

EXAMGURUX

HPPSC HPAS 2026 - General Studies Practice

1000 Original Practice MCQs with Answers & Explanations

Important: This is independent ExamGurux practice material. The questions are original and are **not official questions issued by the examining authority**. They are designed to align with the official/most recently available exam structure and syllabus areas. Always verify current notifications on the official website before the exam.

Official reference: Himachal Pradesh Public Service Commission official portal / latest HPAS scheme

Coverage note: General preliminary preparation bank. State-specific current affairs and exact paper scheme should be cross-checked with the current HPPSC notice.

Section	Questions
General Studies & Polity	500
Reasoning & Aptitude	250
Quantitative Aptitude	250

General Studies & Polity

Q1. The chemical symbol for sodium is

- (A) N
- (B) Na
- (C) S
- (D) So

Answer: B

Explanation: Na comes from the Latin name natrium.

Q2. The fundamental unit of life is

- (A) cell
- (B) organ
- (C) atom
- (D) tissue

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q3. The SI unit of force is

- (A) pascal
- (B) newton
- (C) joule
- (D) watt

Answer: B

Explanation: Force is measured in newtons (N).

Q4. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Bankim Chandra Chattopadhyay
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q5. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Chloroplast
- (C) Nucleus
- (D) Ribosome

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q6. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Nucleus
- (C) Chloroplast
- (D) Ribosome

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q7. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Red blood cells
- (C) White blood cells
- (D) Platelets

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q8. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Oxygen
- (C) Hydrogen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q9. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Plasma cells
- (C) Red blood cells
- (D) White blood cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q10. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Ribosome
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q11. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Plasma cells
- (C) Red blood cells
- (D) White blood cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q12. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q13. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q14. The chemical symbol for sodium is

- (A) Na
- (B) So
- (C) S
- (D) N

Answer: A

Explanation: Na comes from the Latin name natrium.

Q15. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 2 October 1950
- (C) 15 August 1947
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q16. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) Lok Sabha only
- (C) President and Lok Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q17. The SI unit of force is

- (A) pascal
- (B) watt
- (C) joule
- (D) newton

Answer: D

Explanation: Force is measured in newtons (N).

Q18. The currency of Japan is

- (A) Yuan
- (B) Dollar
- (C) Won
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q19. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^6 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q20. The SI unit of force is

- (A) pascal
- (B) joule
- (C) watt
- (D) newton

Answer: D

Explanation: Force is measured in newtons (N).

Q21. The longest river entirely within India is

- (A) Ganga
- (B) Godavari
- (C) Yamuna
- (D) Narmada

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q22. The fundamental unit of life is

- (A) tissue
- (B) organ
- (C) cell
- (D) atom

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q23. The currency of Japan is

- (A) Yuan
- (B) Yen
- (C) Won
- (D) Dollar

Answer: B

Explanation: Japan uses the yen.

Q24. The planet known as the Red Planet is

- (A) Mars
- (B) Mercury
- (C) Jupiter
- (D) Venus

Answer: A

Explanation: Mars appears reddish because of iron oxides on its surface.

Q25. The capital of India is

- (A) Kolkata
- (B) New Delhi
- (C) Mumbai
- (D) Chennai

Answer: B

Explanation: New Delhi is the capital of India.

Q26. The currency of Japan is

- (A) Yuan
- (B) Dollar
- (C) Yen
- (D) Won

Answer: C

Explanation: Japan uses the yen.

Q27. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Arctic Ocean
- (C) Indian Ocean
- (D) Atlantic Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q28. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Subramania Bharati
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q29. The Constitution of India came into force on

- (A) 26 January 1950
- (B) 15 August 1947
- (C) 2 October 1950
- (D) 26 November 1949

Answer: A

Explanation: It came into force on 26 January 1950.

Q30. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^5 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q31. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Oxygen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q32. The longest river entirely within India is

- (A) Yamuna
- (B) Godavari
- (C) Narmada
- (D) Ganga

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q33. The longest river entirely within India is

- (A) Ganga
- (B) Narmada
- (C) Yamuna
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q34. The planet known as the Red Planet is

- (A) Venus
- (B) Mercury
- (C) Jupiter
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q35. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Ribosome
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q36. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Sarojini Naidu
- (C) Rabindranath Tagore
- (D) Subramania Bharati

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q37. The SI unit of force is

- (A) newton
- (B) joule
- (C) watt
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q38. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^6 m/s
- (C) 3×10^5 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q39. The planet known as the Red Planet is

- (A) Mercury
- (B) Jupiter
- (C) Venus
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q40. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Mars
- (D) Venus

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q41. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q42. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 15 August 1947
- (C) 26 January 1950
- (D) 2 October 1950

Answer: C

Explanation: It came into force on 26 January 1950.

Q43. The longest river entirely within India is

- (A) Yamuna
- (B) Narmada
- (C) Ganga
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q44. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 January 1950
- (C) 26 November 1949
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q45. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Carbon dioxide
- (C) Oxygen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q46. The planet known as the Red Planet is

- (A) Mars
- (B) Venus
- (C) Mercury
- (D) Jupiter

Answer: A

Explanation: Mars appears reddish because of iron oxides on its surface.

Q47. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha only
- (D) Lok Sabha and Rajya Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q48. The currency of Japan is

- (A) Yuan
- (B) Won
- (C) Yen
- (D) Dollar

Answer: C

Explanation: Japan uses the yen.

Q49. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Ribosome
- (C) Chloroplast
- (D) Nucleus

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q50. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Pacific Ocean
- (C) Atlantic Ocean
- (D) Arctic Ocean

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q51. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^6 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q52. The capital of India is

- (A) New Delhi
- (B) Mumbai
- (C) Kolkata
- (D) Chennai

Answer: A

Explanation: New Delhi is the capital of India.

Q53. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Mitochondrion
- (C) Nucleus
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q54. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Red blood cells
- (C) Platelets
- (D) Plasma cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q55. The capital of India is

- (A) Chennai
- (B) New Delhi
- (C) Kolkata
- (D) Mumbai

Answer: B

Explanation: New Delhi is the capital of India.

Q56. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Rabindranath Tagore
- (C) Sarojini Naidu
- (D) Subramania Bharati

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q57. The currency of Japan is

- (A) Dollar
- (B) Won
- (C) Yen
- (D) Yuan

Answer: C

Explanation: Japan uses the yen.

Q58. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 January 1950
- (C) 26 November 1949
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q59. The planet known as the Red Planet is

- (A) Venus
- (B) Mercury
- (C) Mars
- (D) Jupiter

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q60. The chemical symbol for sodium is

- (A) Na
- (B) N
- (C) So
- (D) S

Answer: A

Explanation: Na comes from the Latin name natrium.

Q61. Which blood cells primarily carry oxygen?

- (A) Red blood cells
- (B) Platelets
- (C) Plasma cells
- (D) White blood cells

Answer: A

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q62. Which blood cells primarily carry oxygen?

- (A) Red blood cells
- (B) Platelets
- (C) Plasma cells
- (D) White blood cells

Answer: A

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q63. The currency of Japan is

- (A) Won
- (B) Dollar
- (C) Yuan
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q64. The fundamental unit of life is

- (A) atom
- (B) cell
- (C) organ
- (D) tissue

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q65. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Red blood cells
- (C) Platelets
- (D) Plasma cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q66. The longest river entirely within India is

- (A) Narmada
- (B) Ganga
- (C) Godavari
- (D) Yamuna

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q67. The capital of India is

- (A) Chennai
- (B) Kolkata
- (C) New Delhi
- (D) Mumbai

Answer: C

Explanation: New Delhi is the capital of India.

Q68. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) Lok Sabha only
- (D) President and Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q69. The capital of India is

- (A) Kolkata
- (B) Mumbai
- (C) New Delhi
- (D) Chennai

Answer: C

Explanation: New Delhi is the capital of India.

Q70. The SI unit of force is

- (A) pascal
- (B) joule
- (C) newton
- (D) watt

Answer: C

Explanation: Force is measured in newtons (N).

Q71. The Parliament of India consists of

- (A) Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) President and Lok Sabha only
- (D) Lok Sabha and Rajya Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q72. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q73. The chemical symbol for sodium is

- (A) So
- (B) Na
- (C) S
- (D) N

Answer: B

Explanation: Na comes from the Latin name natrium.

Q74. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Mitochondrion
- (C) Nucleus
- (D) Ribosome

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q75. The planet known as the Red Planet is

- (A) Venus
- (B) Mercury
- (C) Jupiter
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q76. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Carbon dioxide
- (C) Nitrogen
- (D) Oxygen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q77. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 15 August 1947
- (C) 26 January 1950
- (D) 26 November 1949

Answer: C

Explanation: It came into force on 26 January 1950.

Q78. The currency of Japan is

- (A) Yen
- (B) Dollar
- (C) Yuan
- (D) Won

Answer: A

Explanation: Japan uses the yen.

Q79. The Parliament of India consists of

- (A) Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q80. The chemical symbol for sodium is

- (A) So
- (B) S
- (C) N
- (D) Na

Answer: D

Explanation: Na comes from the Latin name natrium.

Q81. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q82. The Parliament of India consists of

- (A) Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) President and Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q83. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) White blood cells
- (C) Plasma cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q84. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 26 January 1950
- (C) 2 October 1950
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q85. The chemical symbol for sodium is

- (A) N
- (B) S
- (C) So
- (D) Na

Answer: D

Explanation: Na comes from the Latin name natrium.

Q86. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^6 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q87. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Indian Ocean
- (C) Atlantic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q88. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Pacific Ocean
- (C) Arctic Ocean
- (D) Atlantic Ocean

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q89. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q90. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Platelets
- (C) Red blood cells
- (D) Plasma cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q91. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Sarojini Naidu
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q92. The longest river entirely within India is

- (A) Narmada
- (B) Godavari
- (C) Ganga
- (D) Yamuna

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q93. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha only
- (D) President and Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q94. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Ribosome
- (C) Nucleus
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q95. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q96. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Nucleus
- (C) Ribosome
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q97. Which blood cells primarily carry oxygen?

- (A) Red blood cells
- (B) Plasma cells
- (C) White blood cells
- (D) Platelets

Answer: A

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q98. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) Lok Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) President and Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q99. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q100. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Pacific Ocean
- (C) Atlantic Ocean
- (D) Arctic Ocean

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q101. The capital of India is

- (A) New Delhi
- (B) Mumbai
- (C) Kolkata
- (D) Chennai

Answer: A

Explanation: New Delhi is the capital of India.

Q102. The longest river entirely within India is

- (A) Narmada
- (B) Ganga
- (C) Yamuna
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q103. The fundamental unit of life is

- (A) organ
- (B) tissue
- (C) cell
- (D) atom

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q104. The currency of Japan is

- (A) Yen
- (B) Won
- (C) Yuan
- (D) Dollar

Answer: A

Explanation: Japan uses the yen.

Q105. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^6 m/s
- (C) 3×10^5 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q106. The currency of Japan is

- (A) Yuan
- (B) Dollar
- (C) Won
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q107. The longest river entirely within India is

- (A) Narmada
- (B) Ganga
- (C) Godavari
- (D) Yamuna

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q108. The fundamental unit of life is

- (A) tissue
- (B) organ
- (C) cell
- (D) atom

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q109. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q110. The planet known as the Red Planet is

- (A) Venus
- (B) Jupiter
- (C) Mars
- (D) Mercury

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q111. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) tissue
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q112. The planet known as the Red Planet is

- (A) Venus
- (B) Jupiter
- (C) Mars
- (D) Mercury

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q113. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 2 October 1950

Answer: C

Explanation: It came into force on 26 January 1950.

Q114. The longest river entirely within India is

- (A) Godavari
- (B) Ganga
- (C) Yamuna
- (D) Narmada

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q115. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mars
- (C) Venus
- (D) Mercury

Answer: B

Explanation: Mars appears reddish because of iron oxides on its surface.

Q116. The chemical symbol for sodium is

- (A) So
- (B) Na
- (C) N
- (D) S

Answer: B

Explanation: Na comes from the Latin name natrium.

Q117. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 15 August 1947
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q118. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q119. The capital of India is

- (A) Chennai
- (B) Mumbai
- (C) Kolkata
- (D) New Delhi

Answer: D

Explanation: New Delhi is the capital of India.

Q120. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Platelets
- (C) Plasma cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q121. The capital of India is

- (A) Chennai
- (B) New Delhi
- (C) Kolkata
- (D) Mumbai

Answer: B

Explanation: New Delhi is the capital of India.

Q122. The chemical symbol for sodium is

- (A) Na
- (B) N
- (C) S
- (D) So

Answer: A

Explanation: Na comes from the Latin name natrium.

Q123. The currency of Japan is

- (A) Dollar
- (B) Yen
- (C) Yuan
- (D) Won

Answer: B

Explanation: Japan uses the yen.

Q124. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Indian Ocean
- (C) Arctic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q125. The SI unit of force is

- (A) newton
- (B) joule
- (C) pascal
- (D) watt

Answer: A

Explanation: Force is measured in newtons (N).

Q126. The chemical symbol for sodium is

- (A) S
- (B) N
- (C) So
- (D) Na

Answer: D

Explanation: Na comes from the Latin name natrium.

Q127. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Atlantic Ocean
- (C) Pacific Ocean
- (D) Arctic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q128. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Atlantic Ocean
- (C) Arctic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q129. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Oxygen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q130. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Mitochondrion
- (C) Ribosome
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q131. The SI unit of force is

- (A) newton
- (B) joule
- (C) pascal
- (D) watt

Answer: A

Explanation: Force is measured in newtons (N).

Q132. The fundamental unit of life is

- (A) atom
- (B) tissue
- (C) cell
- (D) organ

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q133. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Ribosome
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q134. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Sarojini Naidu
- (C) Subramania Bharati
- (D) Rabindranath Tagore

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q135. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Nitrogen
- (D) Oxygen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q136. The longest river entirely within India is

- (A) Yamuna
- (B) Ganga
- (C) Narmada
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q137. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Plasma cells
- (C) Red blood cells
- (D) White blood cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q138. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q139. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^8 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^6 m/s

Answer: B

Explanation: The accepted approximate value is 3×10^8 m/s.

Q140. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Sarojini Naidu
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q141. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Atlantic Ocean
- (C) Pacific Ocean
- (D) Arctic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q142. The longest river entirely within India is

- (A) Godavari
- (B) Ganga
- (C) Yamuna
- (D) Narmada

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q143. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Arctic Ocean
- (C) Pacific Ocean
- (D) Atlantic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q144. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) President and Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q145. The Parliament of India consists of

- (A) Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha and Rajya Sabha only
- (D) President and Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q146. The capital of India is

- (A) Kolkata
- (B) Mumbai
- (C) New Delhi
- (D) Chennai

Answer: C

Explanation: New Delhi is the capital of India.

Q147. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Mars
- (D) Venus

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q148. The speed of light in vacuum is approximately

- (A) 3×10^{10} m/s
- (B) 3×10^6 m/s
- (C) 3×10^8 m/s
- (D) 3×10^5 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q149. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Red blood cells
- (C) Platelets
- (D) White blood cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q150. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) tissue
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q151. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 15 August 1947
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q152. The planet known as the Red Planet is

- (A) Venus
- (B) Mercury
- (C) Mars
- (D) Jupiter

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q153. The chemical symbol for sodium is

- (A) N
- (B) S
- (C) Na
- (D) So

Answer: C

Explanation: Na comes from the Latin name natrium.

Q154. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Ribosome
- (C) Mitochondrion
- (D) Nucleus

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q155. The capital of India is

- (A) Kolkata
- (B) New Delhi
- (C) Mumbai
- (D) Chennai

Answer: B

Explanation: New Delhi is the capital of India.

Q156. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Oxygen
- (C) Nitrogen
- (D) Hydrogen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q157. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Mitochondrion
- (D) Ribosome

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q158. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 January 1950
- (C) 15 August 1947
- (D) 26 November 1949

Answer: B

Explanation: It came into force on 26 January 1950.

Q159. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) President and Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q160. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q161. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 26 January 1950
- (C) 2 October 1950
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q162. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q163. The capital of India is

- (A) Chennai
- (B) New Delhi
- (C) Mumbai
- (D) Kolkata

Answer: B

Explanation: New Delhi is the capital of India.

Q164. The fundamental unit of life is

- (A) organ
- (B) tissue
- (C) atom
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q165. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Subramania Bharati
- (C) Sarojini Naidu
- (D) Rabindranath Tagore

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q166. The SI unit of force is

- (A) newton
- (B) joule
- (C) watt
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q167. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Carbon dioxide
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q168. The longest river entirely within India is

- (A) Ganga
- (B) Godavari
- (C) Yamuna
- (D) Narmada

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q169. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Nucleus
- (C) Ribosome
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q170. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Indian Ocean
- (C) Arctic Ocean
- (D) Atlantic Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q171. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^8 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^5 m/s

Answer: B

Explanation: The accepted approximate value is 3×10^8 m/s.

Q172. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Chloroplast
- (C) Mitochondrion
- (D) Nucleus

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q173. The capital of India is

- (A) Mumbai
- (B) Chennai
- (C) Kolkata
- (D) New Delhi

Answer: D

Explanation: New Delhi is the capital of India.

