building?

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- (A) 30 feet (B) 27 feet
 (C) 28 feet (D) 29 feet

12 The fare is \$30.00 and the passenger tips the driver 25%. What is the total amount he pays?

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- (A) \$32.50 (B) \$37.50
 (C) \$40.00 (D) \$35.00

13 Simplify: $4(x + x^2 + 3x^2 - 6x)$

1 point

- (A) $-20x + 16x^2$ (B) $-8x^2$
 (C) $20x + 16x^2$ (D) $20x + 16x$

14 A store has a sale of 25% off the list price of everything. Mark buys a watch listed at \$200 and a wallet listed at \$50. If there is a 8% sales tax on the purchase, what is the total bill?

1 point

- (A) \$202.50 (B) \$210.60

Ⓒ \$207.00

Ⓓ \$195.50

15 Solve for x: $5x = 20$

1 point

Ⓐ 4

Ⓑ 2

Ⓒ 5

Ⓓ 3

16 What is the value of $6x - 3y^2$ when $x = 12$ and $y = -5$?

1 point

Ⓐ -3

Ⓑ 163

Ⓒ -57

Ⓓ 297

17 For the equation $y = x - 1$, what is the value of y when $x = 3$?

1 point

Ⓐ 3

Ⓑ 4

Ⓒ 1

Ⓓ 2

18 Mr. Gold pledges \$90 and Mr. Silver pledges to give as much as both of them plus another \$40. If the total pledge amount is \$370, how much did Mr. Silver pledge?

1 point

Ⓐ \$240

Ⓑ \$220

Ⓒ \$180

Ⓓ \$230

19 The decimal equivalent of 30%, to the nearest tenth, is [.....]

1 point

Ⓐ 0.25

Ⓑ 0.3

Ⓒ 0.2

Ⓓ 0.35

20 A rectangle has dimensions of 18 inches by $9\frac{1}{2}$ inches. Its perimeter is:

1 point

Ⓐ 53 inches

Ⓑ 57 inches

Ⓒ 55 inches

Ⓓ 54 inches

21 A cone is 9 inches deep and has a radius at the base of 12 inches. What is the volume of the cone?

1 point

Ⓐ 1357.17 square inches

Ⓑ 1357.17 cubic inches

Ⓒ 678.58 cubic inches

Ⓓ 339.29 cubic inches

22 Factor the polynomial completely: $x^2 - 16$

1 point

Ⓐ $(x + 4)(x + 4)$

Ⓑ $(x + 4)(x - 4)$

Ⓒ $(x + 8)(x - 2)$

Ⓓ $(x - 4)(x - 4)$

23 David needs to ride his bike 40 miles to his friend's house. He rides at an average rate of 8 miles per hour. He has 5 hours to get there. Can he make it on time?

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Ⓐ He will be late by 2 hours.

Ⓑ Yes, he can make it on time.

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Ⓑ He will be late by 1 hour.

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25 For the equation $y = x - 1$, what is the value of y when $x = 6$?

1 point

Ⓐ 7

Ⓑ 4

Ⓒ 5

Ⓓ 6

26 Sarah and ___ went to the store to buy groceries.

1 point

Ⓐ me

Ⓑ mine

Ⓒ I

Ⓓ myself

27 Which sentence contains a dangling modifier?

1 point

Ⓐ Cooking dinner, the timer went off.

Ⓑ Biking through the park, the trees were beautiful.

Ⓒ Singing loudly, the audience applauded.

Ⓓ Hiking in the mountains, the view was breathtaking.

28 Which sentence is grammatically correct? A. She have been studying for hours. B. She has been studying for hours. C. She had been studying for hours. D. She have being studying for hours.

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Ⓐ She have been studying for hours.

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Ⓐ Sheila asked "How are you feeling today?

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30 Choose the sentence that uses 'principal' correctly.

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Ⓐ He adhered to his principles.

Ⓑ She was the principle of the school.

Ⓒ The principal reason for the delay was traffic.

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31 Which sentence is grammatically correct? A. He don't like coffee. B. He doesn't likes coffee. C. He not like coffee. D. He doesn't like coffee.

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- A He doesn't likes coffee.
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32 Which sentence uses correct parallel structure?

