



5 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?

1 point

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

6 What is the value of  $x$  in the equation  $x + 7 = 14$ ?

1 point

- (A) 5 (B) 8  
(C) 7 (D) 6

7 Every correct answer on a standardized test is worth 3 points, but every incorrect answer is scored as - 3 points. Blanks are scored as 0. There are 16 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 (B) less than  
(C) equal to

8 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

- (A) \$240 (B) \$220  
(C) \$180 (D) \$230

9 How long must a ladder be if it is 10 feet high on the wall of a building and the foot of the ladder is 6 feet from the building?

1 point

- (A) 12 feet (B) 10 feet  
(C) 14 feet (D) 11 feet

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

Its area is

1 point

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

11 Consider two equations  $y = 9x + 3$  and  $y = -8x + 2$ . 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

1 point

- (A) Different from each other (B) Undefined

Ⓒ Zero

Ⓓ Equal to each other

- 12** Every correct answer on a standardized test is worth 6 points, but every incorrect answer is scored as  $-3$  points. Blanks are scored as 0. There are 15 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

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

100 points

- Ⓐ more than  
Ⓒ equal to

Ⓑ less than

- 14** How long must a ladder be if it is 15 feet high on the wall of a building and the foot of the ladder is 8 feet from the building?

1 point

- Ⓐ 21 feet  
Ⓒ 17 feet

- Ⓑ 5 feet  
Ⓓ 12 feet

- 15** A skateboarder leaves the park and travels at an average speed of 6 miles per hour. On average, how many miles per minute will the skateboarder be traveling?

1 point

- Ⓐ 0.1 miles per minute  
Ⓒ 0.4 miles per minute

- Ⓑ 0.3 miles per minute  
Ⓓ 0.2 miles per minute

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

1 point

- Ⓐ  $(x - 3)(x - 3)$   
Ⓒ  $(x + 2)(x + 7)$

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

- 17** Factor the polynomial completely:  $x^2 - 4x - 12$

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18 A rectangle has dimensions of 8 inches by  $2\frac{1}{2}$  inches. Its area is

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- (A) 20 square inches
- (B) 16 square inches
- (C) 18 square inches
- (D) 22 square inches

19 A cone is 10 inches deep and has a radius at the base of 4 inches. The formula for the volume of a right circular cone is  $V = \frac{1}{3} \pi r^2 h$ . What is the volume of the cone?

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- (A) 167.55 square inches
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20 A store has a sale of 10% off the list price of everything. Mike buys a tablet listed at \$300 and headphones listed at \$50. If there is a 7% sales tax on the purchase, what is the total bill?

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- (A) \$357.00
- (B) \$339.50
- (C) \$343.00
- (D) \$358.50

21 Emma needs to ride her bike 8 miles to her friend's house. She rides at an average rate of 4 miles per hour. She has 2 hours to get there. Can she make it on time?

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

22 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

23 After breakfast, Tom has to take a vitamin every 15 minutes. He takes the first one at 8:00 a.m. At what time does he take his fifth vitamin?

1 point

- (A) 8:45 a.m.
- (B) 8:15 a.m.
- (C) 9:00 a.m.
- (D) 8:30 a.m.

24 Consider two equations  $y = x + 5$  and  $y = -x + 3$ . 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

1 point

- (A) Undefined
- (B) Zero
- (C) Different from each other
- (D) Equal to each other

25 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

26 Identify the direct object in the sentence: 'He gave her a book.'

1 point

- (A) her (B) gave  
(C) book (D) He

27 Identify the direct object in the sentence: 'They cooked dinner for the family.'

1 point

- (A) dinner (B) cooked  
(C) family (D) They

28 Which of the following sentences is not parallel in structure?

1 point

- (A) The project involved researching, analyzing data, and presenting findings.  
(B) He likes to swim, run, and playing basketball.  
(C) They plan to travel, explore, and sightseeing.  
(D) She walked to the store, bought groceries, and returned home.