Q174. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^6 m/s
- (C) 3×10^8 m/s
- (D) 3×10^{10} m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q175. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Hydrogen
- (C) Oxygen
- (D) Carbon dioxide

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q176. The chemical symbol for sodium is

- (A) So
- (B) Na
- (C) N
- (D) S

Answer: B

Explanation: Na comes from the Latin name natrium.

Q177. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 January 1950
- (C) 15 August 1947
- (D) 26 November 1949

Answer: B

Explanation: It came into force on 26 January 1950.

Q178. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Venus
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q179. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q180. The currency of Japan is

- (A) Won
- (B) Dollar
- (C) Yen
- (D) Yuan

Answer: C

Explanation: Japan uses the yen.

Q181. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) Lok Sabha only
- (D) President and Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q182. The planet known as the Red Planet is

- (A) Mars
- (B) Jupiter
- (C) Venus
- (D) Mercury

Answer: A

Explanation: Mars appears reddish because of iron oxides on its surface.

Q183. The SI unit of force is

- (A) newton
- (B) watt
- (C) joule
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q184. The currency of Japan is

- (A) Dollar
- (B) Won
- (C) Yen
- (D) Yuan

Answer: C

Explanation: Japan uses the yen.

Q185. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Pacific Ocean
- (C) Indian Ocean
- (D) Arctic Ocean

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q186. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Arctic Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q187. The capital of India is

- (A) Mumbai
- (B) Kolkata
- (C) New Delhi
- (D) Chennai

Answer: C

Explanation: New Delhi is the capital of India.

Q188. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q189. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^8 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^5 m/s

Answer: B

Explanation: The accepted approximate value is 3×10^8 m/s.

Q190. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^5 m/s
- (C) 3×10^6 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q191. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Sarojini Naidu
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q192. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Bankim Chandra Chattopadhyay
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q193. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Platelets
- (C) Red blood cells
- (D) White blood cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q194. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Nucleus
- (C) Chloroplast
- (D) Ribosome

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q195. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Platelets
- (C) Plasma cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q196. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Hydrogen
- (C) Carbon dioxide
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q197. The fundamental unit of life is

- (A) tissue
- (B) atom
- (C) cell
- (D) organ

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q198. The currency of Japan is

- (A) Yen
- (B) Won
- (C) Yuan
- (D) Dollar

Answer: A

Explanation: Japan uses the yen.

Q199. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Carbon dioxide
- (C) Oxygen
- (D) Hydrogen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q200. The SI unit of force is

- (A) newton
- (B) watt
- (C) joule
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q201. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Nitrogen
- (C) Hydrogen
- (D) Carbon dioxide

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q202. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Nitrogen
- (C) Carbon dioxide
- (D) Hydrogen

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q203. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Atlantic Ocean
- (C) Arctic Ocean
- (D) Indian Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q204. The planet known as the Red Planet is

- (A) Mars
- (B) Mercury
- (C) Venus
- (D) Jupiter

Answer: A

Explanation: Mars appears reddish because of iron oxides on its surface.

Q205. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Arctic Ocean
- (C) Atlantic Ocean
- (D) Indian Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q206. The fundamental unit of life is

- (A) organ
- (B) cell
- (C) atom
- (D) tissue

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q207. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Sarojini Naidu
- (C) Rabindranath Tagore
- (D) Subramania Bharati

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q208. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^5 m/s
- (C) 3×10^6 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q209. The SI unit of force is

- (A) joule
- (B) newton
- (C) watt
- (D) pascal

Answer: B

Explanation: Force is measured in newtons (N).

Q210. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Ribosome
- (C) Nucleus
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q211. The longest river entirely within India is

- (A) Ganga
- (B) Yamuna
- (C) Godavari
- (D) Narmada

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q212. The chemical symbol for sodium is

- (A) Na
- (B) So
- (C) N
- (D) S

Answer: A

Explanation: Na comes from the Latin name natrium.

Q213. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q214. The capital of India is

- (A) Mumbai
- (B) Chennai
- (C) Kolkata
- (D) New Delhi

Answer: D

Explanation: New Delhi is the capital of India.

Q215. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Platelets
- (C) White blood cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q216. The Constitution of India came into force on

- (A) 26 January 1950
- (B) 2 October 1950
- (C) 26 November 1949
- (D) 15 August 1947

Answer: A

Explanation: It came into force on 26 January 1950.

Q217. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Venus
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q218. The SI unit of force is

- (A) watt
- (B) joule
- (C) newton
- (D) pascal

Answer: C

Explanation: Force is measured in newtons (N).

Q219. The SI unit of force is

- (A) pascal
- (B) joule
- (C) newton
- (D) watt

Answer: C

Explanation: Force is measured in newtons (N).

Q220. The SI unit of force is

- (A) newton
- (B) pascal
- (C) joule
- (D) watt

Answer: A

Explanation: Force is measured in newtons (N).

Q221. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) Lok Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q222. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Arctic Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q223. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^6 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q224. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 January 1950
- (C) 2 October 1950
- (D) 26 November 1949

Answer: B

Explanation: It came into force on 26 January 1950.

Q225. The currency of Japan is

- (A) Yuan
- (B) Dollar
- (C) Yen
- (D) Won

Answer: C

Explanation: Japan uses the yen.

Q226. The SI unit of force is

- (A) newton
- (B) joule
- (C) watt
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q227. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q228. The currency of Japan is

- (A) Yen
- (B) Dollar
- (C) Won
- (D) Yuan

Answer: A

Explanation: Japan uses the yen.

Q229. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Plasma cells
- (C) Red blood cells
- (D) Platelets

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q230. The chemical symbol for sodium is

- (A) So
- (B) N
- (C) S
- (D) Na

Answer: D

Explanation: Na comes from the Latin name natrium.

Q231. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Sarojini Naidu
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q232. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Carbon dioxide
- (C) Oxygen
- (D) Hydrogen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q233. The chemical symbol for sodium is

- (A) S
- (B) So
- (C) N
- (D) Na

Answer: D

Explanation: Na comes from the Latin name natrium.

Q234. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Oxygen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q235. The capital of India is

- (A) Chennai
- (B) Kolkata
- (C) New Delhi
- (D) Mumbai

Answer: C

Explanation: New Delhi is the capital of India.

Q236. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Indian Ocean
- (C) Pacific Ocean
- (D) Atlantic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q237. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Oxygen
- (C) Hydrogen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q238. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Atlantic Ocean
- (C) Pacific Ocean
- (D) Indian Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q239. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) President and Lok Sabha only
- (D) Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q240. The fundamental unit of life is

- (A) organ
- (B) atom
- (C) tissue
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q241. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Carbon dioxide
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q242. The longest river entirely within India is

- (A) Ganga
- (B) Godavari
- (C) Narmada
- (D) Yamuna

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q243. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) President and Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q244. The chemical symbol for sodium is

- (A) S
- (B) Na
- (C) So
- (D) N

Answer: B

Explanation: Na comes from the Latin name natrium.

Q245. The capital of India is

- (A) Kolkata
- (B) New Delhi
- (C) Mumbai
- (D) Chennai

Answer: B

Explanation: New Delhi is the capital of India.

Q246. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q247. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha only
- (C) President and Lok Sabha only
- (D) Lok Sabha and Rajya Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q248. The currency of Japan is

- (A) Yuan
- (B) Won
- (C) Dollar
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q249. The planet known as the Red Planet is

- (A) Mercury
- (B) Venus
- (C) Mars
- (D) Jupiter

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q250. The SI unit of force is

- (A) watt
- (B) pascal
- (C) joule
- (D) newton

Answer: D

Explanation: Force is measured in newtons (N).

Q251. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Indian Ocean
- (C) Atlantic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q252. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Sarojini Naidu
- (C) Rabindranath Tagore
- (D) Subramania Bharati

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q253. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 26 January 1950
- (C) 15 August 1947
- (D) 2 October 1950

Answer: B

Explanation: It came into force on 26 January 1950.

Q254. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Oxygen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q255. The currency of Japan is

- (A) Yuan
- (B) Won
- (C) Dollar
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q256. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 January 1950
- (C) 26 November 1949
- (D) 2 October 1950

Answer: B

Explanation: It came into force on 26 January 1950.

Q257. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Arctic Ocean
- (C) Indian Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q258. The currency of Japan is

- (A) Dollar
- (B) Yen
- (C) Yuan
- (D) Won

Answer: B

Explanation: Japan uses the yen.

Q259. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q260. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mars
- (D) Mercury

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q261. The planet known as the Red Planet is

- (A) Mercury
- (B) Jupiter
- (C) Mars
- (D) Venus

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q262. The longest river entirely within India is

- (A) Ganga
- (B) Godavari
- (C) Narmada
- (D) Yamuna

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q263. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 15 August 1947
- (C) 26 January 1950
- (D) 26 November 1949

Answer: C

Explanation: It came into force on 26 January 1950.

Q264. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Hydrogen
- (C) Carbon dioxide
- (D) Oxygen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q265. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 January 1950
- (C) 26 November 1949
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q266. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Red blood cells
- (C) Platelets
- (D) Plasma cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q267. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Subramania Bharati
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q268. The SI unit of force is

- (A) newton
- (B) watt
- (C) pascal
- (D) joule

Answer: A

Explanation: Force is measured in newtons (N).

Q269. Who wrote the Indian national anthem?

- (A) Subramania Bharati
- (B) Bankim Chandra Chattopadhyay
- (C) Rabindranath Tagore
- (D) Sarojini Naidu

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q270. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) President and Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q271. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) President and Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q272. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q273. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Subramania Bharati
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q274. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Nitrogen
- (D) Carbon dioxide

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q275. The SI unit of force is

- (A) newton
- (B) watt
- (C) pascal
- (D) joule

Answer: A

Explanation: Force is measured in newtons (N).

Q276. The planet known as the Red Planet is

- (A) Venus
- (B) Jupiter
- (C) Mars
- (D) Mercury

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q277. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Rabindranath Tagore
- (C) Subramania Bharati
- (D) Sarojini Naidu

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q278. The capital of India is

- (A) Kolkata
- (B) Mumbai
- (C) Chennai
- (D) New Delhi

Answer: D

Explanation: New Delhi is the capital of India.

Q279. The fundamental unit of life is

- (A) atom
- (B) tissue
- (C) cell
- (D) organ

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q280. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Hydrogen
- (C) Nitrogen
- (D) Carbon dioxide

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q281. Who wrote the Indian national anthem?

- (A) Subramania Bharati
- (B) Rabindranath Tagore
- (C) Bankim Chandra Chattopadhyay
- (D) Sarojini Naidu

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q282. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q283. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Subramania Bharati
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q284. The capital of India is

- (A) Chennai
- (B) New Delhi
- (C) Mumbai
- (D) Kolkata

Answer: B

Explanation: New Delhi is the capital of India.

Q285. The planet known as the Red Planet is

- (A) Mercury
- (B) Venus
- (C) Jupiter
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q286. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Red blood cells
- (C) White blood cells
- (D) Plasma cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q287. The longest river entirely within India is

- (A) Narmada
- (B) Ganga
- (C) Yamuna
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q288. Which blood cells primarily carry oxygen?

- (A) Red blood cells
- (B) Plasma cells
- (C) White blood cells
- (D) Platelets

Answer: A

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q289. The planet known as the Red Planet is

- (A) Venus
- (B) Mercury
- (C) Mars
- (D) Jupiter

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q290. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^6 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q291. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Hydrogen
- (C) Nitrogen
- (D) Oxygen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q292. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Red blood cells
- (C) Platelets
- (D) Plasma cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q293. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q294. The capital of India is

- (A) Kolkata
- (B) Chennai
- (C) Mumbai
- (D) New Delhi

Answer: D

Explanation: New Delhi is the capital of India.

Q295. The SI unit of force is

- (A) newton
- (B) watt
- (C) joule
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q296. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 November 1949
- (C) 2 October 1950
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q297. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Ribosome
- (C) Nucleus
- (D) Mitochondrion

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q298. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 2 October 1950
- (C) 15 August 1947
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q299. The currency of Japan is

- (A) Won
- (B) Dollar
- (C) Yuan
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q300. The SI unit of force is

- (A) joule
- (B) pascal
- (C) newton
- (D) watt

Answer: C

Explanation: Force is measured in newtons (N).

Q301. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Atlantic Ocean
- (C) Pacific Ocean
- (D) Indian Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q302. The currency of Japan is

- (A) Won
- (B) Dollar
- (C) Yuan
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q303. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 26 November 1949

Answer: C

Explanation: It came into force on 26 January 1950.

Q304. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha only
- (D) Lok Sabha and Rajya Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q305. The chemical symbol for sodium is

- (A) Na
- (B) So
- (C) S
- (D) N

Answer: A

Explanation: Na comes from the Latin name natrium.

Q306. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Atlantic Ocean
- (C) Arctic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q307. The currency of Japan is

- (A) Dollar
- (B) Yuan
- (C) Won
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q308. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^5 m/s
- (C) 3×10^6 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q309. The SI unit of force is

- (A) watt
- (B) joule
- (C) pascal
- (D) newton

Answer: D

Explanation: Force is measured in newtons (N).

Q310. The Constitution of India came into force on

- (A) 26 January 1950
- (B) 15 August 1947
- (C) 26 November 1949
- (D) 2 October 1950

Answer: A

Explanation: It came into force on 26 January 1950.

Q311. The fundamental unit of life is

- (A) tissue
- (B) organ
- (C) atom
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q312. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Mitochondrion
- (C) Chloroplast
- (D) Ribosome

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q313. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q314. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Chloroplast
- (C) Nucleus
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q315. The currency of Japan is

- (A) Yen
- (B) Won
- (C) Dollar
- (D) Yuan

Answer: A

Explanation: Japan uses the yen.

Q316. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Plasma cells
- (C) Platelets
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q317. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^5 m/s
- (C) 3×10^8 m/s
- (D) 3×10^{10} m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q318. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q319. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^6 m/s
- (D) 3×10^5 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q320. The chemical symbol for sodium is

- (A) N
- (B) Na
- (C) So
- (D) S

Answer: B

Explanation: Na comes from the Latin name natrium.

Q321. The capital of India is

- (A) Kolkata
- (B) New Delhi
- (C) Mumbai
- (D) Chennai

Answer: B

Explanation: New Delhi is the capital of India.

Q322. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q323. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q324. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mars
- (D) Mercury

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q325. The fundamental unit of life is

- (A) organ
- (B) cell
- (C) tissue
- (D) atom

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q326. The longest river entirely within India is

- (A) Ganga
- (B) Narmada
- (C) Godavari
- (D) Yamuna

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q327. The Constitution of India came into force on

- (A) 26 January 1950
- (B) 15 August 1947
- (C) 26 November 1949
- (D) 2 October 1950

Answer: A

Explanation: It came into force on 26 January 1950.

Q328. The fundamental unit of life is

- (A) organ
- (B) tissue
- (C) atom
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q329. Who wrote the Indian national anthem?

- (A) Subramania Bharati
- (B) Rabindranath Tagore
- (C) Bankim Chandra Chattopadhyay
- (D) Sarojini Naidu

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q330. The fundamental unit of life is

- (A) tissue
- (B) atom
- (C) cell
- (D) organ

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q331. The chemical symbol for sodium is

- (A) N
- (B) So
- (C) Na
- (D) S

Answer: C

Explanation: Na comes from the Latin name natrium.

Q332. The longest river entirely within India is

- (A) Narmada
- (B) Yamuna
- (C) Ganga
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q333. The Parliament of India consists of

- (A) Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) President and Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q334. The fundamental unit of life is

- (A) tissue
- (B) cell
- (C) organ
- (D) atom

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q335. The planet known as the Red Planet is

- (A) Mercury
- (B) Venus
- (C) Jupiter
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q336. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) President and Lok Sabha only
- (C) Lok Sabha only
- (D) Lok Sabha and Rajya Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q337. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Nucleus
- (C) Ribosome
- (D) Mitochondrion

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q338. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Venus
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q339. The planet known as the Red Planet is

- (A) Mercury
- (B) Mars
- (C) Jupiter
- (D) Venus

Answer: B

Explanation: Mars appears reddish because of iron oxides on its surface.

Q340. The Constitution of India came into force on

- (A) 26 January 1950
- (B) 15 August 1947
- (C) 2 October 1950
- (D) 26 November 1949

Answer: A

Explanation: It came into force on 26 January 1950.

Q341. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Plasma cells
- (C) White blood cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q342. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Indian Ocean
- (C) Arctic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q343. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Chloroplast
- (C) Nucleus
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q344. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Venus
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q345. The planet known as the Red Planet is

- (A) Jupiter
- (B) Venus
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q346. The fundamental unit of life is

- (A) atom
- (B) cell
- (C) organ
- (D) tissue

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q347. The currency of Japan is

- (A) Dollar
- (B) Yen
- (C) Yuan
- (D) Won

Answer: B

Explanation: Japan uses the yen.

Q348. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Nucleus
- (C) Mitochondrion
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q349. The planet known as the Red Planet is

- (A) Venus
- (B) Jupiter
- (C) Mercury
- (D) Mars

Answer: D

Explanation: Mars appears reddish because of iron oxides on its surface.

Q350. The longest river entirely within India is

- (A) Yamuna
- (B) Ganga
- (C) Narmada
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q351. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Sarojini Naidu
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q352. The longest river entirely within India is

- (A) Ganga
- (B) Yamuna
- (C) Narmada
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q353. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Ribosome
- (C) Chloroplast
- (D) Mitochondrion

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q354. The currency of Japan is

- (A) Yen
- (B) Won
- (C) Yuan
- (D) Dollar

Answer: A

Explanation: Japan uses the yen.