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- A They were laughing, joking, and play games.
- B She is painting, writing, and to draw.
- C I like to read, cook, and watching movies.
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- B He is tall, dark, and has a great personality.
- C They are singing, dancing, and play the drums.
- D I enjoy cooking, eating, and to relaxing.

34 The gift is for ___ and Tom.

1 point

- A She
- B Hers
- C Herself
- D Her

35 In the sentence 'She bought flowers for her mother.', what is the direct object?

1 point

- A bought
- B mother
- C flowers
- D She

36 Which sentence uses correct subject-verb agreement?

1 point

- A He teach English at the university.
- B He teaches English at the universities.
- C He teaching English at the university.
- D He teaches English at the university.

37 Choose the sentence that correctly uses an ellipsis.

1 point

- A They wondered...what would happen next.
- B He thought about it...and decided to go.
- C She said she would...but she didn't.
- D I don't know...maybe tomorrow.

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

1 point

- A He is talented at singing, dancing, and to play instruments.
- B I prefer cooking, baking, and to knit scarves.
- C She enjoys reading, writing, and to draw.

- Ⓓ They are considering traveling, hiking, and to go camping.

39 Which sentence contains a dangling modifier?

1 point

- Ⓐ Driving in traffic, the radio played my favorite song.
Ⓑ Eating popcorn, the movie started.
Ⓒ Running in the park, the sun set.
Ⓓ Smiling happily, the news was received.

40 The teacher asked ____ to stay after class for extra help.

1 point

- Ⓐ Me
Ⓑ Mine
Ⓒ I
Ⓓ Myself

41 Which sentence contains a dangling modifier?

1 point

- Ⓐ Cooking dinner, the smoke alarm went off.
Ⓑ Playing the guitar, the song was familiar.
Ⓒ Singing in the shower, the hot water ran out.
Ⓓ Walking in the park, the flowers bloomed beautifully.

42 In the sentence 'He is tall and strong.', what is the coordinating conjunction?

1 point

43 Which sentence contains a dangling modifier?

1 point

- Ⓐ Laughing uncontrollably, the joke was hilarious.
Ⓑ Playing the piano, the dog barked loudly.
Ⓒ Riding a bike, the park was peaceful.
Ⓓ Skiing down the slope, the snow was fresh.

44 After finishing the race, John collapsed at the finish line. What does the pronoun 'he' refer to?

1 point

- Ⓐ Collapsed
Ⓑ John
Ⓒ Race
Ⓓ Finish line

45 The company announced that it would be launching a new product next month. What does the pronoun 'it' refer to?

1 point

- Ⓐ Product
Ⓑ Month
Ⓒ Company
Ⓓ Announced

46 Everybody loves _____ country.

1 point

- Ⓐ their
Ⓑ his
Ⓒ its
Ⓓ her

47 _____ was the one who fixed the computer.

1 point

- (A) His
- (B) Himself
- (C) Him
- (D) He

48 Identify the type of conjunction in the following sentence: **Either you study hard, or you will fail the exam.**

1 point

- (A) Subordinating conjunction
- (B) Conjunctive adverb
- (C) Correlative conjunction
- (D) Coordinating conjunction

49 In the sentence 'They painted the house blue.', what is the direct object?

1 point

- (A) blue
- (B) painted
- (C) They
- (D) house

50 Which sentence uses correct subject-verb agreement?

1 point

- (A) The birds chirps in the morning.
- (B) The birds chirp in the morning.
- (C) The bird chirps in the morning.
- (D) The bird chirp in the morning.

51 Which amendment prohibits denying the right to vote based on race, color, or previous condition of servitude?

1 point

- (A) 17th Amendment
- (B) 13th Amendment
- (C) 14th Amendment
- (D) 15th Amendment

52 Which amendment addresses the quartering of soldiers in private homes?

1 point

- (A) Fourth Amendment
- (B) Third Amendment
- (C) Second Amendment
- (D) First Amendment

53 Which colonial region was known for its religious tolerance and diverse population?

1 point

- (A) Middle Colonies
- (B) Southern Colonies
- (C) New England
- (D) Chesapeake Colonies

54 Which colony was the first permanent English settlement in America?

1 point

- (A) Jamestown
- (B) Plymouth
- (C) Roanoke
- (D) New York

55 What was the main economic activity in the Southern colonies?

1 point

- (A) Agriculture
- (B) Trading
- (C) Manufacturing
- (D) Fishing

56 Who is known as the 'Father of the Constitution'?

1 point

- A George Washington
- B James Madison
- C Alexander Hamilton
- D John Jay

57 Which colony was founded primarily for the purpose of trade and profit by the Dutch?

1 point

- A Massachusetts
- B New York
- C Virginia
- D Connecticut

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 was ratified first among the Reconstruction Amendments?