29 Each student must submit \_\_\_\_\_ project by Friday.

1 point

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

30 Everybody loves \_\_\_\_\_ country.

1 point

- A their  B his  
 C its  D her

31 \_\_\_\_\_ was the one who fixed the computer.

1 point

- A His  B Himself  
 C Him  D He

32 Correct the following sentence for parallel structure: 'The team must work together, communicate effectively, and problem solving.'

1 point

- A The team must work together, communicating effectively, and problem solving.  
 B The team must work together, to communicate effectively, and problem solve.  
 C The team must work together, communicate effectively, and problem solve.  
 D The team must work together, to communicate effectively, and problem solving.

33 Mary asked Sarah if she could borrow her car. What does the pronoun 'she' refer to?

1 point

- A Asked  B Sarah  
 C Car  D Mary

34 Which sentence is grammatically correct? A. The dog barked loudly all night. B. The dog barked loud all night. C. The dog barked loudly all nights. D. The dog barked loud all nights.

1 point

- A The dog barked loud all night.  B The dog barked loud all nights.  
 C The dog barked loudly all nights.  D The dog barked loudly all night.

35 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

36 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.

37 Identify the prepositional phrase in the following sentence: The cat sat on the mat.

1 point

- A On the mat  B The mat  
 C The cat  D Sat on

**38** 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.

**39** 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.

**40** 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.

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

1 point

- (A) are
- (B) is
- (C) were
- (D) was

**42** Which of the following sentences is not parallel in structure?

1 point

- (A) The chef prepared a delicious meal, served it, and left the kitchen.
- (B) She painted the walls, cleaned the floors, and organized the shelves.
- (C) They like to read, to write, and to playing games.
- (D) He enjoys swimming, biking, and to run.

**43** Which sentence correctly uses a semicolon?

1 point

- (A) He enjoys playing the guitar; and singing.
- (B) They went to the beach; to swim.
- (C) She bought a new dress; for the party tomorrow.
- (D) I need to study for my exam; so I can pass.

**44** Identify the prepositional phrase in the following sentence: The cat jumped off the bed.

1 point

- (A) The bed
- (B) Off the bed
- (C) The cat
- (D) Jumped off

**45** Identify the coordinating conjunction in the sentence: 'She likes to dance, yet she never takes lessons.'

1 point

- (A) to
- (B) dance

Ⓒ yet

Ⓓ likes

**46** Nobody has seen \_\_\_\_\_ since the meeting last week.

1 point

Ⓐ their

Ⓑ his

Ⓒ her

Ⓓ its

**47** Each of the students must present \_\_\_\_\_ work at the conference.

1 point

Ⓐ his

Ⓑ her

Ⓒ its

Ⓓ their

**48** My sister, along with her friends, \_\_\_\_\_ planning a surprise party for our parents.

1 point

Ⓐ are

Ⓑ was

Ⓒ were

Ⓓ is

**49** What is the coordinating conjunction in the following sentence: 'I wanted to go to the movies, but it was too late.'?

1 point

Ⓐ late

Ⓑ to

Ⓒ wanted

Ⓓ but

**50** Which sentence uses correct punctuation?

1 point

Ⓐ The cat that, was hiding under the bed, finally came out.

Ⓑ The cat, that was hiding under the bed, finally came out.

Ⓒ The cat that was hiding under the bed finally came out.

Ⓓ The cat that was hiding under the bed, finally came out.

