

EXAMGURUX

RPF Sub-Inspector 2026 - CBT Practice

1000 Original Practice MCQs with Answers & Explanations

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Official reference: Railway Recruitment Board / RPF recruitment framework (indianrailways.gov.in / RRB portals)

Coverage note: CBT-style preparation bank based on the standard RPF SI subject distribution. Verify the current official recruitment cycle before publishing date-specific claims.

Section	Questions
General Awareness	500
Arithmetic	300
General Intelligence & Reasoning	200

General Awareness

Q1. 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.

Q2. The longest river entirely within India is

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

Answer: B

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

Q3. 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.

Q4. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q5. 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.

Q6. 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.

Q7. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q8. 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.

Q9. 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.

Q10. 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.

Q11. 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.

Q12. The longest river entirely within India is

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

Answer: B

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

Q13. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q14. 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.

Q15. 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.

Q16. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q17. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q18. 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.

Q19. 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.

Q20. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q21. 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.

Q22. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q23. 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.

Q24. 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.

Q25. 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.

Q26. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q27. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q28. The longest river entirely within India is

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

Answer: B

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

Q29. 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.

Q30. 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.

Q31. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q32. 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.

Q33. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q34. 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.

Q35. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q36. The longest river entirely within India is

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

Answer: B

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

Q37. 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.

Q38. The Parliament of India consists of

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

Answer: C

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

Q39. The speed of light in vacuum is approximately

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

Answer: A

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

Q40. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q41. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q42. The planet known as the Red Planet is

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

Answer: B

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

Q43. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q44. The fundamental unit of life is

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

Answer: B

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

Q45. 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.

Q46. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q47. 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.

Q48. 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.

Q49. 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.

Q50. 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.

Q51. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q52. 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.

Q53. 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.

Q54. 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.

Q55. 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.

Q56. 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.

Q57. 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.

Q58. 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.

Q59. The fundamental unit of life is

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

Answer: D

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

Q60. 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.

Q61. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q62. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q63. 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.

Q64. 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.

Q65. 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.

Q66. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q67. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q68. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q69. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q70. 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.

Q71. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q72. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q73. 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.

Q74. 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.

Q75. 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.

Q76. 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.

Q77. 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.

Q78. 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.

Q79. 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.

Q80. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q81. 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.

Q82. 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.

Q83. 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.

Q84. 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.

Q85. 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.

Q86. 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.

Q87. 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.

Q88. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q89. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q90. 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.

Q91. The speed of light in vacuum is approximately

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

Answer: B

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

Q92. 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.

Q93. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q94. 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.

Q95. 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.

Q96. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q97. 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.

Q98. 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.

Q99. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q100. 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.

Q101. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q102. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q103. 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.

Q104. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q105. 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.

Q106. 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.

Q107. 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.

Q108. 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.

Q109. 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.

Q110. 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.

Q111. 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.

Q112. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q113. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q114. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q115. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q116. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q117. 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.

Q118. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President and Lok 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.

Q119. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q120. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q121. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q122. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q123. 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.

Q124. 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.

Q125. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q126. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q127. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q128. 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.

Q129. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q130. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q131. 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.

Q132. 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.

Q133. The fundamental unit of life is

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

Answer: D

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

Q134. 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.

Q135. 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.

Q136. 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.

Q137. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q138. 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.

Q139. 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.

Q140. 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.

Q141. 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.

Q142. 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.

Q143. The planet known as the Red Planet is

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

Answer: A

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

Q144. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q145. 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.

Q146. 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.

Q147. The speed of light in vacuum is approximately

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

Answer: D

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

Q148. 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.

Q149. 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.

Q150. The Parliament of India consists of

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

Answer: C

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

Q151. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q152. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q153. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q154. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q155. 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.

Q156. 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.

Q157. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President and Lok 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.

Q158. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q159. The fundamental unit of life is

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

Answer: A

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

Q160. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q161. 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.

Q162. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q163. 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.