Q355. The chemical symbol for sodium is

- (A) Na
- (B) S
- (C) So
- (D) N

Answer: A

Explanation: Na comes from the Latin name natrium.

Q356. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Ribosome
- (C) Mitochondrion
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q357. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Nitrogen
- (D) Carbon dioxide

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q358. The currency of Japan is

- (A) Yen
- (B) Yuan
- (C) Won
- (D) Dollar

Answer: A

Explanation: Japan uses the yen.

Q359. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Pacific Ocean
- (C) Indian Ocean
- (D) Atlantic Ocean

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q360. The chemical symbol for sodium is

- (A) Na
- (B) S
- (C) N
- (D) So

Answer: A

Explanation: Na comes from the Latin name natrium.

Q361. The largest ocean on Earth is

- (A) Pacific Ocean
- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Arctic Ocean

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q362. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Nucleus
- (C) Mitochondrion
- (D) Ribosome

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q363. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Nucleus
- (C) Chloroplast
- (D) Ribosome

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q364. The capital of India is

- (A) New Delhi
- (B) Chennai
- (C) Mumbai
- (D) Kolkata

Answer: A

Explanation: New Delhi is the capital of India.

Q365. The largest ocean on Earth is

- (A) Indian Ocean
- (B) Arctic Ocean
- (C) Pacific Ocean
- (D) Atlantic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q366. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^6 m/s
- (D) 3×10^5 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q367. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^6 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q368. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Mitochondrion
- (C) Nucleus
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q369. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Nitrogen
- (D) Carbon dioxide

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q370. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Plasma cells
- (C) Platelets
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q371. The capital of India is

- (A) Mumbai
- (B) Kolkata
- (C) New Delhi
- (D) Chennai

Answer: C

Explanation: New Delhi is the capital of India.

Q372. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Mitochondrion
- (C) Nucleus
- (D) Ribosome

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q373. The chemical symbol for sodium is

- (A) S
- (B) N
- (C) Na
- (D) So

Answer: C

Explanation: Na comes from the Latin name natrium.

Q374. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Carbon dioxide
- (C) Nitrogen
- (D) Hydrogen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q375. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 November 1949
- (C) 2 October 1950
- (D) 26 January 1950

Answer: D

Explanation: It came into force on 26 January 1950.

Q376. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Mitochondrion
- (C) Ribosome
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q377. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Ribosome
- (C) Nucleus
- (D) Mitochondrion

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q378. The capital of India is

- (A) New Delhi
- (B) Mumbai
- (C) Kolkata
- (D) Chennai

Answer: A

Explanation: New Delhi is the capital of India.

Q379. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) White blood cells
- (C) Plasma cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q380. The SI unit of force is

- (A) newton
- (B) pascal
- (C) joule
- (D) watt

Answer: A

Explanation: Force is measured in newtons (N).

Q381. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Atlantic Ocean
- (C) Indian Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q382. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q383. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) President and Lok Sabha only
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q384. The currency of Japan is

- (A) Won
- (B) Yuan
- (C) Yen
- (D) Dollar

Answer: C

Explanation: Japan uses the yen.

Q385. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Red blood cells
- (C) Platelets
- (D) White blood cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q386. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Ribosome
- (D) Mitochondrion

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q387. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q388. The fundamental unit of life is

- (A) cell
- (B) organ
- (C) tissue
- (D) atom

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q389. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Red blood cells
- (C) Plasma cells
- (D) Platelets

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q390. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^6 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q391. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Red blood cells
- (C) White blood cells
- (D) Platelets

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q392. Who wrote the Indian national anthem?

- (A) Subramania Bharati
- (B) Sarojini Naidu
- (C) Rabindranath Tagore
- (D) Bankim Chandra Chattopadhyay

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q393. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q394. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Sarojini Naidu
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q395. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Nitrogen
- (C) Oxygen
- (D) Hydrogen

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q396. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 January 1950
- (C) 26 November 1949
- (D) 2 October 1950

Answer: B

Explanation: It came into force on 26 January 1950.

Q397. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Arctic Ocean
- (C) Pacific Ocean
- (D) Indian Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q398. The chemical symbol for sodium is

- (A) S
- (B) N
- (C) Na
- (D) So

Answer: C

Explanation: Na comes from the Latin name natrium.

Q399. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Ribosome
- (C) Mitochondrion
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q400. The longest river entirely within India is

- (A) Godavari
- (B) Ganga
- (C) Narmada
- (D) Yamuna

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q401. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Nitrogen
- (C) Hydrogen
- (D) Carbon dioxide

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q402. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Plasma cells
- (C) Platelets
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q403. Who wrote the Indian national anthem?

- (A) Sarojini Naidu
- (B) Rabindranath Tagore
- (C) Subramania Bharati
- (D) Bankim Chandra Chattopadhyay

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q404. The fundamental unit of life is

- (A) organ
- (B) atom
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q405. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^6 m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q406. The SI unit of force is

- (A) newton
- (B) pascal
- (C) joule
- (D) watt

Answer: A

Explanation: Force is measured in newtons (N).

Q407. The currency of Japan is

- (A) Dollar
- (B) Won
- (C) Yuan
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q408. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 26 January 1950
- (C) 2 October 1950
- (D) 15 August 1947

Answer: B

Explanation: It came into force on 26 January 1950.

Q409. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Bankim Chandra Chattopadhyay
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q410. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) White blood cells
- (C) Red blood cells
- (D) Plasma cells

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q411. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^6 m/s
- (D) 3×10^5 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q412. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Rabindranath Tagore
- (C) Subramania Bharati
- (D) Sarojini Naidu

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q413. The SI unit of force is

- (A) newton
- (B) watt
- (C) joule
- (D) pascal

Answer: A

Explanation: Force is measured in newtons (N).

Q414. The longest river entirely within India is

- (A) Godavari
- (B) Narmada
- (C) Ganga
- (D) Yamuna

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q415. Who wrote the Indian national anthem?

- (A) Bankim Chandra Chattopadhyay
- (B) Sarojini Naidu
- (C) Rabindranath Tagore
- (D) Subramania Bharati

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q416. The Parliament of India consists of

- (A) Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President, Lok Sabha and Rajya Sabha
- (D) President and Lok Sabha only

Answer: C

Explanation: Article 79 provides for the President and the two Houses.

Q417. Who wrote the Indian national anthem?

- (A) Sarojini Naidu
- (B) Bankim Chandra Chattopadhyay
- (C) Subramania Bharati
- (D) Rabindranath Tagore

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q418. Which gas is most abundant in Earth's atmosphere?

- (A) Oxygen
- (B) Carbon dioxide
- (C) Hydrogen
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q419. The currency of Japan is

- (A) Won
- (B) Dollar
- (C) Yen
- (D) Yuan

Answer: C

Explanation: Japan uses the yen.

Q420. The capital of India is

- (A) New Delhi
- (B) Kolkata
- (C) Mumbai
- (D) Chennai

Answer: A

Explanation: New Delhi is the capital of India.

Q421. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Red blood cells
- (C) White blood cells
- (D) Platelets

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q422. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Bankim Chandra Chattopadhyay
- (C) Subramania Bharati
- (D) Sarojini Naidu

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q423. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Red blood cells
- (C) Plasma cells
- (D) White blood cells

Answer: B

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q424. The currency of Japan is

- (A) Yuan
- (B) Won
- (C) Yen
- (D) Dollar

Answer: C

Explanation: Japan uses the yen.

Q425. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q426. The capital of India is

- (A) Kolkata
- (B) New Delhi
- (C) Chennai
- (D) Mumbai

Answer: B

Explanation: New Delhi is the capital of India.

Q427. The Parliament of India consists of

- (A) President and Lok Sabha only
- (B) President, Lok Sabha and Rajya Sabha
- (C) Lok Sabha and Rajya Sabha only
- (D) Lok Sabha only

Answer: B

Explanation: Article 79 provides for the President and the two Houses.

Q428. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 2 October 1950

Answer: C

Explanation: It came into force on 26 January 1950.

Q429. The planet known as the Red Planet is

- (A) Mercury
- (B) Venus
- (C) Mars
- (D) Jupiter

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q430. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Ribosome
- (C) Nucleus
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q431. The Parliament of India consists of

- (A) Lok Sabha only
- (B) Lok Sabha and Rajya Sabha only
- (C) President and Lok Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q432. The currency of Japan is

- (A) Yen
- (B) Yuan
- (C) Won
- (D) Dollar

Answer: A

Explanation: Japan uses the yen.

Q433. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Nitrogen
- (C) Oxygen
- (D) Hydrogen

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q434. The SI unit of force is

- (A) watt
- (B) newton
- (C) joule
- (D) pascal

Answer: B

Explanation: Force is measured in newtons (N).

Q435. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q436. The largest ocean on Earth is

- (A) Atlantic Ocean
- (B) Indian Ocean
- (C) Pacific Ocean
- (D) Arctic Ocean

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q437. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^8 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^5 m/s

Answer: B

Explanation: The accepted approximate value is 3×10^8 m/s.

Q438. The fundamental unit of life is

- (A) atom
- (B) cell
- (C) tissue
- (D) organ

Answer: B

Explanation: The cell is the basic structural and functional unit of life.

Q439. The speed of light in vacuum is approximately

- (A) 3×10^5 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^8 m/s
- (D) 3×10^6 m/s

Answer: C

Explanation: The accepted approximate value is 3×10^8 m/s.

Q440. The longest river entirely within India is

- (A) Narmada
- (B) Yamuna
- (C) Ganga
- (D) Godavari

Answer: D

Explanation: Godavari is the longest river flowing entirely within India.

Q441. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Ribosome
- (C) Chloroplast
- (D) Nucleus

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q442. The SI unit of force is

- (A) watt
- (B) joule
- (C) newton
- (D) pascal

Answer: C

Explanation: Force is measured in newtons (N).

Q443. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q444. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Nitrogen
- (C) Oxygen
- (D) Hydrogen

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q445. The chemical symbol for sodium is

- (A) Na
- (B) N
- (C) So
- (D) S

Answer: A

Explanation: Na comes from the Latin name natrium.

Q446. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Carbon dioxide
- (C) Hydrogen
- (D) Oxygen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q447. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) Lok Sabha only
- (C) President and Lok Sabha only
- (D) President, Lok Sabha and Rajya Sabha

Answer: D

Explanation: Article 79 provides for the President and the two Houses.

Q448. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Sarojini Naidu
- (C) Bankim Chandra Chattopadhyay
- (D) Subramania Bharati

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q449. The SI unit of force is

- (A) joule
- (B) watt
- (C) newton
- (D) pascal

Answer: C

Explanation: Force is measured in newtons (N).

Q450. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Carbon dioxide
- (C) Hydrogen
- (D) Oxygen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q451. Which gas is most abundant in Earth's atmosphere?

- (A) Carbon dioxide
- (B) Oxygen
- (C) Nitrogen
- (D) Hydrogen

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q452. The capital of India is

- (A) Chennai
- (B) New Delhi
- (C) Kolkata
- (D) Mumbai

Answer: B

Explanation: New Delhi is the capital of India.

Q453. The fundamental unit of life is

- (A) tissue
- (B) atom
- (C) cell
- (D) organ

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q454. The planet known as the Red Planet is

- (A) Mars
- (B) Venus
- (C) Jupiter
- (D) Mercury

Answer: A

Explanation: Mars appears reddish because of iron oxides on its surface.

Q455. The speed of light in vacuum is approximately

- (A) 3×10^{10} m/s
- (B) 3×10^8 m/s
- (C) 3×10^6 m/s
- (D) 3×10^5 m/s

Answer: B

Explanation: The accepted approximate value is 3×10^8 m/s.

Q456. Which blood cells primarily carry oxygen?

- (A) Plasma cells
- (B) Platelets
- (C) White blood cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q457. The SI unit of force is

- (A) joule
- (B) watt
- (C) newton
- (D) pascal

Answer: C

Explanation: Force is measured in newtons (N).

Q458. The fundamental unit of life is

- (A) organ
- (B) tissue
- (C) atom
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q459. The longest river entirely within India is

- (A) Godavari
- (B) Yamuna
- (C) Ganga
- (D) Narmada

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q460. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Ribosome
- (C) Mitochondrion
- (D) Nucleus

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q461. The fundamental unit of life is

- (A) cell
- (B) tissue
- (C) organ
- (D) atom

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q462. The largest ocean on Earth is

- (A) Arctic Ocean
- (B) Indian Ocean
- (C) Atlantic Ocean
- (D) Pacific Ocean

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q463. The fundamental unit of life is

- (A) organ
- (B) atom
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q464. The fundamental unit of life is

- (A) cell
- (B) organ
- (C) tissue
- (D) atom

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q465. The speed of light in vacuum is approximately

- (A) 3×10^6 m/s
- (B) 3×10^5 m/s
- (C) 3×10^{10} m/s
- (D) 3×10^8 m/s

Answer: D

Explanation: The accepted approximate value is 3×10^8 m/s.

Q466. Who wrote the Indian national anthem?

- (A) Sarojini Naidu
- (B) Bankim Chandra Chattopadhyay
- (C) Rabindranath Tagore
- (D) Subramania Bharati

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q467. The fundamental unit of life is

- (A) cell
- (B) tissue
- (C) organ
- (D) atom

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q468. The chemical symbol for sodium is

- (A) So
- (B) S
- (C) Na
- (D) N

Answer: C

Explanation: Na comes from the Latin name natrium.

Q469. Who wrote the Indian national anthem?

- (A) Subramania Bharati
- (B) Rabindranath Tagore
- (C) Sarojini Naidu
- (D) Bankim Chandra Chattopadhyay

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q470. Which blood cells primarily carry oxygen?

- (A) Platelets
- (B) Plasma cells
- (C) White blood cells
- (D) Red blood cells

Answer: D

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q471. The longest river entirely within India is

- (A) Ganga
- (B) Godavari
- (C) Narmada
- (D) Yamuna

Answer: B

Explanation: Godavari is the longest river flowing entirely within India.

Q472. Which gas is most abundant in Earth's atmosphere?

- (A) Nitrogen
- (B) Oxygen
- (C) Carbon dioxide
- (D) Hydrogen

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q473. The fundamental unit of life is

- (A) atom
- (B) organ
- (C) cell
- (D) tissue

Answer: C

Explanation: The cell is the basic structural and functional unit of life.

Q474. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^6 m/s
- (C) 3×10^5 m/s
- (D) 3×10^{10} m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q475. The fundamental unit of life is

- (A) cell
- (B) tissue
- (C) organ
- (D) atom

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q476. Which gas is most abundant in Earth's atmosphere?

- (A) Hydrogen
- (B) Oxygen
- (C) Carbon dioxide
- (D) Nitrogen

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q477. The fundamental unit of life is

- (A) tissue
- (B) atom
- (C) organ
- (D) cell

Answer: D

Explanation: The cell is the basic structural and functional unit of life.

Q478. The longest river entirely within India is

- (A) Narmada
- (B) Yamuna
- (C) Godavari
- (D) Ganga

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q479. Photosynthesis mainly occurs in which cell organelle?

- (A) Chloroplast
- (B) Ribosome
- (C) Mitochondrion
- (D) Nucleus

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q480. The longest river entirely within India is

- (A) Narmada
- (B) Yamuna
- (C) Godavari
- (D) Ganga

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q481. The planet known as the Red Planet is

- (A) Jupiter
- (B) Mercury
- (C) Mars
- (D) Venus

Answer: C

Explanation: Mars appears reddish because of iron oxides on its surface.

Q482. Which blood cells primarily carry oxygen?

- (A) White blood cells
- (B) Plasma cells
- (C) Red blood cells
- (D) Platelets

Answer: C

Explanation: Red blood cells contain haemoglobin, which carries oxygen.

Q483. The chemical symbol for sodium is

- (A) N
- (B) S
- (C) Na
- (D) So

Answer: C

Explanation: Na comes from the Latin name natrium.

Q484. The Constitution of India came into force on

- (A) 2 October 1950
- (B) 26 November 1949
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q485. The longest river entirely within India is

- (A) Ganga
- (B) Narmada
- (C) Godavari
- (D) Yamuna

Answer: C

Explanation: Godavari is the longest river flowing entirely within India.

Q486. Who wrote the Indian national anthem?

- (A) Rabindranath Tagore
- (B) Subramania Bharati
- (C) Sarojini Naidu
- (D) Bankim Chandra Chattopadhyay

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q487. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 26 November 1949

Answer: C

Explanation: It came into force on 26 January 1950.

Q488. Photosynthesis mainly occurs in which cell organelle?

- (A) Ribosome
- (B) Nucleus
- (C) Mitochondrion
- (D) Chloroplast

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q489. The longest river entirely within India is

- (A) Godavari
- (B) Narmada
- (C) Ganga
- (D) Yamuna

Answer: A

Explanation: Godavari is the longest river flowing entirely within India.

Q490. The speed of light in vacuum is approximately

- (A) 3×10^8 m/s
- (B) 3×10^{10} m/s
- (C) 3×10^6 m/s
- (D) 3×10^5 m/s

Answer: A

Explanation: The accepted approximate value is 3×10^8 m/s.