**51** What is the collective name for the 13th, 14th, and 15th Amendments?

1 point

Ⓐ Reconstruction Amendments

Ⓑ Civil Rights Amendments

Ⓒ Bill of Rights

Ⓓ Progressive Amendments

**52** Which war between Britain and France in North America ended with the Treaty of Paris in 1763?

1 point

Ⓐ War of 1812

Ⓑ King Philip's War

Ⓒ American Revolution

Ⓓ French and Indian War

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

1 point

Ⓐ Battle of Antietam

Ⓑ Battle of Shiloh

Ⓒ Battle of Bull Run

Ⓓ Battle of Gettysburg

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

1 point

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

**55 Which amendment abolished slavery in the United States?**

1 point

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

**56 What was the significance of the Mayflower Compact?**

1 point

- A It was a social contract for self-governance
- B It declared independence from England
- C It established the first constitution in the colonies
- D It created an alliance with Native Americans

**57 Which amendment prohibits unreasonable searches and seizures?**

1 point

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

**58 Which year did Christopher Columbus first arrive in the Americas?**

1 point

- A 1500
- B 1607
- C 1776
- D 1492

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

1 point

- A Georgia
- B Virginia
- C Maryland
- D Pennsylvania

**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 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

**62 Which route was used for the trade of frankincense and myrrh?**

1 point

- A Amber Road
- B Royal Road
- C Silk Road
- D Incense Route

**63 Which term describes the economic benefits of a location due to its proximity to other businesses?**

1 point

- (A) Agglomeration
- (B) Isolation
- (C) Depression
- (D) Migration

**64 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

**65 Which of the following is a key concept in economic geography?**

1 point

- (A) Astronomical phenomena
- (B) Historical events
- (C) Supply and demand
- (D) Weather forecasting

**66 Which area is often studied in economic geography to understand economic disparities?**

1 point

- (A) Rural areas
- (B) Desert areas
- (C) Urban areas
- (D) Both urban and rural areas

**67 Which type of business is most likely to be found in an industrial zone?**

1 point

- (A) Clothing store
- (B) Farm
- (C) Factory
- (D) Restaurant

**68 Which economic system is most associated with capitalism?**

1 point

- (A) Traditional economy
- (B) Market economy
- (C) Mixed economy
- (D) Command economy

**69 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

**70 What is the primary purpose of the International Monetary Fund (IMF)?**

1 point

- (A) To provide loans to developing countries
- (B) To manage global oil supplies
- (C) To promote global monetary cooperation
- (D) To regulate international trade

**71** Fiscal policy involves changes in what?

1 point

- (A) Interest rates
- (B) Government spending and taxation
- (C) Trade tariffs
- (D) Money supply

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

1 point

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

**73** Which of the following is considered a fixed expense?

1 point

- (A) Utility bills
- (B) Entertainment
- (C) Groceries
- (D) Rent

**74** Which indicator measures the average earnings of workers in a country?

1 point

- (A) Producer Price Index (PPI)
- (B) Average Hourly Earnings
- (C) Consumer Price Index (CPI)
- (D) Gross Domestic Product (GDP)

**75** What is the main purpose of expansionary fiscal policy?

1 point

- (A) To balance the budget
- (B) To decrease inflation
- (C) To stimulate economic growth
- (D) To reduce government debt

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

1 point

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

**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** What is the term for powers shared by both the federal and state governments?

1 point

- (A) Reserved powers
- (B) Exclusive powers
- (C) Concurrent powers
- (D) Implied powers