Q164. The longest river entirely within India is

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

Answer: A

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

Q165. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q166. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q167. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q168. 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.

Q169. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q170. 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.

Q171. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q172. 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.

Q173. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q174. 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.

Q175. 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.

Q176. 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.

Q177. 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.

Q178. The planet known as the Red Planet is

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

Answer: A

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

Q179. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q180. The longest river entirely within India is

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

Answer: B

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

Q181. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q182. 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.

Q183. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q184. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q185. The longest river entirely within India is

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

Answer: B

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

Q186. 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.

Q187. 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.

Q188. 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.

Q189. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q190. 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.

Q191. 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.

Q192. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q193. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q194. 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.

Q195. 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.

Q196. Which blood cells primarily carry oxygen?

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

Answer: C

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

Q197. 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.

Q198. 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.

Q199. 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.

Q200. 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.

Q201. 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.

Q202. 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.

Q203. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q204. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q205. 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.

Q206. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q207. 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.

Q208. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q209. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q210. 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.

Q211. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q212. The longest river entirely within India is

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

Answer: C

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

Q213. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q214. 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.

Q215. 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.

Q216. 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.

Q217. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q218. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q219. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q220. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President and Lok 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.

Q221. 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.

Q222. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q223. 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.

Q224. 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.

Q225. 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.

Q226. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q227. 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.

Q228. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President and Lok 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.

Q229. 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.

Q230. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q231. 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.

Q232. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q233. The speed of light in vacuum is approximately

- (A) 3×10^{10} m/s
- (B) 3×10^5 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.

Q234. 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.

Q235. 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.

Q236. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q237. The speed of light in vacuum is approximately

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

Answer: A

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

Q238. 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.

Q239. 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.

Q240. 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.

Q241. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q242. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q243. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q244. The longest river entirely within India is

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

Answer: C

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

Q245. 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.

Q246. 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.

Q247. 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.

Q248. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q249. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q250. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q251. 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.

Q252. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q253. 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.

Q254. The speed of light in vacuum is approximately

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

Answer: D

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

Q255. 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.

Q256. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q257. 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.

Q258. 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.

Q259. 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.

Q260. 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.

Q261. The fundamental unit of life is

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

Answer: B

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

Q262. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q263. 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.

Q264. 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.

Q265. Which blood cells primarily carry oxygen?

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

Answer: D

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

Q266. 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.

Q267. The speed of light in vacuum is approximately

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

Answer: A

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

Q268. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q269. 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.

Q270. 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.

Q271. 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.

Q272. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q273. 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.

Q274. 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.

Q275. The speed of light in vacuum is approximately

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

Answer: D

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

Q276. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q277. 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.

Q278. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q279. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q280. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q281. 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.

Q282. 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.

Q283. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q284. 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.

Q285. 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.

Q286. 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.

Q287. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q288. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q289. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q290. 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.

Q291. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q292. The longest river entirely within India is

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

Answer: C

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

Q293. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q294. 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.

Q295. 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.

Q296. 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.

Q297. 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.

Q298. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q299. 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.

Q300. 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.

Q301. 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.

Q302. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q303. 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.

Q304. 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.

Q305. 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.

Q306. 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.

Q307. 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.

Q308. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q309. 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.

Q310. The speed of light in vacuum is approximately

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

Answer: B

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

Q311. 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.

Q312. 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.

Q313. 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.

Q314. 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.

Q315. 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.

Q316. The speed of light in vacuum is approximately

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

Answer: D

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

Q317. 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.

Q318. 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.

Q319. 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.

Q320. 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.

Q321. 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.

Q322. The Parliament of India consists of

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

Answer: C

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

Q323. 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.

Q324. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q325. 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.

Q326. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q327. The speed of light in vacuum is approximately

- (A) 3×10^{10} m/s
- (B) 3×10^5 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.

Q328. 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.

Q329. 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.

Q330. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q331. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q332. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q333. 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.

Q334. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q335. 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.

Q336. 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.

Q337. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q338. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q339. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q340. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q341. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q342. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q343. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q344. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q345. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q346. 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.