Q491. The fundamental unit of life is

- (A) cell
- (B) atom
- (C) organ
- (D) tissue

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Q492. Photosynthesis mainly occurs in which cell organelle?

- (A) Nucleus
- (B) Chloroplast
- (C) Mitochondrion
- (D) Ribosome

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q493. The currency of Japan is

- (A) Won
- (B) Yen
- (C) Yuan
- (D) Dollar

Answer: B

Explanation: Japan uses the yen.

Q494. The Constitution of India came into force on

- (A) 15 August 1947
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 26 November 1949

Answer: C

Explanation: It came into force on 26 January 1950.

Q495. Photosynthesis mainly occurs in which cell organelle?

- (A) Mitochondrion
- (B) Chloroplast
- (C) Nucleus
- (D) Ribosome

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q496. The Parliament of India consists of

- (A) President, Lok Sabha and Rajya Sabha
- (B) Lok Sabha and Rajya Sabha only
- (C) Lok Sabha only
- (D) President and Lok Sabha only

Answer: A

Explanation: Article 79 provides for the President and the two Houses.

Q497. The chemical symbol for sodium is

- (A) So
- (B) N
- (C) Na
- (D) S

Answer: C

Explanation: Na comes from the Latin name natrium.

Q498. The currency of Japan is

- (A) Dollar
- (B) Won
- (C) Yuan
- (D) Yen

Answer: D

Explanation: Japan uses the yen.

Q499. The Constitution of India came into force on

- (A) 26 November 1949
- (B) 2 October 1950
- (C) 26 January 1950
- (D) 15 August 1947

Answer: C

Explanation: It came into force on 26 January 1950.

Q500. The fundamental unit of life is

- (A) cell
- (B) atom
- (C) tissue
- (D) organ

Answer: A

Explanation: The cell is the basic structural and functional unit of life.

Reasoning & Aptitude

Q501. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q502. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q503. Find the next number: 4, 9, 14, 19, 24, ?

- (A) 29
- (B) 34
- (C) 24
- (D) 39

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $24 + 5 = 29$.

Q504. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) DBU
- (B) CAT
- (C) ECV
- (D) TAC

Answer: A

Explanation: Shift each letter forward by one: CAT → DBU.

Q505. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q506. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q507. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) NBUI
- (B) HTAM
- (C) OCVJ
- (D) MATH

Answer: A

Explanation: Shift each letter forward by one: MATH → NBUI.

Q508. Find the next number: 15, 20, 25, 30, 35, ?

- (A) 45
- (B) 50
- (C) 35
- (D) 40

Answer: D

Explanation: The sequence increases by 5 each time, so the next number is $35 + 5 = 40$.

Q509. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q510. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q511. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q512. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 8.4
- (B) 6.4
- (C) 9
- (D) 1

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 5^2} = 6.4$ km.

Q513. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) NBUI
- (B) MATH
- (C) HTAM
- (D) OCVJ

Answer: A

Explanation: Shift each letter forward by one: MATH → NBUI.

Q514. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) ECV
- (C) CAT
- (D) DBU

Answer: D

Explanation: Shift each letter forward by one: CAT → DBU.

Q515. A person walks 3 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 4.24
- (B) 6.24
- (C) 6
- (D) 0

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 3^2} = 4.24$ km.

Q516. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q517. A person walks 10 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 12.21
- (B) 17
- (C) 3
- (D) 14.21

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 7^2} = 12.21$ km.

Q518. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q519. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q520. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) OCVJ
- (B) NBUI
- (C) HTAM
- (D) MATH

Answer: B

Explanation: Shift each letter forward by one: MATH → NBUI.

Q521. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

- (A) DPEF
- (B) EQFG
- (C) CODE
- (D) EDOC

Answer: A

Explanation: Shift each letter forward by one: CODE → DPEF.

Q522. Find the next number: 8, 13, 18, 23, 28, ?

- (A) 38
- (B) 33
- (C) 28
- (D) 43

Answer: B

Explanation: The sequence increases by 5 each time, so the next number is $28 + 5 = 33$.

Q523. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q524. Find the next number: 17, 24, 31, 38, 45, ?

- (A) 45
- (B) 59
- (C) 52
- (D) 66

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $45 + 7 = 52$.

Q525. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q526. Find the next number: 15, 17, 19, 21, 23, ?

- (A) 23
- (B) 29
- (C) 25
- (D) 27

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $23 + 2 = 25$.

Q527. Find the next number: 20, 27, 34, 41, 48, ?

- (A) 48
- (B) 69
- (C) 62
- (D) 55

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $48 + 7 = 55$.

Q528. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) CAT
- (C) ECV
- (D) DBU

Answer: D

Explanation: Shift each letter forward by one: CAT → DBU.

Q529. Find the next number: 6, 15, 24, 33, 42, ?

- (A) 51
- (B) 60
- (C) 42
- (D) 69

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $42 + 9 = 51$.

Q530. Find the next number: 15, 24, 33, 42, 51, ?

- (A) 78
- (B) 60
- (C) 69
- (D) 51

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $51 + 9 = 60$.

Q531. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q532. A person walks 6 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 10
- (C) 7.21
- (D) 9.21

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 4^2} = 7.21$ km.

Q533. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q534. A person walks 7 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 11.22
- (B) 9.22
- (C) 1
- (D) 13

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 6^2} = 9.22$ km.

Q535. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q536. A person walks 9 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 13
- (B) 9.85
- (C) 5
- (D) 11.85

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 4^2} = 9.85$ km.

Q537. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q538. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q539. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) NBUI
- (B) MATH
- (C) HTAM
- (D) OCVJ

Answer: A

Explanation: Shift each letter forward by one: MATH → NBUI.

Q540. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 9.9
- (B) 0
- (C) 11.9
- (D) 14

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 7^2} = 9.9$ km.

Q541. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) ECV
- (C) DBU
- (D) CAT

Answer: C

Explanation: Shift each letter forward by one: CAT → DBU.

Q542. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q543. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q544. Find the next number: 7, 11, 15, 19, 23, ?

- (A) 27
- (B) 23
- (C) 31
- (D) 35

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $23 + 4 = 27$.

Q545. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q546. A person walks 7 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 10.63
- (B) 1
- (C) 12.63
- (D) 15

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 8^2} = 10.63$ km.

Q547. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q548. Find the next number: 7, 10, 13, 16, 19, ?

- (A) 25
- (B) 28
- (C) 19
- (D) 22

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $19 + 3 = 22$.

Q549. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q550. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q551. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q552. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q553. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) CAT
- (C) DBU
- (D) ECV

Answer: C

Explanation: Shift each letter forward by one: CAT → DBU.

Q554. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) LIAR
- (B) SBJM
- (C) RAIL
- (D) TCKN

Answer: B

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q555. Find the next number: 5, 11, 17, 23, 29, ?

- (A) 35
- (B) 41
- (C) 29
- (D) 47

Answer: A

Explanation: The sequence increases by 6 each time, so the next number is $29 + 6 = 35$.

Q556. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) OCVJ
- (B) HTAM
- (C) MATH
- (D) NBUI

Answer: D

Explanation: Shift each letter forward by one: MATH → NBUI.

Q557. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q558. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) RAIL
- (B) TCKN
- (C) LIAR
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q559. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) BANK
- (B) KNAB
- (C) CBOL
- (D) DCPM

Answer: C

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q560. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q561. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q562. A person walks 9 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 11.49
- (B) 9.49
- (C) 12
- (D) 6

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 3^2} = 9.49$ km.

Q563. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q564. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) RAIL
- (B) TCKN
- (C) LIAR
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q565. A person walks 5 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 15
- (B) 13.18
- (C) 11.18
- (D) 5

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 10^2} = 11.18$ km.

Q566. A person walks 10 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 17
- (B) 12.21
- (C) 3
- (D) 14.21

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 7^2} = 12.21$ km.

Q567. Find the next number: 4, 8, 12, 16, 20, ?

- (A) 28
- (B) 32
- (C) 20
- (D) 24

Answer: D

Explanation: The sequence increases by 4 each time, so the next number is $20 + 4 = 24$.

Q568. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) HTAM
- (B) NBUI
- (C) MATH
- (D) OCVJ

Answer: B

Explanation: Shift each letter forward by one: MATH → NBUI.

Q569. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q570. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) LIAR
- (C) RAIL
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q571. A person walks 5 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 9
- (B) 6.4
- (C) 8.4
- (D) 1

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 4^2} = 6.4$ km.

Q572. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q573. A person walks 5 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 9.81
- (B) 1
- (C) 7.81
- (D) 11

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 6^2} = 7.81$ km.

Q574. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) HTAM
- (B) NBUI
- (C) MATH
- (D) OCVJ

Answer: B

Explanation: Shift each letter forward by one: MATH → NBUI.

Q575. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q576. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 6.4
- (B) 9
- (C) 8.4
- (D) 1

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 5^2} = 6.4$ km.

Q577. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q578. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) DOG
- (B) EPH
- (C) FQI
- (D) GOD

Answer: B

Explanation: Shift each letter forward by one: DOG → EPH.

Q579. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 12.63
- (B) 10.63
- (C) 1
- (D) 15

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q580. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) DOG
- (B) FQI
- (C) GOD
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG → EPH.

Q581. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q582. A person walks 7 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 3
- (B) 14.21
- (C) 12.21
- (D) 17

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 10^2} = 12.21$ km.

Q583. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) DCPM
- (C) KNAB
- (D) BANK

Answer: A

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q584. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q585. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) LIAR
- (C) SBJM
- (D) RAIL

Answer: C

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q586. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q587. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q588. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q589. Find the next number: 6, 9, 12, 15, 18, ?

- (A) 18
- (B) 24
- (C) 21
- (D) 27

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $18 + 3 = 21$.

Q590. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q591. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q592. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q593. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) MATH
- (B) HTAM
- (C) OCVJ
- (D) NBUI

Answer: D

Explanation: Shift each letter forward by one: MATH $\rightarrow$ NBUI.

Q594. A person walks 8 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 12.81
- (B) 18
- (C) 14.81
- (D) 2

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 10^2} = 12.81$ km.

Q595. Find the next number: 16, 25, 34, 43, 52, ?

- (A) 61
- (B) 79
- (C) 70
- (D) 52

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $52 + 9 = 61$.

Q596. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q597. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) ECV
- (C) DBU
- (D) CAT

Answer: C

Explanation: Shift each letter forward by one: CAT → DBU.

Q598. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q599. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) SBJM
- (C) LIAR
- (D) RAIL

Answer: B

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q600. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q601. A person walks 8 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 16
- (B) 0
- (C) 11.31
- (D) 13.31

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 8^2} = 11.31$ km.

Q602. A person walks 4 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 3
- (C) 8.06
- (D) 10.06

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 7^2} = 8.06$ km.

Q603. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q604. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) KNAB
- (B) CBOL
- (C) DCPM
- (D) BANK

Answer: B

Explanation: Shift each letter forward by one: BANK → CBOL.

Q605. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) NBUI
- (B) MATH
- (C) HTAM
- (D) OCVJ

Answer: A

Explanation: Shift each letter forward by one: MATH → NBUI.

Q606. Find the next number: 16, 21, 26, 31, 36, ?

- (A) 46
- (B) 36
- (C) 41
- (D) 51

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $36 + 5 = 41$.

Q607. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) OCVJ
- (B) MATH
- (C) NBUI
- (D) HTAM

Answer: C

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q608. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) EPH
- (B) GOD
- (C) DOG
- (D) FQI

Answer: A

Explanation: Shift each letter forward by one: DOG -> EPH.

Q609. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) FQI
- (B) DOG
- (C) GOD
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG -> EPH.

Q610. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q611. Find the next number: 12, 14, 16, 18, 20, ?

- (A) 26
- (B) 22
- (C) 20
- (D) 24

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $20 + 2 = 22$.

Q612. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q613. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 9
- (B) 8.4
- (C) 1
- (D) 6.4

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 5^2} = 6.4$ km.

Q614. Find the next number: 8, 15, 22, 29, 36, ?

- (A) 43
- (B) 50
- (C) 36
- (D) 57

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $36 + 7 = 43$.

Q615. Find the next number: 7, 11, 15, 19, 23, ?

- (A) 31
- (B) 27
- (C) 35
- (D) 23

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $23 + 4 = 27$.

Q616. A person walks 3 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 8.71
- (B) 3
- (C) 9
- (D) 6.71

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 6^2} = 6.71$ km.

Q617. A person walks 4 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 10
- (B) 7.21
- (C) 2
- (D) 9.21

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 6^2} = 7.21$ km.

Q618. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

- (A) DPEF
- (B) CODE
- (C) EDOC
- (D) EQFG

Answer: A

Explanation: Shift each letter forward by one: CODE → DPEF.

Q619. A person walks 10 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 18
- (C) 12.81
- (D) 14.81

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 8^2} = 12.81$ km.

Q620. A person walks 8 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 5
- (B) 11
- (C) 8.54
- (D) 10.54

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 3^2} = 8.54$ km.

Q621. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q622. Find the next number: 11, 20, 29, 38, 47, ?

- (A) 74
- (B) 47
- (C) 65
- (D) 56

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $47 + 9 = 56$.

Q623. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q624. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q625. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) HTAM
- (B) OCVJ
- (C) NBUI
- (D) MATH

Answer: C

Explanation: Shift each letter forward by one: MATH → NBUI.

Q626. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 15
- (B) 12.82
- (C) 10.82
- (D) 3

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 9^2} = 10.82$ km.

Q627. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q628. A person walks 3 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 6
- (B) 9.49
- (C) 11.49
- (D) 12

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 9^2} = 9.49$ km.

Q629. Find the next number: 4, 11, 18, 25, 32, ?

- (A) 46
- (B) 39
- (C) 53
- (D) 32

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $32 + 7 = 39$.

Q630. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q631. Find the next number: 3, 6, 9, 12, 15, ?

- (A) 15
- (B) 21
- (C) 24
- (D) 18

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $15 + 3 = 18$.

Q632. Find the next number: 2, 6, 10, 14, 18, ?

- (A) 22
- (B) 26
- (C) 18
- (D) 30

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $18 + 4 = 22$.

Q633. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) ECV
- (B) TAC
- (C) CAT
- (D) DBU

Answer: D

Explanation: Shift each letter forward by one: CAT → DBU.

Q634. Find the next number: 20, 29, 38, 47, 56, ?

- (A) 83
- (B) 74
- (C) 56
- (D) 65

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $56 + 9 = 65$.

Q635. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q636. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) TAC
- (B) ECV
- (C) CAT
- (D) DBU

Answer: D

Explanation: Shift each letter forward by one: CAT → DBU.

Q637. Find the next number: 14, 20, 26, 32, 38, ?

- (A) 44
- (B) 38
- (C) 50
- (D) 56

Answer: A

Explanation: The sequence increases by 6 each time, so the next number is $38 + 6 = 44$.

Q638. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q639. A person walks 5 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 11.43
- (B) 3
- (C) 13
- (D) 9.43

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 8^2} = 9.43$ km.

Q640. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q641. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q642. A person walks 3 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 6.71
- (B) 3
- (C) 8.71
- (D) 9

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 6^2} = 6.71$ km.

Q643. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

- (A) EDOC
- (B) EQFG
- (C) CODE
- (D) DPEF

Answer: D

Explanation: Shift each letter forward by one: CODE → DPEF.

Q644. A person walks 9 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 12
- (B) 6
- (C) 9.49
- (D) 11.49

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 3^2} = 9.49$ km.

Q645. Find the next number: 4, 12, 20, 28, 36, ?

- (A) 44
- (B) 60
- (C) 36
- (D) 52

Answer: A

Explanation: The sequence increases by 8 each time, so the next number is $36 + 8 = 44$.

Q646. A person walks 7 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 8.06
- (C) 10.06
- (D) 3

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 4^2} = 8.06$ km.

Q647. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) ECV
- (B) CAT
- (C) DBU
- (D) TAC

Answer: C

Explanation: Shift each letter forward by one: CAT → DBU.

Q648. A person walks 6 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 12.0
- (B) 14
- (C) 10.0
- (D) 2

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 8^2} = 10.0$ km.

Q649. Find the next number: 2, 6, 10, 14, 18, ?

- (A) 22
- (B) 18
- (C) 26
- (D) 30

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $18 + 4 = 22$.

Q650. Find the next number: 19, 26, 33, 40, 47, ?

- (A) 61
- (B) 54
- (C) 68
- (D) 47

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $47 + 7 = 54$.

Q651. A person walks 5 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 9.81
- (B) 11
- (C) 7.81
- (D) 1

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 6^2} = 7.81$ km.

Q652. Find the next number: 15, 23, 31, 39, 47, ?

- (A) 63
- (B) 47
- (C) 55
- (D) 71

Answer: C

Explanation: The sequence increases by 8 each time, so the next number is $47 + 8 = 55$.

Q653. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q654. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) GOD
- (B) EPH
- (C) FQI
- (D) DOG

Answer: B

Explanation: Shift each letter forward by one: DOG $\rightarrow$ EPH.

Q655. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) LIAR
- (B) TCKN
- (C) SBJM
- (D) RAIL

Answer: C

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q656. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

- (A) EQFG
- (B) CODE
- (C) DPEF
- (D) EDOC

Answer: C

Explanation: Shift each letter forward by one: CODE -> DPEF.