1 point

- A 15th Amendment
- B 14th Amendment
- C 16th Amendment
- D 13th Amendment

60 What is the primary driver behind the exploitation of natural resources?

1 point

- A Economic growth
- B Cultural heritage
- C Political stability
- D Technological advancements

61 What is the term for the phenomenon where individuals from different cultures come into continuous first-hand contact, resulting in changes in the original cultural patterns of either or both groups?

1 point

- A Cultural relativism
- B Cultural diffusion
- C Acculturation
- D Cultural assimilation

62 What does the 'E' represent in the Köppen climate classification?

1 point

- A Tropical
- B Polar
- C Arid
- D Temperate

63 Which climate type is characterized by cold winters and warm summers?

1 point

- A Temperate
- B Arid
- C Tropical
- D Polar

64 What term describes a flat-topped, elevated landform that rises sharply above the surrounding area?

1 point

- A Mesa
- B Hill

Ⓒ Plain

Ⓓ Valley

65 What is the study of the distribution of wealth and resources across different regions called?

1 point

- Ⓐ Political geography
- Ⓒ Economic geography

- Ⓑ Cultural geography
- Ⓓ Environmental geography

66 Which biome is characterized by dry conditions and extreme temperatures?

1 point

- Ⓐ Tundra
- Ⓒ Taiga

- Ⓑ Grassland
- Ⓓ Desert

67 What is the term for the spread of cultural beliefs and social activities from one group to another?

1 point

- Ⓐ Cultural diffusion
- Ⓒ Cultural appropriation

- Ⓑ Cultural assimilation
- Ⓓ Cultural isolation

68 Which of the following is NOT a stage in the buyer decision process?

1 point

- Ⓐ Product development
- Ⓒ Evaluation of alternatives

- Ⓑ Problem recognition
- Ⓓ Information search

69 What is the role of competition in a market economy?

1 point

- Ⓐ To eliminate consumer choice
- Ⓒ To reduce product quality

- Ⓑ To increase government control
- Ⓓ To drive innovation and efficiency

70 Which currency is the most traded in the world?

1 point

- Ⓐ Japanese Yen
- Ⓒ US Dollar

- Ⓑ British Pound
- Ⓓ Euro

71 What does the Housing Starts indicator measure?

1 point

- Ⓐ The total value of consumer goods sold
- Ⓑ The number of new residential construction projects started
- Ⓒ The unemployment rate
- Ⓓ The rate of inflation

72 Which economic indicator measures the total value of goods and services produced in a country?

1 point

- Ⓐ Consumer Price Index (CPI)
- Ⓒ Unemployment Rate

- Ⓑ Producer Price Index (PPI)
- Ⓓ Gross Domestic Product (GDP)

73 What is a common justification for interventionism?

1 point

- A To promote cultural exchange
- B To increase tourism
- C To protect national security
- D To improve sports performance

74 What is the primary purpose of a budget?

1 point

- A To increase income
- B To avoid taxes
- C To track expenses
- D To plan financial goals

75 Which of the following is an example of a social factor influencing consumer behaviour?

1 point

- A Family
- B Perception
- C Income
- D Occupation

76 Which of the following actions exemplifies civic engagement?

1 point

- A Participating in a local election campaign
- B Joining a book club
- C Taking a personal vacation
- D Watching a movie marathon

77 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

78 Which of the following is a benefit of civic engagement?

1 point

- A Higher consumption of media
- B Greater personal isolation
- C Increased personal leisure time
- D Improved community resources

79 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

80 Who nominates justices to the Supreme Court?

1 point

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

81 Which amendment reserves powers not delegated to the federal government to the states or the people?

1 point

- A Tenth Amendment
- B Twelfth Amendment
- C Ninth Amendment
- D Eleventh Amendment