Q347. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q348. 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.

Q349. 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.

Q350. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q351. 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.

Q352. 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.

Q353. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q354. 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.

Q355. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q356. 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.

Q357. 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.

Q358. 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.

Q359. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q360. 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.

Q361. 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.

Q362. 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.

Q363. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q364. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q365. 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.

Q366. The speed of light in vacuum is approximately

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

Answer: B

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

Q367. 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.

Q368. 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.

Q369. 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.

Q370. 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.

Q371. 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.

Q372. 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.

Q373. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q374. 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.

Q375. 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.

Q376. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q377. 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.

Q378. 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.

Q379. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q380. 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.

Q381. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q382. 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.

Q383. The speed of light in vacuum is approximately

- (A) 3×10^{10} m/s
- (B) 3×10^5 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.

Q384. 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.

Q385. 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.

Q386. 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.

Q387. 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.

Q388. 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.

Q389. 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.

Q390. 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.

Q391. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q392. 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.

Q393. 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.

Q394. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q395. 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.

Q396. 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.

Q397. 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.

Q398. 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.

Q399. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q400. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q401. The planet known as the Red Planet is

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

Answer: B

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

Q402. 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.

Q403. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q404. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q405. Which blood cells primarily carry oxygen?

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

Answer: D

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

Q406. 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.

Q407. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q408. 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.

Q409. 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.

Q410. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q411. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q412. 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.

Q413. 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.

Q414. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q415. The Parliament of India consists of

- (A) Lok Sabha and Rajya Sabha only
- (B) President and Lok 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.

Q416. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q417. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q418. 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.

Q419. 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.

Q420. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q421. 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.

Q422. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q423. 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.

Q424. 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.

Q425. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q426. 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.

Q427. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q428. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q429. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q430. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q431. 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.

Q432. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q433. 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.

Q434. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q435. The speed of light in vacuum is approximately

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

Answer: A

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

Q436. 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.

Q437. 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.

Q438. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q439. 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.

Q440. 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.

Q441. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q442. 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.

Q443. 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.

Q444. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q445. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q446. 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.

Q447. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q448. 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.

Q449. 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.

Q450. The planet known as the Red Planet is

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

Answer: B

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

Q451. The longest river entirely within India is

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

Answer: C

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

Q452. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q453. 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.

Q454. 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.

Q455. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q456. 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.

Q457. 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.

Q458. 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.

Q459. 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.

Q460. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q461. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q462. 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.

Q463. 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.

Q464. 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.

Q465. 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.

Q466. The planet known as the Red Planet is

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

Answer: B

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

Q467. The longest river entirely within India is

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

Answer: C

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

Q468. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q469. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q470. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q471. 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.

Q472. 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.

Q473. The speed of light in vacuum is approximately

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

Answer: A

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

Q474. 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.

Q475. 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.

Q476. 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.

Q477. 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.

Q478. 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.

Q479. 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.

Q480. 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.

Q481. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q482. Photosynthesis mainly occurs in which cell organelle?

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

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q483. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q484. 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.

Q485. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q486. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q487. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q488. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q489. The planet known as the Red Planet is

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

Answer: B

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

Q490. 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.

Q491. The planet known as the Red Planet is

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

Answer: B

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

Q492. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q493. 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.

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. 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.

Q496. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q497. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q498. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q499. The planet known as the Red Planet is

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

Answer: B

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

Q500. 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.

Arithmetic

Q501. A can finish a work in 18 days and B in 15 days. In how many days can they finish it together?

- (A) 270.0
- (B) 8.18
- (C) 16.5
- (D) 3

Answer: B

Explanation: Combined rate = $1/18 + 1/15 = (33)/270$; time = $270/33 = 8.18$ days.

Q502. Find the simple interest on Rs. 2000 at 6% per annum for 2 years.

- (A) 240
- (B) 120
- (C) 440
- (D) 40

Answer: A

Explanation: $SI = PRT/100 = 2000 \times 6 \times 2/100 = \text{Rs. } 240$.