Q657. Find the next number: 3, 12, 21, 30, 39, ?

- (A) 48
- (B) 39
- (C) 66
- (D) 57

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $39 + 9 = 48$.

Q658. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q659. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) NBUI
- (B) MATH
- (C) HTAM
- (D) OCVJ

Answer: A

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q660. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q661. Find the next number: 20, 25, 30, 35, 40, ?

- (A) 45
- (B) 50
- (C) 55
- (D) 40

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $40 + 5 = 45$.

Q662. Find the next number: 3, 11, 19, 27, 35, ?

- (A) 43
- (B) 51
- (C) 59
- (D) 35

Answer: A

Explanation: The sequence increases by 8 each time, so the next number is $35 + 8 = 43$.

Q663. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q664. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 13.45
- (B) 15.45
- (C) 1
- (D) 19

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 10^2} = 13.45$ km.

Q665. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q666. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 15
- (B) 12.63
- (C) 1
- (D) 10.63

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q667. Find the next number: 17, 22, 27, 32, 37, ?

- (A) 47
- (B) 52
- (C) 42
- (D) 37

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $37 + 5 = 42$.

Q668. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q669. Find the next number: 2, 7, 12, 17, 22, ?

- (A) 32
- (B) 37
- (C) 22
- (D) 27

Answer: D

Explanation: The sequence increases by 5 each time, so the next number is $22 + 5 = 27$.

Q670. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q671. Choose the odd one out.

- (A) Delhi
- (B) Mumbai
- (C) Chennai
- (D) Nile

Answer: D

Explanation: The first three are Indian cities; Nile is a river.

Q672. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q673. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) MATH
- (B) HTAM
- (C) OCVJ
- (D) NBUI

Answer: D

Explanation: Shift each letter forward by one: MATH → NBUI.

Q674. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) SBJM
- (B) TCKN
- (C) RAIL
- (D) LIAR

Answer: A

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q675. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q676. A person walks 5 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 5.83
- (C) 8
- (D) 7.83

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 3^2} = 5.83$ km.

Q677. A person walks 10 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 16.14
- (B) 20
- (C) 14.14
- (D) 0

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 10^2} = 14.14$ km.

Q678. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q679. Find the next number: 19, 27, 35, 43, 51, ?

- (A) 75
- (B) 51
- (C) 67
- (D) 59

Answer: D

Explanation: The sequence increases by 8 each time, so the next number is $51 + 8 = 59$.

Q680. Find the next number: 14, 22, 30, 38, 46, ?

- (A) 70
- (B) 62
- (C) 46
- (D) 54

Answer: D

Explanation: The sequence increases by 8 each time, so the next number is $46 + 8 = 54$.

Q681. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) RAIL
- (C) LIAR
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q682. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q683. A person walks 10 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 12.81
- (B) 2
- (C) 18
- (D) 14.81

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 8^2} = 12.81$ km.

Q684. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) EPH
- (B) GOD
- (C) DOG
- (D) FQI

Answer: A

Explanation: Shift each letter forward by one: DOG → EPH.

Q685. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q686. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q687. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) RAIL
- (C) LIAR
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q688. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) DOG
- (B) FQI
- (C) EPH
- (D) GOD

Answer: C

Explanation: Shift each letter forward by one: DOG -> EPH.

Q689. Find the next number: 16, 20, 24, 28, 32, ?

- (A) 32
- (B) 44
- (C) 36
- (D) 40

Answer: C

Explanation: The sequence increases by 4 each time, so the next number is $32 + 4 = 36$.

Q690. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q691. Find the next number: 6, 13, 20, 27, 34, ?

- (A) 48
- (B) 34
- (C) 41
- (D) 55

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $34 + 7 = 41$.

Q692. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) OCVJ
- (B) NBUI
- (C) HTAM
- (D) MATH

Answer: B

Explanation: Shift each letter forward by one: MATH → NBUI.

Q693. Find the next number: 13, 19, 25, 31, 37, ?

- (A) 49
- (B) 43
- (C) 37
- (D) 55

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $37 + 6 = 43$.

Q694. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: B

Explanation: The wild animals need not be cats.

Q695. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q696. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q697. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) DBU
- (B) CAT
- (C) TAC
- (D) ECV

Answer: A

Explanation: Shift each letter forward by one: CAT -> DBU.

Q698. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q699. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

- (A) OCVJ
- (B) NBUI
- (C) HTAM
- (D) MATH

Answer: B

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q700. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q701. Find the next number: 6, 15, 24, 33, 42, ?

- (A) 69
- (B) 42
- (C) 60
- (D) 51

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $42 + 9 = 51$.

Q702. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 10.82
- (B) 12.82
- (C) 15
- (D) 3

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 9^2} = 10.82$ km.

Q703. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q704. Choose the odd one out.

- (A) Apple
- (B) Banana
- (C) Mango
- (D) Carrot

Answer: D

Explanation: The first three are fruits; carrot is a vegetable.

Q705. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) GOD
- (B) DOG
- (C) FQI
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG → EPH.

Q706. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q707. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) ECV
- (B) DBU
- (C) CAT
- (D) TAC

Answer: B

Explanation: Shift each letter forward by one: CAT → DBU.

Q708. A person walks 8 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 1
- (B) 12.04
- (C) 17
- (D) 14.04

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 9^2} = 12.04$ km.

Q709. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q710. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q711. A person walks 9 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 0
- (B) 18
- (C) 14.73
- (D) 12.73

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 9^2} = 12.73$ km.

Q712. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q713. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q714. A person walks 10 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 10.77
- (B) 6
- (C) 14
- (D) 12.77

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 4^2} = 10.77$ km.

Q715. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q716. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q717. Find the next number: 20, 24, 28, 32, 36, ?

- (A) 44
- (B) 36
- (C) 40
- (D) 48

Answer: C

Explanation: The sequence increases by 4 each time, so the next number is $36 + 4 = 40$.

Q718. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q719. Choose the odd one out.

- (A) Square
- (B) Triangle
- (C) Circle
- (D) Cube

Answer: D

Explanation: The first three are two-dimensional figures; cube is three-dimensional.

Q720. Find the next number: 2, 8, 14, 20, 26, ?

- (A) 32
- (B) 38
- (C) 26
- (D) 44

Answer: A

Explanation: The sequence increases by 6 each time, so the next number is $26 + 6 = 32$.

Q721. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q722. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 6.4
- (B) 8.4
- (C) 9
- (D) 1

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 5^2} = 6.4$ km.

Q723. Find the next number: 10, 14, 18, 22, 26, ?

- (A) 34
- (B) 26
- (C) 30
- (D) 38

Answer: C

Explanation: The sequence increases by 4 each time, so the next number is $26 + 4 = 30$.

Q724. A person walks 4 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 7.21
- (B) 2
- (C) 9.21
- (D) 10

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 6^2} = 7.21$ km.

Q725. Find the next number: 14, 16, 18, 20, 22, ?

- (A) 22
- (B) 28
- (C) 24
- (D) 26

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $22 + 2 = 24$.

Q726. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) DBU
- (B) CAT
- (C) TAC
- (D) ECV

Answer: A

Explanation: Shift each letter forward by one: CAT → DBU.

Q727. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q728. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q729. A person walks 5 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 4
- (B) 12.3
- (C) 10.3
- (D) 14

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 9^2} = 10.3$ km.

Q730. Find the next number: 10, 19, 28, 37, 46, ?

- (A) 46
- (B) 73
- (C) 55
- (D) 64

Answer: C

Explanation: The sequence increases by 9 each time, so the next number is $46 + 9 = 55$.

Q731. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q732. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) DOG
- (B) EPH
- (C) FQI
- (D) GOD

Answer: B

Explanation: Shift each letter forward by one: DOG → EPH.

Q733. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) KNAB
- (B) DCPM
- (C) CBOL
- (D) BANK

Answer: C

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q734. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

- (A) ECV
- (B) CAT
- (C) DBU
- (D) TAC

Answer: C

Explanation: Shift each letter forward by one: CAT -> DBU.

Q735. A person walks 4 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 5
- (B) 11.85
- (C) 9.85
- (D) 13

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 9^2} = 9.85$ km.

Q736. Find the next number: 13, 20, 27, 34, 41, ?

- (A) 41
- (B) 55
- (C) 62
- (D) 48

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $41 + 7 = 48$.

Q737. A person walks 9 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 14.04
- (B) 17
- (C) 1
- (D) 12.04

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 8^2} = 12.04$ km.

Q738. Find the next number: 18, 25, 32, 39, 46, ?

- (A) 67
- (B) 46
- (C) 60
- (D) 53

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $46 + 7 = 53$.

Q739. Choose the odd one out.

- (A) January
- (B) March
- (C) May
- (D) Monday

Answer: D

Explanation: The first three are months; Monday is a day of the week.

Q740. Statements: Some books are red. All red things are bright. Conclusion: Some books are bright.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: The red books are bright, so some books are bright.

Q741. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) DCPM
- (C) KNAB
- (D) BANK

Answer: A

Explanation: Shift each letter forward by one: BANK → CBOL.

Q742. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q743. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 3
- (B) 15
- (C) 10.82
- (D) 12.82

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 9^2} = 10.82$ km.

Q744. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) LIAR
- (C) RAIL
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q745. Find the next number: 12, 20, 28, 36, 44, ?

- (A) 68
- (B) 44
- (C) 52
- (D) 60

Answer: C

Explanation: The sequence increases by 8 each time, so the next number is $44 + 8 = 52$.

Q746. Find the next number: 13, 18, 23, 28, 33, ?

- (A) 48
- (B) 38
- (C) 33
- (D) 43

Answer: B

Explanation: The sequence increases by 5 each time, so the next number is $33 + 5 = 38$.

Q747. A person walks 7 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 3
- (C) 8.06
- (D) 10.06

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 4^2} = 8.06$ km.

Q748. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

- (A) Follows
- (B) Does not follow
- (C) Both follow
- (D) Cannot be determined

Answer: A

Explanation: This follows directly by transitivity.

Q749. Choose the odd one out.

- (A) Copper
- (B) Iron
- (C) Silver
- (D) Plastic

Answer: D

Explanation: The first three are metals; plastic is not a metal.

Q750. A person walks 6 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 8.49
- (B) 0
- (C) 12
- (D) 10.49

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 6^2} = 8.49$ km.

Quantitative Aptitude

Q751. What is 75% of 300?

- (A) 225
- (B) 255.0
- (C) 240.0
- (D) 210.0

Answer: A

Explanation: $75\% \text{ of } 300 = (75/100) \times 300 = 225.$

Q752. Find the simple interest on Rs. 5000 at 8% per annum for 4 years.

- (A) 400
- (B) 2100
- (C) 1600
- (D) 1100

Answer: C

Explanation: $SI = PRT/100 = 5000 \times 8 \times 4/100 = \text{Rs. } 1600.$

Q753. Find the simple interest on Rs. 4000 at 10% per annum for 4 years.

- (A) 400
- (B) 1600
- (C) 1200
- (D) 2000

Answer: B

Explanation: $SI = PRT/100 = 4000 \times 10 \times 4/100 = \text{Rs. } 1600.$

Q754. Two quantities are in the ratio 2:3. If their total is 90, what is the first quantity?

- (A) 90
- (B) 54
- (C) 18
- (D) 36

Answer: D

Explanation: Total parts = 5. One part = $90/5 = 18$; first quantity = $2 \times 18 = 36.$

Q755. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 240
- (B) 270.0
- (C) 15.0
- (D) 64

Answer: A

Explanation: Distance = speed $\times$ time = $60 \times 4 = 240 \text{ km}.$

Q756. A vehicle travels at 45 km/h for 3 hours. What distance does it cover?

- (A) 135
- (B) 157.5
- (C) 48
- (D) 15.0

Answer: A

Explanation: Distance = speed $\times$ time = $45 \times 3 = 135 \text{ km}.$

Q757. Find the simple interest on Rs. 1500 at 5% per annum for 4 years.

- (A) 150
- (B) 300
- (C) 75
- (D) 450

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1500 \times 5 \times 4}{100} = \text{Rs. } 300.$

Q758. Two quantities are in the ratio 7:9. If their total is 144, what is the first quantity?

- (A) 144
- (B) 81
- (C) 18
- (D) 63

Answer: D

Explanation: Total parts = 16. One part = $144/16 = 9$; first quantity = $7 \times 9 = 63.$

Q759. A vehicle travels at 30 km/h for 3.5 hours. What distance does it cover?

- (A) 8.57
- (B) 120.0
- (C) 105
- (D) 33.5

Answer: C

Explanation: Distance = speed $\times$ time = $30 \times 3.5 = 105 \text{ km}.$

Q760. Find the average of 71, 68, 29, 31, 44.

- (A) 48.6
- (B) 60.8
- (C) 46.6
- (D) 50.6

Answer: A

Explanation: Average = sum / count = $243/5 = 48.6.$

Q761. An item costs Rs. 500. At a profit of 30%, what is the selling price?

- (A) 530
- (B) 650
- (C) 560
- (D) 350.0

Answer: B

Explanation: Selling price = $500 \times (1 + 30/100) = \text{Rs. } 650.$

Q762. What is 30% of 600?

- (A) 180
- (B) 210.0
- (C) 240.0
- (D) 150.0

Answer: A

Explanation: 30% of 600 = $(30/100) \times 600 = 180.$

Q763. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

- (A) 12.0
- (B) 32.5
- (C) 90.0
- (D) 75

Answer: D

Explanation: Distance = speed x time = $30 \times 2.5 = 75$ km.

Q764. What is 12.5% of 500?

- (A) 87.5
- (B) 62.5
- (C) 37.5
- (D) 112.5

Answer: B

Explanation: 12.5% of 500 = $(12.5/100) \times 500 = 62.5$.

Q765. Find the average of 77, 31, 68, 48, 45.

- (A) 51.8
- (B) 53.8
- (C) 67.2
- (D) 55.8

Answer: B

Explanation: Average = sum / count = $269/5 = 53.8$.

Q766. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 52
- (B) 100
- (C) 25.0
- (D) 125.0

Answer: B

Explanation: Distance = speed x time = $50 \times 2 = 100$ km.

Q767. Find the average of 30, 60, 41, 77, 67.

- (A) 53
- (B) 57
- (C) 55
- (D) 68.8

Answer: C

Explanation: Average = sum / count = $275/5 = 55$.

Q768. Find the simple interest on Rs. 2500 at 12% per annum for 3 years.

- (A) 650
- (B) 900
- (C) 300
- (D) 1150

Answer: B

Explanation: SI = $PRT/100 = 2500 \times 12 \times 3/100 = \text{Rs. } 900$.

Q769. Two quantities are in the ratio 7:9. If their total is 224, what is the first quantity?

- (A) 224
- (B) 28
- (C) 126
- (D) 98

Answer: D

Explanation: Total parts = 16. One part = $224/16 = 14$; first quantity = $7 \times 14 = 98$.

Q770. Find the simple interest on Rs. 1200 at 5% per annum for 2 years.

- (A) 1
- (B) 60
- (C) 240
- (D) 120

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 5 \times 2}{100} = \text{Rs. } 120$.

Q771. What is 75% of 150?

- (A) 120.0
- (B) 112.5
- (C) 127.5
- (D) 105.0

Answer: B

Explanation: $75\% \text{ of } 150 = \frac{75}{100} \times 150 = 112.5$.

Q772. Find the average of 29, 60, 78, 12, 20.

- (A) 49.8
- (B) 37.8
- (C) 39.8
- (D) 41.8

Answer: C

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{199}{5} = 39.8$.

Q773. Find the average of 32, 12, 26, 13, 25.

- (A) 19.6
- (B) 23.6
- (C) 27.0
- (D) 21.6

Answer: D

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{108}{5} = 21.6$.

Q774. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 13.5
- (B) 58
- (C) 216
- (D) 243.0

Answer: C

Explanation: Distance = speed $\times$ time = $54 \times 4 = 216$ km.

Q775. A can finish a work in 8 days and B in 30 days. In how many days can they finish it together?

- (A) 10.91
- (B) 19.0
- (C) 6.32
- (D) 22

Answer: C

Explanation: Combined rate = $1/8 + 1/30 = (38)/240$; time = $240/38 = 6.32$ days.

Q776. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 24.0
- (B) 216
- (C) 75
- (D) 252.0

Answer: B

Explanation: Distance = speed x time = $72 \times 3 = 216$ km.

Q777. Find the average of 40, 51, 79, 50, 75.

- (A) 73.8
- (B) 59
- (C) 57
- (D) 61

Answer: B

Explanation: Average = sum / count = $295/5 = 59$.

Q778. A can finish a work in 8 days and B in 12 days. In how many days can they finish it together?

- (A) 4
- (B) 24.0
- (C) 4.8
- (D) 10.0

Answer: C

Explanation: Combined rate = $1/8 + 1/12 = (20)/96$; time = $96/20 = 4.8$ days.

Q779. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 39
- (B) 52
- (C) 13
- (D) 91

Answer: A

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q780. What is 12.5% of 180?

- (A) 22.5
- (B) 13.5
- (C) 40.5
- (D) 31.5

Answer: A

Explanation: 12.5% of 180 = $(12.5/100) \times 180 = 22.5$.

Q781. What is 60% of 250?