**79** Which branch of government is responsible for making laws?

1 point

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

**80** Which amendment provides the right to keep and bear arms?

1 point

- (A) Second Amendment
- (B) First Amendment

Ⓒ Third Amendment

Ⓓ Fourth Amendment

**81 Who has the power to veto bills?**

1 point

Ⓐ The Senate

Ⓑ The President

Ⓒ The Supreme Court

Ⓓ The House of Representatives

**82 Which amendment protects citizens from unreasonable searches and seizures?**

1 point

Ⓐ Fourth Amendment

Ⓑ First Amendment

Ⓒ Second Amendment

Ⓓ Third Amendment

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

1 point

Ⓐ The Bill of Rights

Ⓑ The Federalist Papers

Ⓒ The Constitution

Ⓓ The Declaration of Independence

**84 Which particle is found in the nucleus of an atom and has no electric charge?**

1 point

Ⓐ Photon

Ⓑ Proton

Ⓒ Neutron

Ⓓ Electron

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

1 point

Ⓐ Ga

Ⓑ Gd

Ⓒ Ag

Ⓓ Au

**86 What happens to the molecules in a substance during a physical change?**

1 point

Ⓐ They form new chemical bonds

Ⓑ They break existing chemical bonds

Ⓒ They become ions

Ⓓ They rearrange without changing their chemical structure

**87 Which process converts solar energy directly into electrical energy?**

1 point

Ⓐ Photosynthesis

Ⓑ Combustion

Ⓒ Nuclear fusion

Ⓓ Photovoltaic effect

**88 What type of chemical reaction involves the combination of two or more substances to form a single product?**

1 point

Ⓐ Combustion reaction

Ⓑ Decomposition reaction

Ⓒ Single displacement reaction

Ⓓ Synthesis reaction

**89 Which type of reaction involves the exchange of ions between two compounds?**

1 point

Ⓐ Synthesis reaction

Ⓑ Double displacement reaction

Ⓒ Decomposition reaction

Ⓓ Single displacement reaction

**90 Which thermodynamic process occurs at constant pressure?**

1 point

Ⓐ Isochoric

Ⓑ Adiabatic

Ⓒ Isothermal

Ⓓ Isobaric

**91 Which property of a wave is measured in Hertz (Hz)?**

1 point

Ⓐ Speed

Ⓑ Frequency

Ⓒ Amplitude

Ⓓ Wavelength

**92 Which law states that energy cannot be created or destroyed, only transformed?**

1 point

Ⓐ Law of Conservation of Energy

Ⓑ Law of Conservation of Mass

Ⓒ Law of Universal Gravitation

Ⓓ Law of Thermodynamics

**93 What is a food web?**

1 point

Ⓐ A network of water channels

Ⓑ A single chain of organisms

Ⓒ A series of interconnected food chains

Ⓓ A linear sequence of organisms

**94 What is the name of Darwin's famous book on evolution?**

1 point

Ⓐ The Evolution of Life

Ⓑ The Descent of Man

Ⓒ The Principles of Biology

Ⓓ The Origin of Species

**95 What is the primary function of the small intestine?**

1 point

Ⓐ Absorbing nutrients

Ⓑ Producing bile

Ⓒ Storing glycogen

Ⓓ Filtering blood

**96 Which organelle is known as the powerhouse of the cell?**

1 point

Ⓐ Nucleus

Ⓑ Golgi apparatus

Ⓒ Mitochondria

Ⓓ Ribosome

**97 Which type of joint is found in the shoulder and hip, allowing for a wide range of movement?**

1 point

Ⓐ Saddle joint

Ⓑ Ball-and-socket joint

Ⓒ Hinge joint

Ⓓ Pivot joint

**98** What is the term for the process by which water vapor is released from plants into the atmosphere?

1 point

- A Condensation
- B Transpiration
- C Precipitation
- D Evaporation

**99** What is the main function of the large intestine?

1 point

- A Production of digestive enzymes
- B Secretion of bile
- C Absorption of nutrients
- D Absorption of water

**100** Who contributed to the cell theory by studying cell division?

1 point

- A Robert Hooke
- B Rudolf Virchow
- C Anton van Leeuwenhoek
- D Theodor Schwann

**101** Who stated that all animals are made of cells?

1 point

- A Theodor Schwann
- B Matthias Schleiden
- C Rudolf Virchow
- D Robert Hooke

**102** 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

**103** What occurs at a subduction zone?

1 point

- A Two plates move apart
- B One plate is forced below another
- C Two plates collide and form mountains
- D One plate slides past another