Q503. An item costs Rs. 800. At a profit of 15%, what is the selling price?

- (A) 920
- (B) 830
- (C) 680.0
- (D) 815

Answer: A

Explanation: Selling price = $800 \times (1 + 15/100) = \text{Rs. } 920$.

Q504. A vehicle travels at 45 km/h for 3 hours. What distance does it cover?

- (A) 48
- (B) 135
- (C) 157.5
- (D) 15.0

Answer: B

Explanation: Distance = speed $\times$ time = $45 \times 3 = 135$ km.

Q505. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

- (A) 189.0
- (B) 162
- (C) 18.0
- (D) 57

Answer: B

Explanation: Distance = speed x time = $54 \times 3 = 162$ km.

Q506. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

- (A) 9.0
- (B) 4.5
- (C) 12.0
- (D) 12

Answer: B

Explanation: Combined rate = $1/6 + 1/18 = (24)/108$; time = $108/24 = 4.5$ days.

Q507. 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) 3
- (C) 180.0
- (D) 6.67

Answer: D

Explanation: Combined rate = $1/15 + 1/12 = (27)/180$; time = $180/27 = 6.67$ days.

Q508. Find the simple interest on Rs. 4000 at 6% per annum for 4 years.

- (A) 560
- (B) 240
- (C) 1360
- (D) 960

Answer: D

Explanation: $SI = PRT/100 = 4000 \times 6 \times 4/100 = \text{Rs. } 960$.

Q509. 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) 9.47
- (C) 360.0
- (D) 19.0

Answer: B

Explanation: Combined rate = $1/20 + 1/18 = (38)/360$; time = $360/38 = 9.47$ days.

Q510. Find the simple interest on Rs. 5000 at 10% per annum for 4 years.

- (A) 500
- (B) 2500
- (C) 2000
- (D) 1500

Answer: C

Explanation: $SI = PRT/100 = 5000 \times 10 \times 4/100 = \text{Rs. } 2000$.

Q511. An item costs Rs. 320. At a profit of 12%, what is the selling price?

- (A) 281.6
- (B) 344
- (C) 358.4
- (D) 332

Answer: C

Explanation: Selling price = $320 \times (1 + 12/100) = \text{Rs. } 358.4$.

Q512. What is 10% of 500?

- (A) 75.0
- (B) 50
- (C) 25.0
- (D) 100.0

Answer: B

Explanation: $10\% \text{ of } 500 = (10/100) \times 500 = 50$.

Q513. Find the average of 22, 54, 39, 43, 26.

- (A) 34.8
- (B) 38.8
- (C) 36.8
- (D) 46.0

Answer: C

Explanation: Average = sum / count = $184/5 = 36.8$.

Q514. An item costs Rs. 800. At a profit of 15%, what is the selling price?

- (A) 830
- (B) 680.0
- (C) 815
- (D) 920

Answer: D

Explanation: Selling price = $800 \times (1 + 15/100) = \text{Rs. } 920$.

Q515. A can finish a work in 6 days and B in 24 days. In how many days can they finish it together?

- (A) 15.0
- (B) 18
- (C) 4.8
- (D) 8.0

Answer: C

Explanation: Combined rate = $1/6 + 1/24 = (30)/144$; time = $144/30 = 4.8$ days.

Q516. Two quantities are in the ratio 7:9. If their total is 80, what is the first quantity?

- (A) 35
- (B) 45
- (C) 10
- (D) 80

Answer: A

Explanation: Total parts = 16. One part = $80/16 = 5$; first quantity = $7 \times 5 = 35$.

Q517. Find the simple interest on Rs. 4000 at 10% per annum for 4 years.

- (A) 1600
- (B) 400
- (C) 2000
- (D) 1200

Answer: A

Explanation: $SI = \frac{PRT}{100} = 4000 \times 10 \times 4/100 = \text{Rs. } 1600.$

Q518. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 33
- (B) 150
- (C) 300
- (D) 450

Answer: C

Explanation: $SI = \frac{PRT}{100} = 1500 \times 10 \times 2/100 = \text{Rs. } 300.$

Q519. Find the simple interest on Rs. 2500 at 12% per annum for 4 years.