82 Which amendment gave Congress the power to levy an income tax?

1 point

- A Twenty-sixth Amendment
- B Nineteenth Amendment
- C Sixteenth Amendment
- D Twenty-first Amendment

83 Which amendment addresses the rights of individuals in civil trials?

1 point

- A Seventh Amendment
- B Sixth Amendment
- C Fifth Amendment
- D Eighth Amendment

84 What is the term for a reaction where heat is absorbed from the surroundings?

1 point

- A Isothermal reaction
- B Endothermic reaction
- C Adiabatic reaction
- D Exothermic reaction

85 According to Newton's First Law, what must be true for an object to change its state of motion?

1 point

- A It must be moving in a circular path
- B It must have a constant velocity
- C It must be acted upon by an external force
- D It must be at rest

86 How does atmospheric diffraction affect the color of the sky during sunset?

1 point

- A It makes the sky red
- B It makes the sky blue
- C It makes the sky green
- D It makes the sky purple

87 Which of the following processes is a physical change?

1 point

- A Combustion
- B Evaporation
- C Oxidation
- D Decomposition

88 What is the symbol for the element gold?

1 point

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

89 If two objects of different masses are subjected to the same force, which one will have a greater acceleration?

1 point

- A Both will have the same acceleration
- B The object with smaller mass
- C The object with greater mass
- D The one with the greater volume

90 Which of the following is NOT a physical change?

1 point

- A Shredding paper
- B Cooking vegetables

Ⓒ Evaporation of alcohol

Ⓓ Sublimation of dry ice

91 Which color of light bends the most when passing through a prism?

1 point

Ⓐ Blue

Ⓑ Green

Ⓒ Violet

Ⓓ Red

92 During a chemical reaction in a closed container, if the mass of reactants is 100 grams, what should be the mass of the products?