- (A) 150
- (B) 162.5
- (C) 137.5
- (D) 175.0

Answer: A

Explanation: $60\% \text{ of } 250 = (60/100) \times 250 = 150$.

Q782. Two quantities are in the ratio 4:5. If their total is 117, what is the first quantity?

- (A) 52
- (B) 13
- (C) 65
- (D) 117

Answer: A

Explanation: Total parts = 9. One part = $117/9 = 13$; first quantity = $4 \times 13 = 52$.

Q783. What is 50% of 300?

- (A) 180.0
- (B) 135.0
- (C) 150
- (D) 165.0

Answer: C

Explanation: $50\% \text{ of } 300 = (50/100) \times 300 = 150$.

Q784. Two quantities are in the ratio 4:5. If their total is 54, what is the first quantity?

- (A) 6
- (B) 30
- (C) 24
- (D) 54

Answer: C

Explanation: Total parts = 9. One part = $54/9 = 6$; first quantity = $4 \times 6 = 24$.

Q785. Find the simple interest on Rs. 1000 at 12% per annum for 4 years.

- (A) 380
- (B) 120
- (C) 580
- (D) 480

Answer: D

Explanation: $SI = PRT/100 = 1000 \times 12 \times 4/100 = \text{Rs. } 480$.

Q786. Find the average of 49, 69, 56, 19, 31.

- (A) 44.8
- (B) 42.8
- (C) 56.0
- (D) 46.8

Answer: A

Explanation: Average = sum / count = $224/5 = 44.8$.

Q787. Find the average of 10, 51, 54, 27, 35.

- (A) 37.4
- (B) 33.4
- (C) 35.4
- (D) 44.2

Answer: C

Explanation: Average = sum / count = $177/5 = 35.4$.

Q788. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

- (A) 14.29
- (B) 53.5
- (C) 175
- (D) 200.0

Answer: C

Explanation: Distance = speed x time = $50 \times 3.5 = 175$ km.

Q789. Find the simple interest on Rs. 1200 at 8% per annum for 4 years.

- (A) 96
- (B) 504
- (C) 384
- (D) 264

Answer: C

Explanation: SI = $PRT/100 = 1200 \times 8 \times 4/100 = \text{Rs. } 384$.

Q790. Find the average of 75, 13, 44, 33, 62.

- (A) 43.4
- (B) 45.4
- (C) 47.4
- (D) 56.8

Answer: B

Explanation: Average = sum / count = $227/5 = 45.4$.

Q791. Find the average of 71, 39, 15, 50, 31.

- (A) 43.2
- (B) 41.2
- (C) 39.2
- (D) 51.5

Answer: B

Explanation: Average = sum / count = $206/5 = 41.2$.

Q792. What is 15% of 450?

- (A) 67.5
- (B) 112.5
- (C) 90.0
- (D) 45.0

Answer: A

Explanation: 15% of 450 = $(15/100) \times 450 = 67.5$.

Q793. Find the average of 26, 50, 79, 33, 47.

- (A) 58.8
- (B) 45
- (C) 47
- (D) 49

Answer: C

Explanation: Average = sum / count = $235/5 = 47$.

Q794. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

- (A) 20.0
- (B) 20
- (C) 7.5
- (D) 15.0

Answer: C

Explanation: Combined rate = $1/10 + 1/30 = (40)/300$; time = $300/40 = 7.5$ days.

Q795. Two quantities are in the ratio 7:9. If their total is 240, what is the first quantity?

- (A) 30
- (B) 135
- (C) 240
- (D) 105

Answer: D

Explanation: Total parts = 16. One part = $240/16 = 15$; first quantity = $7 \times 15 = 105$.

Q796. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 270.0
- (B) 15.0
- (C) 64
- (D) 240

Answer: D

Explanation: Distance = speed x time = $60 \times 4 = 240$ km.

Q797. A vehicle travels at 40 km/h for 3.5 hours. What distance does it cover?

- (A) 140
- (B) 160.0
- (C) 11.43
- (D) 43.5

Answer: A

Explanation: Distance = speed x time = $40 \times 3.5 = 140$ km.

Q798. An item costs Rs. 800. At a profit of 25%, what is the selling price?

- (A) 850
- (B) 1000
- (C) 600.0
- (D) 825

Answer: B

Explanation: Selling price = $800 \times (1 + 25/100) = \text{Rs. } 1000$.

Q799. What is 75% of 360?

- (A) 252.0
- (B) 306.0
- (C) 270
- (D) 288.0

Answer: C

Explanation: $75\% \text{ of } 360 = (75/100) \times 360 = 270$.

Q800. What is 10% of 300?

- (A) 45.0
- (B) 60.0
- (C) 30
- (D) 15.0

Answer: C

Explanation: $10\% \text{ of } 300 = (10/100) \times 300 = 30$.

Q801. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 100
- (B) 125.0
- (C) 52
- (D) 25.0

Answer: A

Explanation: Distance = speed $\times$ time = $50 \times 2 = 100$ km.

Q802. What is 15% of 120?

- (A) 30.0
- (B) 18
- (C) 12.0
- (D) 24.0

Answer: B

Explanation: $15\% \text{ of } 120 = (15/100) \times 120 = 18$.

Q803. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

- (A) 20.0
- (B) 125
- (C) 52.5
- (D) 150.0

Answer: B

Explanation: Distance = speed $\times$ time = $50 \times 2.5 = 125$ km.

Q804. Find the simple interest on Rs. 1200 at 8% per annum for 4 years.

- (A) 264
- (B) 504
- (C) 384
- (D) 96

Answer: C

Explanation: $SI = PRT/100 = 1200 \times 8 \times 4/100 = \text{Rs. } 384$.

Q805. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 8.57
- (B) 14
- (C) 4.62
- (D) 13.0

Answer: C

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q806. Find the average of 15, 39, 16, 39, 66.

- (A) 33
- (B) 35
- (C) 43.8
- (D) 37

Answer: B

Explanation: Average = sum / count = $175/5 = 35$.

Q807. What is 15% of 180?

- (A) 36.0
- (B) 18.0
- (C) 27
- (D) 45.0

Answer: C

Explanation: 15% of 180 = $(15/100) \times 180 = 27$.

Q808. What is 35% of 120?

- (A) 54.0
- (B) 42
- (C) 36.0
- (D) 48.0

Answer: B

Explanation: 35% of 120 = $(35/100) \times 120 = 42$.

Q809. Two quantities are in the ratio 7:9. If their total is 144, what is the first quantity?

- (A) 18
- (B) 63
- (C) 81
- (D) 144

Answer: B

Explanation: Total parts = 16. One part = $144/16 = 9$; first quantity = $7 \times 9 = 63$.

Q810. Find the average of 12, 34, 12, 43, 13.

- (A) 22.8
- (B) 28.5
- (C) 24.8
- (D) 20.8

Answer: A

Explanation: Average = sum / count = $114/5 = 22.8$.

Q811. Find the simple interest on Rs. 4000 at 8% per annum for 2 years.

- (A) 640
- (B) 240
- (C) 1040
- (D) 320

Answer: A

Explanation: $SI = \frac{PRT}{100} = 4000 \times 8 \times 2/100 = \text{Rs. } 640.$

Q812. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 2
- (B) 360.0
- (C) 19.0
- (D) 9.47

Answer: D

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{18} = \frac{38}{360}$; time = $360/38 = 9.47$ days.

Q813. An item costs Rs. 240. At a profit of 12%, what is the selling price?

- (A) 264
- (B) 268.8
- (C) 252
- (D) 211.2

Answer: B

Explanation: Selling price = $240 \times (1 + 12/100) = \text{Rs. } 268.8.$

Q814. Find the average of 34, 39, 58, 35, 43.

- (A) 39.8
- (B) 52.2
- (C) 41.8
- (D) 43.8

Answer: C

Explanation: Average = sum / count = $209/5 = 41.8.$

Q815. Two quantities are in the ratio 2:3. If their total is 70, what is the first quantity?

- (A) 14
- (B) 70
- (C) 28
- (D) 42

Answer: C

Explanation: Total parts = 5. One part = $70/5 = 14$; first quantity = $2 \times 14 = 28.$

Q816. Two quantities are in the ratio 2:3. If their total is 70, what is the first quantity?

- (A) 14
- (B) 42
- (C) 28
- (D) 70

Answer: C

Explanation: Total parts = 5. One part = $70/5 = 14$; first quantity = $2 \times 14 = 28.$

Q817. Two quantities are in the ratio 3:4. If their total is 126, what is the first quantity?

- (A) 72
- (B) 126
- (C) 54
- (D) 18

Answer: C

Explanation: Total parts = 7. One part = $126/7 = 18$; first quantity = $3 \times 18 = 54$.

Q818. An item costs Rs. 300. At a profit of 12%, what is the selling price?

- (A) 324
- (B) 336
- (C) 312
- (D) 264.0

Answer: B

Explanation: Selling price = $300 \times (1 + 12/100) = \text{Rs. } 336$.

Q819. A can finish a work in 20 days and B in 24 days. In how many days can they finish it together?

- (A) 4
- (B) 120.0
- (C) 22.0
- (D) 10.91

Answer: D

Explanation: Combined rate = $1/20 + 1/24 = (44)/480$; time = $480/44 = 10.91$ days.

Q820. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 45
- (B) 25
- (C) 20
- (D) 5

Answer: C

Explanation: Total parts = 9. One part = $45/9 = 5$; first quantity = $4 \times 5 = 20$.

Q821. Find the simple interest on Rs. 1200 at 8% per annum for 2 years.

- (A) 96
- (B) 312
- (C) 72
- (D) 192

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 8 \times 2/100 = \text{Rs. } 192$.

Q822. Two quantities are in the ratio 3:4. If their total is 98, what is the first quantity?

- (A) 56
- (B) 98
- (C) 14
- (D) 42

Answer: D

Explanation: Total parts = 7. One part = $98/7 = 14$; first quantity = $3 \times 14 = 42$.

Q823. An item costs Rs. 240. At a profit of 25%, what is the selling price?

- (A) 180.0
- (B) 265
- (C) 290
- (D) 300

Answer: D

Explanation: Selling price = $240 \times (1 + 25/100) = \text{Rs. } 300$.

Q824. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

- (A) 15
- (B) 22.5
- (C) 30.0
- (D) 10.0

Answer: D

Explanation: Combined rate = $1/15 + 1/30 = (45)/450$; time = $450/45 = 10.0$ days.

Q825. Find the average of 54, 23, 33, 72, 14.

- (A) 37.2
- (B) 49.0
- (C) 39.2
- (D) 41.2

Answer: C

Explanation: Average = sum / count = $196/5 = 39.2$.

Q826. Find the simple interest on Rs. 1200 at 12% per annum for 2 years.

- (A) 168
- (B) 288
- (C) 144
- (D) 408

Answer: B

Explanation: $SI = PRT/100 = 1200 \times 12 \times 2/100 = \text{Rs. } 288$.

Q827. What is 30% of 180?

- (A) 54
- (B) 63.0
- (C) 45.0
- (D) 72.0

Answer: A

Explanation: 30% of 180 = $(30/100) \times 180 = 54$.

Q828. What is 30% of 240?

- (A) 84.0
- (B) 72
- (C) 60.0
- (D) 96.0

Answer: B

Explanation: 30% of 240 = $(30/100) \times 240 = 72$.

Q829. An item costs Rs. 300. At a profit of 30%, what is the selling price?

- (A) 360
- (B) 330
- (C) 390
- (D) 210.0

Answer: C

Explanation: Selling price = $300 \times (1 + 30/100) = \text{Rs. } 390$.

Q830. An item costs Rs. 250. At a profit of 15%, what is the selling price?

- (A) 265
- (B) 287.5
- (C) 212.5
- (D) 280

Answer: B

Explanation: Selling price = $250 \times (1 + 15/100) = \text{Rs. } 287.5$.

Q831. An item costs Rs. 320. At a profit of 20%, what is the selling price?

- (A) 340
- (B) 384
- (C) 360
- (D) 256.0

Answer: B

Explanation: Selling price = $320 \times (1 + 20/100) = \text{Rs. } 384$.

Q832. Find the average of 13, 13, 67, 58, 52.

- (A) 50.8
- (B) 38.6
- (C) 40.6
- (D) 42.6

Answer: C

Explanation: Average = sum / count = $203/5 = 40.6$.

Q833. Two quantities are in the ratio 5:7. If their total is 84, what is the first quantity?

- (A) 35
- (B) 84
- (C) 14
- (D) 49

Answer: A

Explanation: Total parts = 12. One part = $84/12 = 7$; first quantity = $5 \times 7 = 35$.

Q834. What is 10% of 360?

- (A) 54.0
- (B) 18.0
- (C) 72.0
- (D) 36

Answer: D

Explanation: 10% of 360 = $(10/100) \times 360 = 36$.

Q835. A can finish a work in 18 days and B in 24 days. In how many days can they finish it together?

- (A) 6
- (B) 72.0
- (C) 21.0
- (D) 10.29

Answer: D

Explanation: Combined rate = $1/18 + 1/24 = (42)/432$; time = $432/42 = 10.29$ days.

Q836. What is 20% of 180?

- (A) 45.0
- (B) 27.0
- (C) 54.0
- (D) 36

Answer: D

Explanation: 20% of 180 = $(20/100) \times 180 = 36$.

Q837. Find the average of 50, 72, 60, 21, 80.

- (A) 58.6
- (B) 56.6
- (C) 70.8
- (D) 54.6

Answer: B

Explanation: Average = sum / count = $283/5 = 56.6$.

Q838. What is 50% of 200?

- (A) 100
- (B) 120.0
- (C) 110.0
- (D) 90.0

Answer: A

Explanation: 50% of 200 = $(50/100) \times 200 = 100$.

Q839. Two quantities are in the ratio 3:4. If their total is 49, what is the first quantity?

- (A) 49
- (B) 7
- (C) 28
- (D) 21

Answer: D

Explanation: Total parts = 7. One part = $49/7 = 7$; first quantity = $3 \times 7 = 21$.

Q840. What is 12.5% of 360?

- (A) 45
- (B) 63.0
- (C) 81.0
- (D) 27.0

Answer: A

Explanation: 12.5% of 360 = $(12.5/100) \times 360 = 45$.

Q841. An item costs Rs. 250. At a profit of 12%, what is the selling price?

- (A) 262
- (B) 220.0
- (C) 280
- (D) 274

Answer: C

Explanation: Selling price = $250 \times (1 + 12/100) = \text{Rs. } 280$.

Q842. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

- (A) 17.5
- (B) 60.0
- (C) 5
- (D) 8.57

Answer: D

Explanation: Combined rate = $1/15 + 1/20 = (35)/300$; time = $300/35 = 8.57$ days.

Q843. An item costs Rs. 250. At a profit of 25%, what is the selling price?

- (A) 275
- (B) 187.5
- (C) 300
- (D) 312.5

Answer: D

Explanation: Selling price = $250 \times (1 + 25/100) = \text{Rs. } 312.5$.

Q844. A vehicle travels at 60 km/h for 3 hours. What distance does it cover?

- (A) 180
- (B) 20.0
- (C) 63
- (D) 210.0

Answer: A

Explanation: Distance = speed $\times$ time = $60 \times 3 = 180$ km.

Q845. Find the average of 46, 67, 57, 64, 75.

- (A) 77.2
- (B) 63.8
- (C) 61.8
- (D) 59.8

Answer: C

Explanation: Average = sum / count = $309/5 = 61.8$.

Q846. A vehicle travels at 36 km/h for 3.5 hours. What distance does it cover?

- (A) 144.0
- (B) 126
- (C) 39.5
- (D) 10.29

Answer: B

Explanation: Distance = speed $\times$ time = $36 \times 3.5 = 126$ km.

Q847. Find the simple interest on Rs. 2000 at 5% per annum for 3 years.

- (A) 300
- (B) 500
- (C) 155
- (D) 100

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 5 \times 3}{100} = \text{Rs. } 300.$

Q848. What is 5% of 480?

- (A) 0
- (B) 72.0
- (C) 48.0
- (D) 24

Answer: D

Explanation: $5\% \text{ of } 480 = \left(\frac{5}{100}\right) \times 480 = 24.$

Q849. An item costs Rs. 250. At a profit of 15%, what is the selling price?

- (A) 265
- (B) 212.5
- (C) 287.5
- (D) 280

Answer: C

Explanation: $\text{Selling price} = 250 \times \left(1 + \frac{15}{100}\right) = \text{Rs. } 287.5.$

Q850. Two quantities are in the ratio 4:5. If their total is 63, what is the first quantity?

- (A) 7
- (B) 28
- (C) 35
- (D) 63

Answer: B

Explanation: Total parts = 9. One part = $\frac{63}{9} = 7$; first quantity = $4 \times 7 = 28.$

Q851. Find the average of 13, 65, 43, 33, 21.

- (A) 33
- (B) 37
- (C) 43.8
- (D) 35

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{175}{5} = 35.$

Q852. Find the simple interest on Rs. 2500 at 5% per annum for 3 years.

- (A) 375
- (B) 625
- (C) 662
- (D) 125

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 5 \times 3}{100} = \text{Rs. } 375.$

Q853. An item costs Rs. 600. At a profit of 10%, what is the selling price?

- (A) 540.0
- (B) 610
- (C) 660
- (D) 620

Answer: C

Explanation: Selling price = $600 \times (1 + 10/100) = \text{Rs. } 660$.