- (A) 950
- (B) 300
- (C) 1450
- (D) 1200

Answer: D

Explanation: $SI = \frac{PRT}{100} = 2500 \times 12 \times 4/100 = \text{Rs. } 1200.$

Q520. Find the average of 44, 54, 79, 62, 46.

- (A) 59
- (B) 71.2
- (C) 55
- (D) 57

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = 285/5 = 57.$

Q521. What is 75% of 750?

- (A) 600.0
- (B) 562.5
- (C) 637.5
- (D) 525.0

Answer: B

Explanation: $75\% \text{ of } 750 = (75/100) \times 750 = 562.5.$

Q522. Two quantities are in the ratio 5:7. If their total is 180, what is the first quantity?

- (A) 75
- (B) 180
- (C) 30
- (D) 105

Answer: A

Explanation: Total parts = 12. One part = $180/12 = 15$; first quantity = $5 \times 15 = 75.$

Q523. Find the average of 29, 39, 25, 58, 25.

- (A) 44.0
- (B) 37.2
- (C) 35.2
- (D) 33.2

Answer: C

Explanation: Average = sum / count = $176/5 = 35.2$.

Q524. Find the simple interest on Rs. 2500 at 6% per annum for 3 years.

- (A) 450
- (B) 150
- (C) 200
- (D) 700

Answer: A

Explanation: SI = $PRT/100 = 2500 \times 6 \times 3/100 = \text{Rs. } 450$.

Q525. A can finish a work in 18 days and B in 18 days. In how many days can they finish it together?

- (A) 18.0
- (B) 9.0
- (C) 0
- (D) 324.0

Answer: B

Explanation: Combined rate = $1/18 + 1/18 = (36)/324$; time = $324/36 = 9.0$ days.

Q526. What is 60% of 200?

- (A) 130.0
- (B) 140.0
- (C) 120
- (D) 110.0

Answer: C

Explanation: 60% of 200 = $(60/100) \times 200 = 120$.

Q527. Find the average of 24, 42, 78, 68, 36.

- (A) 62.0
- (B) 49.6
- (C) 47.6
- (D) 51.6

Answer: B

Explanation: Average = sum / count = $248/5 = 49.6$.

Q528. An item costs Rs. 250. At a profit of 25%, what is the selling price?

- (A) 312.5
- (B) 275
- (C) 300
- (D) 187.5

Answer: A

Explanation: Selling price = $250 \times (1 + 25/100) = \text{Rs. } 312.5$.

Q529. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

- (A) 180.0
- (B) 3
- (C) 6.67
- (D) 13.5

Answer: C

Explanation: Combined rate = $1/15 + 1/12 = (27)/180$; time = $180/27 = 6.67$ days.

Q530. What is 60% of 180?

- (A) 126.0
- (B) 117.0
- (C) 108
- (D) 99.0

Answer: C

Explanation: 60% of 180 = $(60/100) \times 180 = 108$.

Q531. An item costs Rs. 750. At a profit of 15%, what is the selling price?

- (A) 765
- (B) 862.5
- (C) 780
- (D) 637.5

Answer: B

Explanation: Selling price = $750 \times (1 + 15/100) = \text{Rs. } 862.5$.

Q532. Find the average of 38, 56, 59, 68, 43.

- (A) 50.8
- (B) 52.8
- (C) 66.0
- (D) 54.8

Answer: B

Explanation: Average = sum / count = $264/5 = 52.8$.

Q533. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

- (A) 18.0
- (B) 324.0
- (C) 76
- (D) 288

Answer: D

Explanation: Distance = speed x time = $72 \times 4 = 288$ km.

Q534. Find the average of 25, 66, 25, 35, 76.