1 point

Ⓐ 125 grams

Ⓑ 100 grams

Ⓒ 50 grams

Ⓓ 75 grams

93 Which process is primarily responsible for creating genetic variation during meiosis?

1 point

Ⓐ Transcription

Ⓑ Translation

Ⓒ Crossing over

Ⓓ Mutation

94 Which scientist is known as the father of genetics?

1 point

Ⓐ James Watson

Ⓑ Francis Crick

Ⓒ Charles Darwin

Ⓓ Gregor Mendel

95 What is the likelihood of a child inheriting a recessive trait if both parents are carriers?

1 point

Ⓐ 75%

Ⓑ 25%

Ⓒ 0%

Ⓓ 50%

96 Which of the following organisms is typically at the top of a food web?

1 point

Ⓐ Tertiary consumers

Ⓑ Primary consumers

Ⓒ Producers

Ⓓ Secondary consumers

97 Which of the following best describes a trophic level?

1 point

Ⓐ A type of ecosystem

Ⓑ A measure of biodiversity

Ⓒ A position in a food chain or food web

Ⓓ A group of organisms that share the same habitat

98 What is the main function of the bacterial cell wall?

1 point

Ⓐ Protein synthesis

Ⓑ Structural support and protection

Ⓒ DNA replication

Ⓓ Energy production

99 Where is DNA located in a cell?

1 point

Ⓐ Nucleus

Ⓑ Cell membrane

Ⓒ Cytoplasm

Ⓓ Mitochondria

100 What is the primary function of lysosomes in the cell?

1 point

Ⓐ Signal transduction

Ⓑ Protein synthesis

Ⓒ Waste degradation

Ⓓ Energy production

101 What is the role of enzymes in biotechnology?

1 point

Ⓐ Transporting goods

Ⓑ Catalyzing biochemical reactions

Ⓒ Building structures

Ⓓ Generating electricity

102 Which type of severe weather is typically characterized by a rotating column of air?

1 point

Ⓐ Flood

Ⓑ Blizzard

Ⓒ Tornado

Ⓓ Hurricane

103 Which telescope provided crucial evidence supporting the Big Bang Theory?

1 point

Ⓐ Kepler Space Telescope

Ⓑ Hubble Space Telescope

Ⓒ Spitzer Space Telescope

Ⓓ James Webb Space Telescope

104 What is the Coriolis effect?

1 point

Ⓐ A phenomenon that deflects moving air due to Earth's rotation

Ⓑ A force that causes wind to blow

Ⓒ A form of heat transfer

Ⓓ A type of atmospheric pressure

105 Which term describes a relationship where both species benefit?

1 point

Ⓐ Mutualism

Ⓑ Predation

Ⓒ Parasitism

Ⓓ Competition

106 Which winds are known for blowing from east to west near the equator?

1 point

Ⓐ Monsoon winds

Ⓑ Westerlies

Ⓒ Trade winds

Ⓓ Polar easterlies

107 Which layer of the Earth is composed mostly of iron and nickel?

1 point

Ⓐ Inner Core

Ⓑ Mantle

Ⓒ Crust

Ⓓ Outer Core

108 Which type of cloud is typically associated with thunderstorms?

1 point

Ⓐ Cirrus

Ⓑ Cumulonimbus

Ⓒ Stratus

Ⓓ Cumulus

109 Which severe weather event is characterized by heavy snow and strong winds?

1 point

- A Flood
- B Blizzard
- C Hurricane
- D Tornado

110 Which severe weather event is often associated with the formation of a funnel cloud?

1 point

- A Blizzard
- B Tornado
- C Hurricane
- D Flood

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1 point

- They wondered...what would happen next.
- He thought about it...and decided to go.
- She said she would...but she didn't.
- I don't know...maybe tomorrow.

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

1 point

- A He is talented at singing, dancing, and to play instruments.
- B I prefer cooking, baking, and to knit scarves.
- C She enjoys reading, writing, and to draw.
- D They are considering traveling, hiking, and to go camping.

39 Which sentence contains a dangling modifier?

1 point

- A Driving in traffic, the radio played my favorite song.
- B Eating popcorn, the movie started.
- C Running in the park, the sun set.
- D Smiling happily, the news was received.

40 The teacher asked ____ to stay after class for extra help.

1 point

- A Me
- B Mine
- C I
- D Myself

41 Which sentence contains a dangling modifier?

1 point

- A Cooking dinner, the smoke alarm went off.
- B Playing the guitar, the song was familiar.
- C Singing in the shower, the hot water ran out.
- D Walking in the park, the flowers bloomed beautifully.

42 In the sentence 'He is tall and strong.', what is the coordinating conjunction?

1 point

and

43 Which sentence contains a dangling modifier?

1 point

- A Laughing uncontrollably, the joke was hilarious.
- B Playing the piano, the dog barked loudly.
- C Riding a bike, the park was peaceful.
- D Skiing down the slope, the snow was fresh.

44 After finishing the race, John collapsed at the finish line. What does the pronoun 'he' refer to?

1 point

- A Collapsed
- B John
- C Race
- D Finish line

45 The company announced that it would be launching a new product next month. What does the pronoun 'it' refer to?

1 point

- A Product
- B Month
- C Company
- D Announced

46 Everybody loves _____ country.

1 point

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

47 _____ was the one who fixed the computer.

1 point

- (A) His
 (C) Him
- (B) Himself
 (D) He

48 Identify the type of conjunction in the following sentence: **Either you study hard, or you will fail the exam.**

1 point

- (A) Subordinating conjunction
 (C) Correlative conjunction
- (B) Conjunctive adverb
 (D) Coordinating conjunction

49 In the sentence 'They painted the house blue.', what is the direct object?

1 point

- (A) blue
 (C) They
- (B) painted
 (D) house

50 Which sentence uses correct subject-verb agreement?

1 point

- (A) The birds chirps in the morning.
 (C) The bird chirps in the morning.
- (B) The birds chirp in the morning.
 (D) The bird chirp in the morning.