Q854. Two quantities are in the ratio 3:5. If their total is 40, what is the first quantity?

- (A) 40
- (B) 25
- (C) 10
- (D) 15

Answer: D

Explanation: Total parts = 8. One part = $40/8 = 5$; first quantity = $3 \times 5 = 15$.

Q855. Find the simple interest on Rs. 5000 at 8% per annum for 4 years.

- (A) 400
- (B) 2100
- (C) 1600
- (D) 1100

Answer: C

Explanation: $SI = \frac{PRT}{100} = 5000 \times 8 \times 4/100 = \text{Rs. } 1600$.

Q856. What is 10% of 180?

- (A) 9.0
- (B) 18
- (C) 27.0
- (D) 36.0

Answer: B

Explanation: 10% of 180 = $(10/100) \times 180 = 18$.

Q857. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 100
- (B) 52
- (C) 125.0
- (D) 25.0

Answer: A

Explanation: Distance = speed $\times$ time = $50 \times 2 = 100 \text{ km}$.

Q858. What is 12.5% of 450?

- (A) 101.25
- (B) 56.25
- (C) 33.75
- (D) 78.75

Answer: B

Explanation: 12.5% of 450 = $(12.5/100) \times 450 = 56.25$.

Q859. A can finish a work in 10 days and B in 12 days. In how many days can they finish it together?

- (A) 2
- (B) 60.0
- (C) 5.45
- (D) 11.0

Answer: C

Explanation: Combined rate = $1/10 + 1/12 = (22)/120$; time = $120/22 = 5.45$ days.

Q860. Two quantities are in the ratio 5:7. If their total is 84, what is the first quantity?

- (A) 49
- (B) 35
- (C) 14
- (D) 84

Answer: B

Explanation: Total parts = 12. One part = $84/12 = 7$; first quantity = $5 \times 7 = 35$.

Q861. Two quantities are in the ratio 5:7. If their total is 48, what is the first quantity?

- (A) 48
- (B) 20
- (C) 28
- (D) 8

Answer: B

Explanation: Total parts = 12. One part = $48/12 = 4$; first quantity = $5 \times 4 = 20$.

Q862. What is 40% of 800?

- (A) 320
- (B) 280.0
- (C) 400.0
- (D) 360.0

Answer: A

Explanation: 40% of 800 = $(40/100) \times 800 = 320$.

Q863. What is 35% of 750?

- (A) 337.5
- (B) 300.0
- (C) 262.5
- (D) 225.0

Answer: C

Explanation: 35% of 750 = $(35/100) \times 750 = 262.5$.

Q864. Find the simple interest on Rs. 2000 at 6% per annum for 4 years.

- (A) 680
- (B) 120
- (C) 280
- (D) 480

Answer: D

Explanation: SI = $PRT/100 = 2000 \times 6 \times 4/100 = \text{Rs. } 480$.

Q865. Two quantities are in the ratio 4:5. If their total is 63, what is the first quantity?

- (A) 7
- (B) 28
- (C) 63
- (D) 35

Answer: B

Explanation: Total parts = 9. One part = $63/9 = 7$; first quantity = $4 \times 7 = 28$.

Q866. What is 40% of 500?

- (A) 175.0
- (B) 250.0
- (C) 225.0
- (D) 200

Answer: D

Explanation: 40% of 500 = $(40/100) \times 500 = 200$.

Q867. A can finish a work in 12 days and B in 18 days. In how many days can they finish it together?

- (A) 36.0
- (B) 6
- (C) 7.2
- (D) 15.0

Answer: C

Explanation: Combined rate = $1/12 + 1/18 = (30)/216$; time = $216/30 = 7.2$ days.

Q868. What is 30% of 450?

- (A) 112.5
- (B) 157.5
- (C) 135
- (D) 180.0

Answer: C

Explanation: 30% of 450 = $(30/100) \times 450 = 135$.

Q869. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

- (A) 16.0
- (B) 120.0
- (C) 42.5
- (D) 100

Answer: D

Explanation: Distance = speed $\times$ time = $40 \times 2.5 = 100$ km.

Q870. Find the average of 41, 10, 50, 22, 63.

- (A) 35.2
- (B) 46.5
- (C) 39.2
- (D) 37.2

Answer: D

Explanation: Average = sum / count = $186/5 = 37.2$.

Q871. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

- (A) 189
- (B) 57.5
- (C) 216.0
- (D) 15.43

Answer: A

Explanation: Distance = speed x time = $54 \times 3.5 = 189$ km.

Q872. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

- (A) 20.0
- (B) 150.0
- (C) 52.5
- (D) 125

Answer: D

Explanation: Distance = speed x time = $50 \times 2.5 = 125$ km.

Q873. Two quantities are in the ratio 4:5. If their total is 36, what is the first quantity?

- (A) 16
- (B) 20
- (C) 36
- (D) 4

Answer: A

Explanation: Total parts = 9. One part = $36/9 = 4$; first quantity = $4 \times 4 = 16$.

Q874. Two quantities are in the ratio 3:5. If their total is 40, what is the first quantity?

- (A) 10
- (B) 40
- (C) 15
- (D) 25

Answer: C

Explanation: Total parts = 8. One part = $40/8 = 5$; first quantity = $3 \times 5 = 15$.

Q875. Find the average of 71, 18, 64, 40, 71.

- (A) 50.8
- (B) 66.0
- (C) 52.8
- (D) 54.8

Answer: C

Explanation: Average = sum / count = $264/5 = 52.8$.

Q876. Find the average of 20, 52, 53, 53, 47.

- (A) 56.2
- (B) 47
- (C) 45
- (D) 43

Answer: C

Explanation: Average = sum / count = $225/5 = 45$.

Q877. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 56
- (B) 135.0
- (C) 108
- (D) 27.0

Answer: C

Explanation: Distance = speed x time = $54 \times 2 = 108$ km.

Q878. Find the average of 79, 33, 69, 35, 46.

- (A) 54.4
- (B) 50.4
- (C) 52.4
- (D) 65.5

Answer: C

Explanation: Average = sum / count = $262/5 = 52.4$.

Q879. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 60
- (B) 25
- (C) 35
- (D) 10

Answer: B

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q880. An item costs Rs. 600. At a profit of 25%, what is the selling price?

- (A) 450.0
- (B) 650
- (C) 625
- (D) 750

Answer: D

Explanation: Selling price = $600 \times (1 + 25/100) = \text{Rs. } 750$.

Q881. Two quantities are in the ratio 5:7. If their total is 48, what is the first quantity?

- (A) 8
- (B) 20
- (C) 28
- (D) 48

Answer: B

Explanation: Total parts = 12. One part = $48/12 = 4$; first quantity = $5 \times 4 = 20$.

Q882. A can finish a work in 12 days and B in 30 days. In how many days can they finish it together?

- (A) 21.0
- (B) 20.0
- (C) 8.57
- (D) 18

Answer: C

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q883. What is 5% of 200?

- (A) 20.0
- (B) 30.0
- (C) 10
- (D) 0

Answer: C

Explanation: $5\% \text{ of } 200 = (5/100) \times 200 = 10.$

Q884. Find the simple interest on Rs. 1500 at 12% per annum for 4 years.

- (A) 870
- (B) 180
- (C) 570
- (D) 720

Answer: D

Explanation: $SI = PRT/100 = 1500 \times 12 \times 4/100 = \text{Rs. } 720.$

Q885. An item costs Rs. 400. At a profit of 30%, what is the selling price?

- (A) 520
- (B) 430
- (C) 280.0
- (D) 460

Answer: A

Explanation: $\text{Selling price} = 400 \times (1 + 30/100) = \text{Rs. } 520.$

Q886. What is 40% of 160?

- (A) 56.0
- (B) 72.0
- (C) 80.0
- (D) 64

Answer: D

Explanation: $40\% \text{ of } 160 = (40/100) \times 160 = 64.$

Q887. An item costs Rs. 320. At a profit of 10%, what is the selling price?

- (A) 330
- (B) 340
- (C) 288.0
- (D) 352

Answer: D

Explanation: $\text{Selling price} = 320 \times (1 + 10/100) = \text{Rs. } 352.$

Q888. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 38
- (B) 90.0
- (C) 18.0
- (D) 72

Answer: D

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 36 \times 2 = 72 \text{ km.}$

Q889. A vehicle travels at 40 km/h for 3.5 hours. What distance does it cover?

- (A) 11.43
- (B) 140
- (C) 43.5
- (D) 160.0

Answer: B

Explanation: Distance = speed x time = $40 \times 3.5 = 140$ km.

Q890. An item costs Rs. 400. At a profit of 10%, what is the selling price?

- (A) 440
- (B) 420
- (C) 360.0
- (D) 410

Answer: A

Explanation: Selling price = $400 \times (1 + 10/100) = \text{Rs. } 440$.

Q891. What is 75% of 800?

- (A) 600
- (B) 560.0
- (C) 680.0
- (D) 640.0

Answer: A

Explanation: 75% of 800 = $(75/100) \times 800 = 600$.

Q892. An item costs Rs. 320. At a profit of 10%, what is the selling price?

- (A) 340
- (B) 288.0
- (C) 330
- (D) 352

Answer: D

Explanation: Selling price = $320 \times (1 + 10/100) = \text{Rs. } 352$.

Q893. An item costs Rs. 200. At a profit of 15%, what is the selling price?

- (A) 215
- (B) 230
- (C) 908
- (D) 170.0

Answer: B

Explanation: Selling price = $200 \times (1 + 15/100) = \text{Rs. } 230$.

Q894. What is 10% of 480?

- (A) 48
- (B) 72.0
- (C) 96.0
- (D) 24.0

Answer: A

Explanation: 10% of 480 = $(10/100) \times 480 = 48$.

Q895. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 25
- (B) 60
- (C) 35
- (D) 10

Answer: A

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q896. A can finish a work in 18 days and B in 24 days. In how many days can they finish it together?

- (A) 21.0
- (B) 72.0
- (C) 6
- (D) 10.29

Answer: D

Explanation: Combined rate = $1/18 + 1/24 = (42)/432$; time = $432/42 = 10.29$ days.

Q897. Find the simple interest on Rs. 1000 at 12% per annum for 3 years.

- (A) 460
- (B) 260
- (C) 120
- (D) 360

Answer: D

Explanation: $SI = PRT/100 = 1000 \times 12 \times 3/100 = \text{Rs. } 360$.

Q898. What is 10% of 360?

- (A) 18.0
- (B) 36
- (C) 72.0
- (D) 54.0

Answer: B

Explanation: $10\% \text{ of } 360 = (10/100) \times 360 = 36$.

Q899. Find the simple interest on Rs. 1000 at 6% per annum for 4 years.

- (A) 240
- (B) 60
- (C) 140
- (D) 340

Answer: A

Explanation: $SI = PRT/100 = 1000 \times 6 \times 4/100 = \text{Rs. } 240$.

Q900. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 10
- (B) 60
- (C) 35
- (D) 25

Answer: D

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q901. Two quantities are in the ratio 3:5. If their total is 40, what is the first quantity?

- (A) 40
- (B) 15
- (C) 10
- (D) 25

Answer: B

Explanation: Total parts = 8. One part = $40/8 = 5$; first quantity = $3 \times 5 = 15$.

Q902. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 360.0
- (B) 19.0
- (C) 9.47
- (D) 2

Answer: C

Explanation: Combined rate = $1/20 + 1/18 = (38)/360$; time = $360/38 = 9.47$ days.

Q903. What is 75% of 150?

- (A) 112.5
- (B) 120.0
- (C) 127.5
- (D) 105.0

Answer: A

Explanation: 75% of 150 = $(75/100) \times 150 = 112.5$.

Q904. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 45
- (B) 5
- (C) 25
- (D) 20

Answer: D

Explanation: Total parts = 9. One part = $45/9 = 5$; first quantity = $4 \times 5 = 20$.

Q905. An item costs Rs. 300. At a profit of 20%, what is the selling price?

- (A) 320
- (B) 240.0
- (C) 340
- (D) 360

Answer: D

Explanation: Selling price = $300 \times (1 + 20/100) = \text{Rs. } 360$.

Q906. Two quantities are in the ratio 2:3. If their total is 75, what is the first quantity?

- (A) 15
- (B) 30
- (C) 75
- (D) 45

Answer: B

Explanation: Total parts = 5. One part = $75/5 = 15$; first quantity = $2 \times 15 = 30$.

Q907. Find the average of 40, 13, 46, 44, 19.

- (A) 40.5
- (B) 34.4
- (C) 30.4
- (D) 32.4

Answer: D

Explanation: Average = sum / count = $162/5 = 32.4$.

Q908. An item costs Rs. 300. At a profit of 10%, what is the selling price?

- (A) 310
- (B) 330
- (C) 320
- (D) 270.0

Answer: B

Explanation: Selling price = $300 \times (1 + 10/100) = \text{Rs. } 330$.

Q909. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 9
- (B) 9.23
- (C) 19.5
- (D) 40.0

Answer: B

Explanation: Combined rate = $1/15 + 1/24 = (39)/360$; time = $360/39 = 9.23$ days.

Q910. What is 40% of 400?

- (A) 160
- (B) 200.0
- (C) 140.0
- (D) 180.0

Answer: A

Explanation: 40% of 400 = $(40/100) \times 400 = 160$.

Q911. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 13.5
- (B) 216
- (C) 243.0
- (D) 58

Answer: B

Explanation: Distance = speed $\times$ time = $54 \times 4 = 216$ km.

Q912. A can finish a work in 12 days and B in 30 days. In how many days can they finish it together?

- (A) 8.57
- (B) 21.0
- (C) 18
- (D) 20.0

Answer: A

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q913. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

- (A) 10
- (B) 60.0
- (C) 12.0
- (D) 25.0

Answer: C

Explanation: Combined rate = $1/20 + 1/30 = (50)/600$; time = $600/50 = 12.0$ days.

Q914. What is 60% of 500?

- (A) 300
- (B) 325.0
- (C) 350.0
- (D) 275.0

Answer: A

Explanation: 60% of 500 = $(60/100) \times 500 = 300$.

Q915. What is 20% of 250?

- (A) 62.5
- (B) 50
- (C) 37.5
- (D) 75.0

Answer: B

Explanation: 20% of 250 = $(20/100) \times 250 = 50$.

Q916. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

- (A) 13.5
- (B) 6.67
- (C) 180.0
- (D) 3

Answer: B

Explanation: Combined rate = $1/15 + 1/12 = (27)/180$; time = $180/27 = 6.67$ days.

Q917. Find the average of 12, 27, 56, 61, 68.

- (A) 44.8
- (B) 56.0
- (C) 46.8
- (D) 42.8

Answer: A

Explanation: Average = sum / count = $224/5 = 44.8$.

Q918. Two quantities are in the ratio 5:7. If their total is 120, what is the first quantity?

- (A) 70
- (B) 50
- (C) 120
- (D) 20

Answer: B

Explanation: Total parts = 12. One part = $120/12 = 10$; first quantity = $5 \times 10 = 50$.

Q919. Find the average of 68, 68, 28, 64, 51.

- (A) 53.8
- (B) 55.8
- (C) 69.8
- (D) 57.8

Answer: B

Explanation: Average = sum / count = $279/5 = 55.8$.

Q920. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 39
- (B) 13
- (C) 52
- (D) 91

Answer: A

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q921. What is 35% of 120?

- (A) 42
- (B) 54.0
- (C) 48.0
- (D) 36.0

Answer: A

Explanation: 35% of 120 = $(35/100) \times 120 = 42$.

Q922. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

- (A) 18.0
- (B) 189.0
- (C) 162
- (D) 57

Answer: C

Explanation: Distance = speed x time = $54 \times 3 = 162$ km.

Q923. An item costs Rs. 750. At a profit of 15%, what is the selling price?

- (A) 780
- (B) 637.5
- (C) 862.5
- (D) 765

Answer: C

Explanation: Selling price = $750 \times (1 + 15/100) = \text{Rs. } 862.5$.

Q924. Two quantities are in the ratio 4:5. If their total is 126, what is the first quantity?

- (A) 126
- (B) 56
- (C) 14
- (D) 70

Answer: B

Explanation: Total parts = 9. One part = $126/9 = 14$; first quantity = $4 \times 14 = 56$.

Q925. Find the average of 16, 20, 67, 45, 34.

- (A) 36.4
- (B) 45.5
- (C) 34.4
- (D) 38.4

Answer: A

Explanation: Average = sum / count = $182/5 = 36.4$.

Q926. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 135.0
- (B) 120
- (C) 7.5
- (D) 34

Answer: B

Explanation: Distance = speed x time = $30 \times 4 = 120$ km.

Q927. Find the simple interest on Rs. 1000 at 10% per annum for 4 years.

- (A) 400
- (B) 100
- (C) 300
- (D) 500

Answer: A

Explanation: SI = $PRT/100 = 1000 \times 10 \times 4/100 = \text{Rs. } 400$.

Q928. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 47.5
- (B) 112.5
- (C) 18.0
- (D) 135.0

Answer: B

Explanation: Distance = speed x time = $45 \times 2.5 = 112.5$ km.

Q929. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

- (A) 32.5
- (B) 90.0
- (C) 75
- (D) 12.0

Answer: C

Explanation: Distance = speed x time = $30 \times 2.5 = 75$ km.