- (A) 56.8
- (B) 47.4
- (C) 43.4
- (D) 45.4

Answer: D

Explanation: Average = sum / count = $227/5 = 45.4$.

Q535. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

- (A) 180.0
- (B) 157.5
- (C) 48.5
- (D) 12.86

Answer: B

Explanation: Distance = speed x time = $45 \times 3.5 = 157.5$ km.

Q536. Two quantities are in the ratio 5:7. If their total is 192, what is the first quantity?

- (A) 80
- (B) 32
- (C) 112
- (D) 192

Answer: A

Explanation: Total parts = 12. One part = $192/12 = 16$; first quantity = $5 \times 16 = 80$.

Q537. Two quantities are in the ratio 2:3. If their total is 85, what is the first quantity?

- (A) 51
- (B) 34
- (C) 85
- (D) 17

Answer: B

Explanation: Total parts = 5. One part = $85/5 = 17$; first quantity = $2 \times 17 = 34$.

Q538. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

- (A) 120
- (B) 62
- (C) 30.0
- (D) 150.0

Answer: A

Explanation: Distance = speed x time = $60 \times 2 = 120$ km.

Q539. An item costs Rs. 750. At a profit of 15%, what is the selling price?

- (A) 765
- (B) 780
- (C) 637.5
- (D) 862.5

Answer: D

Explanation: Selling price = $750 \times (1 + 15/100) = \text{Rs. } 862.5$.

Q540. Find the simple interest on Rs. 1500 at 5% per annum for 2 years.

- (A) 300
- (B) 150
- (C) 1
- (D) 75

Answer: B

Explanation: SI = $PRT/100 = 1500 \times 5 \times 2/100 = \text{Rs. } 150$.

Q541. Find the simple interest on Rs. 1500 at 12% per annum for 4 years.

- (A) 720
- (B) 870
- (C) 570
- (D) 180

Answer: A

Explanation: $SI = \frac{PRT}{100} = 1500 \times 12 \times 4/100 = \text{Rs. } 720.$

Q542. An item costs Rs. 600. At a profit of 15%, what is the selling price?

- (A) 630
- (B) 510.0
- (C) 690
- (D) 615

Answer: C

Explanation: Selling price = $600 \times (1 + 15/100) = \text{Rs. } 690.$

Q543. A can finish a work in 8 days and B in 12 days. In how many days can they finish it together?

- (A) 24.0
- (B) 4.8
- (C) 4
- (D) 10.0

Answer: B

Explanation: Combined rate = $1/8 + 1/12 = (20)/96$; time = $96/20 = 4.8$ days.

Q544. Two quantities are in the ratio 2:3. If their total is 80, what is the first quantity?

- (A) 16
- (B) 48
- (C) 80
- (D) 32

Answer: D

Explanation: Total parts = 5. One part = $80/5 = 16$; first quantity = $2 \times 16 = 32.$

Q545. An item costs Rs. 320. At a profit of 12%, what is the selling price?

- (A) 358.4
- (B) 332
- (C) 281.6
- (D) 344

Answer: A

Explanation: Selling price = $320 \times (1 + 12/100) = \text{Rs. } 358.4.$

Q546. What is 40% of 200?

- (A) 80
- (B) 100.0
- (C) 70.0
- (D) 90.0

Answer: A

Explanation: 40% of 200 = $(40/100) \times 200 = 80.$

Q547. Find the average of 57, 13, 47, 28, 39.

- (A) 34.8
- (B) 38.8
- (C) 36.8
- (D) 46.0

Answer: C

Explanation: Average = sum / count = $184/5 = 36.8$.

Q548. What is 25% of 480?

- (A) 120
- (B) 144.0
- (C) 96.0
- (D) 168.0

Answer: A

Explanation: 25% of 480 = $(25/100) \times 480 = 120$.

Q549. Two quantities are in the ratio 3:4. If their total is 56, what is the first quantity?

- (A) 8
- (B) 56
- (C) 24
- (D) 32

Answer: C

Explanation: Total parts = 7. One part = $56/7 = 8$; first quantity = $3 \times 8 = 24$.