51 Which amendment prohibits denying the right to vote based on race, color, or previous condition of servitude?

1 point

- (A) 17th Amendment
 (C) 14th Amendment
- (B) 13th Amendment
 (D) 15th Amendment

52 Which amendment addresses the quartering of soldiers in private homes?

1 point

- (A) Fourth Amendment
 (C) Second Amendment
- (B) Third Amendment
 (D) First Amendment

53 Which colonial region was known for its religious tolerance and diverse population?

1 point

- (C) Middle Colonies
 (D) New England
- (A) Southern Colonies
 (B) Chesapeake Colonies

54 Which colony was the first permanent English settlement in America?

1 point

- (C) Jamestown
 (D) Roanoke
- (A) Plymouth
 (B) New York

55 What was the main economic activity in the Southern colonies?

1 point

- Agriculture Trading
 Manufacturing Fishing

56 Who is known as the 'Father of the Constitution'?

1 point

- George Washington James Madison
 Alexander Hamilton John Jay

57 Which colony was founded primarily for the purpose of trade and profit by the Dutch?

1 point

- Massachusetts New York
 Virginia Connecticut

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

1 point

- New Jersey Delaware
 South Carolina Georgia

59 Which amendment was ratified first among the Reconstruction Amendments?

1 point

- 15th Amendment 14th Amendment
 16th Amendment 13th Amendment

60 What is the primary driver behind the exploitation of natural resources?

1 point

- Economic growth Cultural heritage
 Political stability Technological advancements

61 What is the term for the phenomenon where individuals from different cultures come into continuous first-hand contact, resulting in changes in the original cultural patterns of either or both groups?

1 point

- Cultural relativism Cultural diffusion
 Acculturation Cultural assimilation

62 What does the 'E' represent in the Köppen climate classification?

1 point

- Tropical Polar
 Arid Temperate

63 Which climate type is characterized by cold winters and warm summers?

1 point

- Temperate Arid
 Tropical Polar

64 What term describes a flat-topped, elevated landform that rises sharply above the surrounding area?

1 point

- A Mesa
 B Hill
 C Plain
 D Valley

65 What is the study of the distribution of wealth and resources across different regions called?

1 point

- A Political geography
 B Cultural geography
 C Economic geography
 D Environmental geography

66 Which biome is characterized by dry conditions and extreme temperatures?

1 point

- A Tundra
 B Grassland
 C Taiga
 D Desert

67 What is the term for the spread of cultural beliefs and social activities from one group to another?

1 point

- A Cultural diffusion
 B Cultural assimilation
 C Cultural appropriation
 D Cultural isolation

68 Which of the following is NOT a stage in the buyer decision process?

1 point

- A Product development
 B Problem recognition
 C Evaluation of alternatives
 D Information search

69 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

70 Which currency is the most traded in the world?

1 point

- A Japanese Yen
 B British Pound
 C US Dollar
 D Euro

71 What does the Housing Starts indicator measure?

1 point

- A The total value of consumer goods sold
 B The number of new residential construction projects started
 C The unemployment rate
 D The rate of inflation

72 Which economic indicator measures the total value of goods and services produced in a country?

1 point

- A Consumer Price Index (CPI) B Producer Price Index (PPI)
 C Unemployment Rate D Gross Domestic Product (GDP)

73 What is a common justification for interventionism?

1 point

- A To promote cultural exchange B To increase tourism
 C To protect national security D To improve sports performance

74 What is the primary purpose of a budget?

1 point

- A To increase income B To avoid taxes
 C To track expenses D To plan financial goals

75 Which of the following is an example of a social factor influencing consumer behaviour?

1 point

- A Family B Perception
 C Income D Occupation

76 Which of the following actions exemplifies civic engagement?

1 point

- A Participating in a local election campaign
 B Joining a book club
 C Taking a personal vacation
 D Watching a movie marathon

77 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

78 Which of the following is a benefit of civic engagement?

1 point

- A Higher consumption of media B Greater personal isolation
 C Increased personal leisure time D Improved community resources