Q930. Find the average of 38, 31, 70, 53, 39.

- (A) 44.2
- (B) 57.8
- (C) 48.2
- (D) 46.2

Answer: D

Explanation: Average = sum / count = $231/5 = 46.2$.

Q931. Two quantities are in the ratio 3:5. If their total is 104, what is the first quantity?

- (A) 104
- (B) 39
- (C) 65
- (D) 26

Answer: B

Explanation: Total parts = 8. One part = $104/8 = 13$; first quantity = $3 \times 13 = 39$.

Q932. Find the average of 58, 13, 27, 14, 13.

- (A) 31.2
- (B) 25
- (C) 23
- (D) 27

Answer: B

Explanation: Average = sum / count = $125/5 = 25$.

Q933. Two quantities are in the ratio 5:7. If their total is 216, what is the first quantity?

- (A) 90
- (B) 216
- (C) 126
- (D) 36

Answer: A

Explanation: Total parts = 12. One part = $216/12 = 18$; first quantity = $5 \times 18 = 90$.

Q934. Find the simple interest on Rs. 3000 at 8% per annum for 2 years.

- (A) 180
- (B) 780
- (C) 480
- (D) 240

Answer: C

Explanation: $SI = \frac{PRT}{100} = 3000 \times 8 \times 2/100 = \text{Rs. } 480$.

Q935. A vehicle travels at 40 km/h for 3 hours. What distance does it cover?

- (A) 140.0
- (B) 13.33
- (C) 43
- (D) 120

Answer: D

Explanation: Distance = speed $\times$ time = $40 \times 3 = 120$ km.

Q936. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 672
- (B) 528.0
- (C) 612
- (D) 624

Answer: A

Explanation: Selling price = $600 \times (1 + 12/100) = \text{Rs. } 672$.

Q937. Find the average of 12, 17, 11, 74, 80.

- (A) 40.8
- (B) 48.5
- (C) 36.8
- (D) 38.8

Answer: D

Explanation: Average = sum / count = $194/5 = 38.8$.

Q938. Find the average of 78, 11, 61, 27, 51.

- (A) 47.6
- (B) 57.0
- (C) 43.6
- (D) 45.6

Answer: D

Explanation: Average = sum / count = $228/5 = 45.6$.

Q939. What is 60% of 240?

- (A) 168.0
- (B) 132.0
- (C) 144
- (D) 156.0

Answer: C

Explanation: 60% of 240 = $(60/100) \times 240 = 144$.

Q940. Find the average of 24, 73, 33, 80, 24.

- (A) 48.8
- (B) 46.8
- (C) 44.8
- (D) 58.5

Answer: B

Explanation: Average = sum / count = $234/5 = 46.8$.

Q941. Two quantities are in the ratio 3:5. If their total is 72, what is the first quantity?

- (A) 45
- (B) 18
- (C) 27
- (D) 72

Answer: C

Explanation: Total parts = 8. One part = $72/8 = 9$; first quantity = $3 \times 9 = 27$.

Q942. What is 12.5% of 600?

- (A) 105.0
- (B) 45.0
- (C) 135.0
- (D) 75

Answer: D

Explanation: 12.5% of 600 = $(12.5/100) \times 600 = 75$.

Q943. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

- (A) 49
- (B) 202.5
- (C) 180
- (D) 11.25

Answer: C

Explanation: Distance = speed x time = $45 \times 4 = 180$ km.

Q944. An item costs Rs. 400. At a profit of 20%, what is the selling price?

- (A) 480
- (B) 420
- (C) 320.0
- (D) 440

Answer: A

Explanation: Selling price = $400 \times (1 + 20/100) = \text{Rs. } 480$.

Q945. Find the average of 53, 44, 17, 80, 31.

- (A) 47
- (B) 56.2
- (C) 45
- (D) 43

Answer: C

Explanation: Average = sum / count = $225/5 = 45$.

Q946. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

- (A) 16.0
- (B) 6.0
- (C) 12.0
- (D) 16

Answer: B

Explanation: Combined rate = $1/8 + 1/24 = (32)/192$; time = $192/32 = 6.0$ days.

Q947. Find the average of 21, 29, 63, 15, 29.

- (A) 31.4
- (B) 33.4
- (C) 29.4
- (D) 39.2

Answer: A

Explanation: Average = sum / count = $157/5 = 31.4$.

Q948. Find the simple interest on Rs. 2000 at 10% per annum for 4 years.

- (A) 600
- (B) 200
- (C) 800
- (D) 1000

Answer: C

Explanation: SI = $PRT/100 = 2000 \times 10 \times 4/100 = \text{Rs. } 800$.

Q949. An item costs Rs. 800. At a profit of 10%, what is the selling price?

- (A) 880
- (B) 720.0
- (C) 810
- (D) 820

Answer: A

Explanation: Selling price = $800 \times (1 + 10/100) = \text{Rs. } 880$.

Q950. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

- (A) 20.0
- (B) 52.5
- (C) 150.0
- (D) 125

Answer: D

Explanation: Distance = speed $\times$ time = $50 \times 2.5 = 125$ km.

Q951. What is 10% of 150?

- (A) 7.5
- (B) 15
- (C) 30.0
- (D) 22.5

Answer: B

Explanation: 10% of 150 = $(10/100) \times 150 = 15$.

Q952. An item costs Rs. 800. At a profit of 20%, what is the selling price?

- (A) 640.0
- (B) 820
- (C) 960
- (D) 840

Answer: C

Explanation: Selling price = $800 \times (1 + 20/100) = \text{Rs. } 960$.

Q953. Two quantities are in the ratio 2:3. If their total is 25, what is the first quantity?

- (A) 15
- (B) 10
- (C) 5
- (D) 25

Answer: B

Explanation: Total parts = 5. One part = $25/5 = 5$; first quantity = $2 \times 5 = 10$.

Q954. Find the simple interest on Rs. 3000 at 8% per annum for 3 years.

- (A) 240
- (B) 420
- (C) 720
- (D) 1020

Answer: C

Explanation: SI = $PRT/100 = 3000 \times 8 \times 3/100 = \text{Rs. } 720$.

Q955. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 360.0
- (B) 2
- (C) 19.0
- (D) 9.47

Answer: D

Explanation: Combined rate = $1/20 + 1/18 = (38)/360$; time = $360/38 = 9.47$ days.

Q956. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

- (A) 16.0
- (B) 100
- (C) 42.5
- (D) 120.0

Answer: B

Explanation: Distance = speed x time = $40 \times 2.5 = 100$ km.

Q957. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

- (A) 60.0
- (B) 5
- (C) 17.5
- (D) 8.57

Answer: D

Explanation: Combined rate = $1/15 + 1/20 = (35)/300$; time = $300/35 = 8.57$ days.

Q958. Two quantities are in the ratio 4:5. If their total is 90, what is the first quantity?

- (A) 40
- (B) 50
- (C) 10
- (D) 90

Answer: A

Explanation: Total parts = 9. One part = $90/9 = 10$; first quantity = $4 \times 10 = 40$.

Q959. Find the average of 13, 73, 59, 20, 26.

- (A) 47.8
- (B) 36.2
- (C) 38.2
- (D) 40.2

Answer: C

Explanation: Average = sum / count = $191/5 = 38.2$.

Q960. An item costs Rs. 320. At a profit of 20%, what is the selling price?

- (A) 340
- (B) 360
- (C) 384
- (D) 256.0

Answer: C

Explanation: Selling price = $320 \times (1 + 20/100) = \text{Rs. } 384$.

Q961. An item costs Rs. 300. At a profit of 12%, what is the selling price?

- (A) 324
- (B) 312
- (C) 336
- (D) 264.0

Answer: C

Explanation: Selling price = $300 \times (1 + 12/100) = \text{Rs. } 336$.

Q962. A can finish a work in 18 days and B in 12 days. In how many days can they finish it together?

- (A) 6
- (B) 216.0
- (C) 15.0
- (D) 7.2

Answer: D

Explanation: Combined rate = $1/18 + 1/12 = (30)/216$; time = $216/30 = 7.2$ days.

Q963. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 135
- (B) 300
- (C) 150
- (D) 450

Answer: B

Explanation: $SI = PRT/100 = 1500 \times 10 \times 2/100 = \text{Rs. } 300$.

Q964. Find the average of 76, 47, 78, 18, 10.

- (A) 47.8
- (B) 57.2
- (C) 45.8
- (D) 43.8

Answer: C

Explanation: Average = sum / count = $229/5 = 45.8$.

Q965. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 19.5
- (B) 40.0
- (C) 9
- (D) 9.23

Answer: D

Explanation: Combined rate = $1/15 + 1/24 = (39)/360$; time = $360/39 = 9.23$ days.

Q966. Find the average of 48, 20, 47, 74, 55.

- (A) 48.8
- (B) 50.8
- (C) 61.0
- (D) 46.8

Answer: A

Explanation: Average = sum / count = $244/5 = 48.8$.

Q967. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

- (A) 17.5
- (B) 8.57
- (C) 5
- (D) 60.0

Answer: B

Explanation: Combined rate = $\frac{1}{15} + \frac{1}{20} = \frac{35}{300}$; time = $\frac{300}{35} = 8.57$ days.

Q968. A vehicle travels at 36 km/h for 3 hours. What distance does it cover?

- (A) 126.0
- (B) 108
- (C) 12.0
- (D) 39

Answer: B

Explanation: Distance = speed x time = $36 \times 3 = 108$ km.

Q969. Find the average of 78, 70, 54, 43, 58.

- (A) 60.6
- (B) 58.6
- (C) 75.8
- (D) 62.6

Answer: A

Explanation: Average = sum / count = $\frac{303}{5} = 60.6$.

Q970. Two quantities are in the ratio 5:7. If their total is 120, what is the first quantity?

- (A) 50
- (B) 20
- (C) 120
- (D) 70

Answer: A

Explanation: Total parts = 12. One part = $\frac{120}{12} = 10$; first quantity = $5 \times 10 = 50$.

Q971. What is 30% of 240?

- (A) 84.0
- (B) 72
- (C) 60.0
- (D) 96.0

Answer: B

Explanation: 30% of 240 = $\frac{30}{100} \times 240 = 72$.

Q972. An item costs Rs. 800. At a profit of 20%, what is the selling price?

- (A) 820
- (B) 640.0
- (C) 840
- (D) 960

Answer: D

Explanation: Selling price = $800 \times (1 + \frac{20}{100}) = \text{Rs. } 960$.

Q973. Two quantities are in the ratio 3:5. If their total is 72, what is the first quantity?

- (A) 18
- (B) 45
- (C) 27
- (D) 72

Answer: C

Explanation: Total parts = 8. One part = $72/8 = 9$; first quantity = $3 \times 9 = 27$.

Q974. What is 12.5% of 750?

- (A) 93.75
- (B) 131.25
- (C) 56.25
- (D) 168.75

Answer: A

Explanation: $12.5\% \text{ of } 750 = (12.5/100) \times 750 = 93.75$.

Q975. An item costs Rs. 250. At a profit of 20%, what is the selling price?

- (A) 200.0
- (B) 270
- (C) 300
- (D) 290

Answer: C

Explanation: Selling price = $250 \times (1 + 20/100) = \text{Rs. } 300$.

Q976. Find the simple interest on Rs. 2000 at 8% per annum for 4 years.

- (A) 160
- (B) 840
- (C) 440
- (D) 640

Answer: D

Explanation: $SI = PRT/100 = 2000 \times 8 \times 4/100 = \text{Rs. } 640$.

Q977. Find the average of 73, 63, 52, 50, 14.

- (A) 63.0
- (B) 50.4
- (C) 52.4
- (D) 48.4

Answer: B

Explanation: Average = sum / count = $252/5 = 50.4$.

Q978. Find the simple interest on Rs. 2500 at 5% per annum for 3 years.

- (A) 625
- (B) 375
- (C) 607
- (D) 125

Answer: B

Explanation: $SI = PRT/100 = 2500 \times 5 \times 3/100 = \text{Rs. } 375$.

Q979. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 70
- (B) 10
- (C) 40
- (D) 30

Answer: D

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q980. A can finish a work in 20 days and B in 40 days. In how many days can they finish it together?

- (A) 10.0
- (B) 400.0
- (C) 0
- (D) 20.0

Answer: A

Explanation: Combined rate = $1/20 + 1/40 = (40)/400$; time = $400/40 = 10.0$ days.

Q981. Find the simple interest on Rs. 4000 at 5% per annum for 3 years.

- (A) 787
- (B) 200
- (C) 1000
- (D) 600

Answer: D

Explanation: $SI = PRT/100 = 4000 \times 5 \times 3/100 = \text{Rs. } 600$.

Q982. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 25
- (B) 10
- (C) 60
- (D) 35

Answer: A

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q983. Find the average of 11, 10, 70, 62, 10.

- (A) 32.6
- (B) 40.8
- (C) 34.6
- (D) 30.6

Answer: A

Explanation: Average = sum / count = $163/5 = 32.6$.

Q984. A can finish a work in 8 days and B in 15 days. In how many days can they finish it together?

- (A) 5.22
- (B) 11.5
- (C) 17.14
- (D) 7

Answer: A

Explanation: Combined rate = $1/8 + 1/15 = (23)/120$; time = $120/23 = 5.22$ days.

Q985. A can finish a work in 12 days and B in 18 days. In how many days can they finish it together?

- (A) 7.2
- (B) 36.0
- (C) 6
- (D) 15.0

Answer: A

Explanation: Combined rate = $1/12 + 1/18 = (30)/216$; time = $216/30 = 7.2$ days.

Q986. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 18.0
- (B) 8.0
- (C) 12
- (D) 24.0

Answer: B

Explanation: Combined rate = $1/12 + 1/24 = (36)/288$; time = $288/36 = 8.0$ days.

Q987. Find the average of 35, 54, 55, 37, 21.

- (A) 38.4
- (B) 40.4
- (C) 50.5
- (D) 42.4

Answer: B

Explanation: Average = sum / count = $202/5 = 40.4$.

Q988. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 9
- (B) 19.5
- (C) 40.0
- (D) 9.23

Answer: D

Explanation: Combined rate = $1/15 + 1/24 = (39)/360$; time = $360/39 = 9.23$ days.

Q989. Two quantities are in the ratio 2:3. If their total is 20, what is the first quantity?

- (A) 12
- (B) 20
- (C) 8
- (D) 4

Answer: C

Explanation: Total parts = 5. One part = $20/5 = 4$; first quantity = $2 \times 4 = 8$.

Q990. An item costs Rs. 200. At a profit of 20%, what is the selling price?

- (A) 160.0
- (B) 240
- (C) 415
- (D) 220

Answer: B

Explanation: Selling price = $200 \times (1 + 20/100) = \text{Rs. } 240$.

Q991. Two quantities are in the ratio 3:5. If their total is 136, what is the first quantity?

- (A) 85
- (B) 34
- (C) 51
- (D) 136

Answer: C

Explanation: Total parts = 8. One part = $136/8 = 17$; first quantity = $3 \times 17 = 51$.

Q992. A can finish a work in 18 days and B in 18 days. In how many days can they finish it together?

- (A) 324.0
- (B) 18.0
- (C) 9.0
- (D) 0

Answer: C

Explanation: Combined rate = $1/18 + 1/18 = (36)/324$; time = $324/36 = 9.0$ days.

Q993. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

- (A) 180
- (B) 74.5
- (C) 28.8
- (D) 216.0

Answer: A

Explanation: Distance = speed $\times$ time = $72 \times 2.5 = 180$ km.

Q994. Find the simple interest on Rs. 2000 at 10% per annum for 2 years.

- (A) 400
- (B) 600
- (C) 864
- (D) 200

Answer: A

Explanation: $SI = PRT/100 = 2000 \times 10 \times 2/100 = \text{Rs. } 400$.

Q995. What is 10% of 160?

- (A) 16
- (B) 24.0
- (C) 8.0
- (D) 32.0

Answer: A

Explanation: 10% of 160 = $(10/100) \times 160 = 16$.

Q996. Find the simple interest on Rs. 2500 at 6% per annum for 3 years.

- (A) 450
- (B) 700
- (C) 200
- (D) 150

Answer: A

Explanation: $SI = PRT/100 = 2500 \times 6 \times 3/100 = \text{Rs. } 450$.

Q997. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 624
- (B) 672
- (C) 528.0
- (D) 612

Answer: B

Explanation: Selling price = $600 \times (1 + 12/100) = \text{Rs. } 672$.

Q998. What is 20% of 300?

- (A) 75.0
- (B) 60
- (C) 45.0
- (D) 90.0

Answer: B

Explanation: 20% of 300 = $(20/100) \times 300 = 60$.

Q999. Find the average of 18, 59, 37, 76, 60.

- (A) 48
- (B) 62.5
- (C) 50
- (D) 52

Answer: C

Explanation: Average = sum / count = $250/5 = 50$.

Q1000. Find the simple interest on Rs. 4000 at 12% per annum for 3 years.

- (A) 1840
- (B) 1440
- (C) 1040
- (D) 480

Answer: B

Explanation: SI = $PRT/100 = 4000 \times 12 \times 3/100 = \text{Rs. } 1440$.

End Note

Use this bank for timed practice, revision, and concept reinforcement. ExamGurux recommends checking the official notification for any change in syllabus, marking scheme, duration, or eligibility.

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