**104** What type of consumer is an animal that eats both plants and animals?

1 point

- A Omnivore
- B Herbivore
- C Decomposer
- D Carnivore

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

1 point

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

**106** Who was the first American astronaut to orbit the Earth?

1 point

- A Buzz Aldrin
- B Neil Armstrong
- C John Glenn
- D Alan Shepard

**107** Which planet is known for its prominent ring system?

---

1 point

- (A) Saturn
- (B) Uranus
- (C) Neptune
- (D) Jupiter

**108** How does the Earth's spherical shape affect its gravity?

---

1 point

- (A) Gravity is non-existent
- (B) Gravity is stronger at the equator
- (C) Gravity is weaker at the poles
- (D) Gravity is uniform everywhere

**109** What is the name of NASA's Mars rover that landed in 2021?

---

1 point

- (A) Perseverance
- (B) Spirit
- (C) Curiosity
- (D) Opportunity

**110** What happens to a star when it exhausts its hydrogen fuel?

---

1 point

- (A) It expands into a red giant
- (B) It becomes a black hole
- (C) It becomes a white dwarf
- (D) It becomes a neutron star





Ⓒ Zero

Ⓓ Equal to each other

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1 point

21 feet  
 17 feet

5 feet  
 12 feet

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1 point

0.1 miles per minute  
 0.4 miles per minute

0.3 miles per minute  
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- 16** Factor the polynomial completely:  $x^2 + 6x + 9$

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  $(x + 2)(x + 7)$

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1 point

- A 20 square inches  
 B 16 square inches  
 C 18 square inches  
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30 Everybody loves \_\_\_\_\_ country.

1 point

- A their  B his  
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34 Which sentence is grammatically correct? A. The dog barked loudly all night. B. The dog barked loud all night. C. The dog barked loudly all nights. D. The dog barked loud all nights.

1 point

- A The dog barked loud all night.  B The dog barked loud all nights.  
 C The dog barked loudly all nights.  D The dog barked loudly all night.

35 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

36 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.

37 Identify the prepositional phrase in the following sentence: The cat sat on the mat.

1 point

- A On the mat  B The mat  
 C The cat  D Sat on

38 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.

39 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.

40 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 were at the party last night.
- C They was at the party last night.
- D They be at the party last night.

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

1 point

- A are
- B is
- C were
- D was

42 Which of the following sentences is not parallel in structure?

1 point

- A The chef prepared a delicious meal, served it, and left the kitchen.
- B She painted the walls, cleaned the floors, and organized the shelves.
- C They like to read, to write, and to playing games.
- D He enjoys swimming, biking, and to run.

43 Which sentence correctly uses a semicolon?

1 point

- A He enjoys playing the guitar; and singing.
- B They went to the beach; to swim.
- C She bought a new dress; for the party tomorrow.
- D I need to study for my exam; so I can pass.

44 Identify the prepositional phrase in the following sentence: The cat jumped off the bed.

1 point

- A The bed
- B Off the bed
- C The cat
- D Jumped off

45 Identify the coordinating conjunction in the sentence: 'She likes to dance, yet she never takes lessons.'

1 point

- A to
- B dance

yet

likes

46 Nobody has seen \_\_\_\_\_ since the meeting last week.

1 point

their

his

her

its

47 Each of the students must present \_\_\_\_\_ work at the conference.

1 point

his

her

its

their

48 My sister, along with her friends, \_\_\_\_\_ planning a surprise party for our parents.

1 point

are

was

were

is

49 What is the coordinating conjunction in the following sentence: 'I wanted to go to the movies, but it was too late.'?

1 point

late

to

wanted

but

50 Which sentence uses correct punctuation?

1 point

The cat that, was hiding under the bed, finally came out.

The cat, that was hiding under the bed, finally came out.

The cat that was hiding under the bed finally came out.

The cat that was hiding under the bed, finally came out.