79 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

80 Who nominates justices to the Supreme Court?

1 point

- A The President B The Senate

Ⓒ The House of Representatives

Ⓓ The Chief Justice

81 Which amendment reserves powers not delegated to the federal government to the states or the people?

1 point

A Tenth Amendment

B Twelfth Amendment

C Ninth Amendment

D Eleventh Amendment

82 Which amendment gave Congress the power to levy an income tax?

1 point

A Twenty-sixth Amendment

B Nineteenth Amendment

C Sixteenth Amendment

D Twenty-first Amendment

83 Which amendment addresses the rights of individuals in civil trials?

1 point

A Seventh Amendment

B Sixth Amendment

C Fifth Amendment

D Eighth Amendment

84 What is the term for a reaction where heat is absorbed from the surroundings?

1 point

A Isothermal reaction

C Endothermic reaction

C Adiabatic reaction

D Exothermic reaction

85 According to Newton's First Law, what must be true for an object to change its state of motion?

1 point

A It must be moving in a circular path

B It must have a constant velocity

C It must be acted upon by an external force

D It must be at rest

86 How does atmospheric diffraction affect the color of the sky during sunset?

1 point

A It makes the sky red

B It makes the sky blue

C It makes the sky green

D It makes the sky purple

87 Which of the following processes is a physical change?

1 point

A Combustion

C Evaporation

C Oxidation

D Decomposition

88 What is the symbol for the element gold?

1 point

A Ga

B Gd

C Ag

D Au

89 If two objects of different masses are subjected to the same force, which one will have a greater acceleration?

1 point

- A Both will have the same acceleration
 B The object with smaller mass
 C The object with greater mass
 D The one with the greater volume

90 Which of the following is NOT a physical change?

1 point

- A Shredding paper
 B Cooking vegetables
 C Evaporation of alcohol
 D Sublimation of dry ice

91 Which color of light bends the most when passing through a prism?

1 point

- A Blue
 B Green
 C Violet
 D Red

92 During a chemical reaction in a closed container, if the mass of reactants is 100 grams, what should be the mass of the products?

1 point

- A 125 grams
 B 100 grams
 C 50 grams
 D 75 grams

93 Which process is primarily responsible for creating genetic variation during meiosis?

1 point

- A Transcription
 B Translation
 C Crossing over
 D Mutation

94 Which scientist is known as the father of genetics?

1 point

- A James Watson
 B Francis Crick
 C Charles Darwin
 D Gregor Mendel

95 What is the likelihood of a child inheriting a recessive trait if both parents are carriers?

1 point

- A 75%
 B 25%
 C 0%
 D 50%

96 Which of the following organisms is typically at the top of a food web?

1 point

- A Tertiary consumers
 B Primary consumers
 C Producers
 D Secondary consumers

97 Which of the following best describes a trophic level?

1 point

- A A type of ecosystem
 B A measure of biodiversity
 C A position in a food chain or food web
 D A group of organisms that share the same habitat

98 What is the main function of the bacterial cell wall?

1 point

- (A) Protein synthesis
- (B) Structural support and protection
- (C) DNA replication
- (D) Energy production

99 Where is DNA located in a cell?

1 point

- (A) Nucleus
- (B) Cell membrane
- (C) Cytoplasm
- (D) Mitochondria

100 What is the primary function of lysosomes in the cell?

1 point

- (A) Signal transduction
- (B) Protein synthesis
- (C) Waste degradation
- (D) Energy production

101 What is the role of enzymes in biotechnology?

1 point

- (A) Transporting goods
- (B) Catalyzing biochemical reactions
- (C) Building structures
- (D) Generating electricity

102 Which type of severe weather is typically characterized by a rotating column of air?

1 point

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

103 Which telescope provided crucial evidence supporting the Big Bang Theory?

1 point

- (A) Kepler Space Telescope
- (B) Hubble Space Telescope
- (C) Spitzer Space Telescope
- (D) James Webb Space Telescope

104 What is the Coriolis effect?

1 point

- (A) A phenomenon that deflects moving air due to Earth's rotation
- (B) A force that causes wind to blow
- (C) A form of heat transfer
- (D) A type of atmospheric pressure

105 Which term describes a relationship where both species benefit?

1 point

- (A) Mutualism
- (B) Predation
- (C) Parasitism
- (D) Competition

106 Which winds are known for blowing from east to west near the equator?

1 point

- (A) Monsoon winds
- (B) Westerlies
- (C) Trade winds
- (D) Polar easterlies

107 Which layer of the Earth is composed mostly of iron and nickel?

1 point

- Inner Core
 Crust
 Mantle
 Outer Core

108 Which type of cloud is typically associated with thunderstorms?

1 point

- Cirrus
 Stratus
 Cumulonimbus
 Cumulus

109 Which severe weather event is characterized by heavy snow and strong winds?

1 point

- Flood
 Hurricane
 Blizzard
 Tornado

110 Which severe weather event is often associated with the formation of a funnel cloud?

1 point

- Blizzard
 Hurricane
 Tornado
 Flood