Q550. A can finish a work in 10 days and B in 20 days. In how many days can they finish it together?

- (A) 15.0
- (B) 10
- (C) 20.0
- (D) 6.67

Answer: D

Explanation: Combined rate = $1/10 + 1/20 = (30)/200$; time = $200/30 = 6.67$ days.

Q551. Find the simple interest on Rs. 2500 at 10% per annum for 4 years.

- (A) 1000
- (B) 750
- (C) 1250
- (D) 250

Answer: A

Explanation: $SI = PRT/100 = 2500 \times 10 \times 4/100 = \text{Rs. } 1000$.

Q552. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

- (A) 9.0
- (B) 6
- (C) 4.0
- (D) 12.0

Answer: C

Explanation: Combined rate = $1/6 + 1/12 = (18)/72$; time = $72/18 = 4.0$ days.

Q553. Two quantities are in the ratio 7:9. If their total is 176, what is the first quantity?

- (A) 22
- (B) 77
- (C) 99
- (D) 176

Answer: B

Explanation: Total parts = 16. One part = $176/16 = 11$; first quantity = $7 \times 11 = 77$.

Q554. What is 75% of 320?

- (A) 272.0
- (B) 240
- (C) 256.0
- (D) 224.0

Answer: B

Explanation: 75% of 320 = $(75/100) \times 320 = 240$.

Q555. What is 75% of 120?

- (A) 90
- (B) 96.0
- (C) 84.0
- (D) 102.0

Answer: A

Explanation: 75% of 120 = $(75/100) \times 120 = 90$.

Q556. A can finish a work in 12 days and B in 20 days. In how many days can they finish it together?

- (A) 8
- (B) 30.0
- (C) 7.5
- (D) 16.0

Answer: C

Explanation: Combined rate = $1/12 + 1/20 = (32)/240$; time = $240/32 = 7.5$ days.

Q557. Find the simple interest on Rs. 5000 at 12% per annum for 3 years.

- (A) 1800
- (B) 1300
- (C) 600
- (D) 2300

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 12 \times 3/100 = \text{Rs. } 1800$.

Q558. An item costs Rs. 320. At a profit of 30%, what is the selling price?

- (A) 350
- (B) 416
- (C) 224.0
- (D) 380

Answer: B

Explanation: Selling price = $320 \times (1 + 30/100) = \text{Rs. } 416$.

Q559. Find the simple interest on Rs. 4000 at 6% per annum for 2 years.

- (A) 240
- (B) 880
- (C) 80
- (D) 480

Answer: D

Explanation: $SI = \frac{PRT}{100} = 4000 \times 6 \times 2/100 = \text{Rs. } 480.$

Q560. Find the average of 28, 12, 49, 54, 27.

- (A) 32
- (B) 42.5
- (C) 34
- (D) 36

Answer: C

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = 170/5 = 34.$

Q561. A vehicle travels at 72 km/h for 3.5 hours. What distance does it cover?

- (A) 288.0
- (B) 20.57
- (C) 252
- (D) 75.5

Answer: C

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 72 \times 3.5 = 252 \text{ km}.$

Q562. What is 25% of 500?

- (A) 100.0
- (B) 125
- (C) 175.0
- (D) 150.0

Answer: B

Explanation: $25\% \text{ of } 500 = (25/100) \times 500 = 125.$

Q563. Find the average of 30, 77, 60, 49, 79.

- (A) 73.8
- (B) 57
- (C) 61
- (D) 59

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = 295/5 = 59.$

Q564. What is 12.5% of 450?

- (A) 101.25
- (B) 33.75
- (C) 78.75
- (D) 56.25

Answer: D

Explanation: $12.5\% \text{ of } 450 = (12.5/100) \times 450 = 56.25.$

Q565. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

- (A) 74.5
- (B) 28.8
- (C) 180
- (D) 216.0

Answer: C

Explanation: Distance = speed x time = $72 \times 2.5 = 180$ km.