51 What is the collective name for the 13th, 14th, and 15th Amendments?

1 point

Reconstruction Amendments

Civil Rights Amendments

Bill of Rights

Progressive Amendments

52 Which war between Britain and France in North America ended with the Treaty of Paris in 1763?

1 point

War of 1812

King Philip's War

American Revolution

French and Indian War

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

1 point

Battle of Antietam

Battle of Shiloh

Battle of Bull Run

Battle of Gettysburg

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

1 point

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

55 Which amendment abolished slavery in the United States?

1 point

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

56 What was the significance of the Mayflower Compact?

1 point

- A It was a social contract for self-governance  
 B It declared independence from England  
 C It established the first constitution in the colonies  
 D It created an alliance with Native Americans

57 Which amendment prohibits unreasonable searches and seizures?

1 point

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

58 Which year did Christopher Columbus first arrive in the Americas?

1 point

- A 1500  B 1607  
 C 1776  D 1492

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

1 point

- A Georgia  B Virginia  
 C Maryland  D Pennsylvania

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 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

62 Which route was used for the trade of frankincense and myrrh?

1 point

- A Amber Road  B Royal Road  
 C Silk Road  D Incense Route

**63 Which term describes the economic benefits of a location due to its proximity to other businesses?**

1 point

- Agglomeration
- Isolation
- Depression
- Migration

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

1 point

- To promote residential housing
- To prevent industrial activities
- To designate areas for industrial development
- To encourage tourism

**65 Which of the following is a key concept in economic geography?**

1 point

- Astronomical phenomena
- Historical events
- Supply and demand
- Weather forecasting

**66 Which area is often studied in economic geography to understand economic disparities?**

1 point

- Rural areas
- Desert areas
- Urban areas
- Both urban and rural areas

**67 Which type of business is most likely to be found in an industrial zone?**

1 point

- Clothing store
- Farm
- Factory
- Restaurant

**68 Which economic system is most associated with capitalism?**

1 point

- Traditional economy
- Market economy
- Mixed economy
- Command economy

**69 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

**70 What is the primary purpose of the International Monetary Fund (IMF)?**

1 point

- To provide loans to developing countries
- To manage global oil supplies
- To promote global monetary cooperation
- To regulate international trade

**71** Fiscal policy involves changes in what?

1 point

- (A) Interest rates  
 (B) Government spending and taxation  
 (C) Trade tariffs  
 (D) Money supply

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

1 point

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

**73** Which of the following is considered a fixed expense?

1 point

- (A) Utility bills  
 (B) Entertainment  
 (C) Groceries  
 (D) Rent

**74** Which indicator measures the average earnings of workers in a country?

1 point

- (A) Producer Price Index (PPI)  
 (B) Average Hourly Earnings  
 (C) Consumer Price Index (CPI)  
 (D) Gross Domestic Product (GDP)

**75** What is the main purpose of expansionary fiscal policy?

1 point

- (A) To balance the budget  
 (B) To decrease inflation  
 (C) To stimulate economic growth  
 (D) To reduce government debt

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

1 point

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

**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** What is the term for powers shared by both the federal and state governments?

1 point

- (A) Reserved powers  
 (B) Exclusive powers  
 (C) Concurrent powers  
 (D) Implied powers

**79** Which branch of government is responsible for making laws?

1 point

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

**80** Which amendment provides the right to keep and bear arms?

1 point

- (A) Second Amendment  
 (B) First Amendment

C Third Amendment

D Fourth Amendment

**81 Who has the power to veto bills?**

1 point

A The Senate

B The President

C The Supreme Court

D The House of Representatives

**82 Which amendment protects citizens from unreasonable searches and seizures?**

1 point

A Fourth Amendment

B First Amendment

C Second Amendment

D Third Amendment

**83 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

**84 Which particle is found in the nucleus of an atom and has no electric charge?**

1 point

A Photon

B Proton

C Neutron

D Electron

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

1 point

A Ga

B Gd

C Ag

D Au

**86 What happens to the molecules in a substance during a physical change?**

1 point

A They form new chemical bonds

B They break existing chemical bonds

C They become ions

D They rearrange without changing their chemical structure

**87 Which process converts solar energy directly into electrical energy?**

1 point

A Photosynthesis

B Combustion

C Nuclear fusion

D Photovoltaic effect

**88 What type of chemical reaction involves the combination of two or more substances to form a single product?**

1 point

A Combustion reaction

B Decomposition reaction

C Single displacement reaction

D Synthesis reaction

**89 Which type of reaction involves the exchange of ions between two compounds?**

1 point

A Synthesis reaction

B Double displacement reaction

Ⓒ Decomposition reaction

Ⓓ Single displacement reaction

**90 Which thermodynamic process occurs at constant pressure?**

1 point

Ⓐ Isochoric

Ⓑ Adiabatic

Ⓒ Isothermal

Ⓓ Isobaric

**91 Which property of a wave is measured in Hertz (Hz)?**

1 point

Ⓐ Speed

Ⓑ Frequency

Ⓒ Amplitude

Ⓓ Wavelength

**92 Which law states that energy cannot be created or destroyed, only transformed?**

1 point

Ⓐ Law of Conservation of Energy

Ⓑ Law of Conservation of Mass

Ⓒ Law of Universal Gravitation

Ⓓ Law of Thermodynamics

**93 What is a food web?**

1 point

Ⓐ A network of water channels

Ⓑ A single chain of organisms

Ⓒ A series of interconnected food chains

Ⓓ A linear sequence of organisms

**94 What is the name of Darwin's famous book on evolution?**

1 point

Ⓐ The Evolution of Life

Ⓑ The Descent of Man

Ⓒ The Principles of Biology

Ⓓ The Origin of Species

**95 What is the primary function of the small intestine?**

1 point

Ⓐ Absorbing nutrients

Ⓑ Producing bile

Ⓒ Storing glycogen

Ⓓ Filtering blood

**96 Which organelle is known as the powerhouse of the cell?**

1 point

Ⓐ Nucleus

Ⓑ Golgi apparatus

Ⓒ Mitochondria

Ⓓ Ribosome

**97 Which type of joint is found in the shoulder and hip, allowing for a wide range of movement?**

1 point

Ⓐ Saddle joint

Ⓑ Ball-and-socket joint

Ⓒ Hinge joint

Ⓓ Pivot joint

98 What is the term for the process by which water vapor is released from plants into the atmosphere?

1 point

- A Condensation  B Transpiration  
 C Precipitation  D Evaporation

99 What is the main function of the large intestine?

1 point

- A Production of digestive enzymes  B Secretion of bile  
 C Absorption of nutrients  D Absorption of water

100 Who contributed to the cell theory by studying cell division?

1 point

- A Robert Hooke  B Rudolf Virchow  
 C Anton van Leeuwenhoek  D Theodor Schwann

101 Who stated that all animals are made of cells?

1 point

- A Theodor Schwann  B Matthias Schleiden  
 C Rudolf Virchow  D Robert Hooke

102 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

103 What occurs at a subduction zone?

1 point

- A Two plates move apart  
 B One plate is forced below another  
 C Two plates collide and form mountains  
 D One plate slides past another

104 What type of consumer is an animal that eats both plants and animals?

1 point

- A Omnivore  B Herbivore  
 C Decomposer  D Carnivore

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

1 point

- A Kepler  B Hubble  
 C James Webb  D Spitzer

106 Who was the first American astronaut to orbit the Earth?

1 point

- A Buzz Aldrin  B Neil Armstrong  
 C John Glenn  D Alan Shepard

**107** Which planet is known for its prominent ring system?

1 point

- Saturn
- Uranus
- Neptune
- Jupiter

**108** How does the Earth's spherical shape affect its gravity?

1 point

- Gravity is non-existent
- Gravity is stronger at the equator
- Gravity is weaker at the poles
- Gravity is uniform everywhere

**109** What is the name of NASA's Mars rover that landed in 2021?

1 point

- Perseverance
- Spirit
- Curiosity
- Opportunity

**110** What happens to a star when it exhausts its hydrogen fuel?

1 point

- It expands into a red giant
- It becomes a black hole
- It becomes a white dwarf
- It becomes a neutron star