Q566. What is 25% of 400?

- (A) 120.0
- (B) 80.0
- (C) 140.0
- (D) 100

Answer: D

Explanation: 25% of 400 = $(25/100) \times 400 = 100$.

Q567. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

- (A) 3
- (B) 13.5
- (C) 180.0
- (D) 6.67

Answer: D

Explanation: Combined rate = $1/15 + 1/12 = (27)/180$; time = $180/27 = 6.67$ days.

Q568. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

- (A) 210
- (B) 17.14
- (C) 240.0
- (D) 63.5

Answer: A

Explanation: Distance = speed x time = $60 \times 3.5 = 210$ km.

Q569. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

- (A) 30.0
- (B) 15
- (C) 10.0
- (D) 22.5

Answer: C

Explanation: Combined rate = $1/15 + 1/30 = (45)/450$; time = $450/45 = 10.0$ days.

Q570. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

- (A) 57.5
- (B) 216.0
- (C) 189
- (D) 15.43

Answer: C

Explanation: Distance = speed x time = $54 \times 3.5 = 189$ km.

Q571. An item costs Rs. 250. At a profit of 20%, what is the selling price?

- (A) 290
- (B) 200.0
- (C) 300
- (D) 270

Answer: C

Explanation: Selling price = $250 \times (1 + 20/100) = \text{Rs. } 300$.

Q572. Find the simple interest on Rs. 5000 at 12% per annum for 4 years.

- (A) 1900
- (B) 2400
- (C) 600
- (D) 2900

Answer: B

Explanation: $SI = PRT/100 = 5000 \times 12 \times 4/100 = \text{Rs. } 2400$.

Q573. Two quantities are in the ratio 2:3. If their total is 40, what is the first quantity?

- (A) 40
- (B) 24
- (C) 8
- (D) 16

Answer: D

Explanation: Total parts = 5. One part = $40/5 = 8$; first quantity = $2 \times 8 = 16$.

Q574. Two quantities are in the ratio 3:4. If their total is 84, what is the first quantity?

- (A) 12
- (B) 48
- (C) 84
- (D) 36

Answer: D

Explanation: Total parts = 7. One part = $84/7 = 12$; first quantity = $3 \times 12 = 36$.

Q575. An item costs Rs. 250. At a profit of 30%, what is the selling price?

- (A) 325
- (B) 310
- (C) 280
- (D) 175.0

Answer: A

Explanation: Selling price = $250 \times (1 + 30/100) = \text{Rs. } 325$.

Q576. Find the simple interest on Rs. 3000 at 6% per annum for 4 years.

- (A) 420
- (B) 180
- (C) 1020
- (D) 720

Answer: D

Explanation: $SI = PRT/100 = 3000 \times 6 \times 4/100 = \text{Rs. } 720$.

Q577. An item costs Rs. 300. At a profit of 12%, what is the selling price?

- (A) 324
- (B) 264.0
- (C) 312
- (D) 336

Answer: D

Explanation: Selling price = $300 \times (1 + 12/100) = \text{Rs. } 336$.

Q578. An item costs Rs. 200. At a profit of 30%, what is the selling price?

- (A) 317
- (B) 230
- (C) 140.0
- (D) 260

Answer: D

Explanation: Selling price = $200 \times (1 + 30/100) = \text{Rs. } 260$.

Q579. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

- (A) 25.0
- (B) 10
- (C) 12.0
- (D) 60.0

Answer: C

Explanation: Combined rate = $1/20 + 1/30 = (50)/600$; time = $600/50 = 12.0$ days.

Q580. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

- (A) 200.0
- (B) 14.29
- (C) 175
- (D) 53.5

Answer: C

Explanation: Distance = speed $\times$ time = $50 \times 3.5 = 175$ km.

Q581. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

- (A) 17.0
- (B) 14
- (C) 17.14
- (D) 7.06

Answer: D

Explanation: Combined rate = $1/10 + 1/24 = (34)/240$; time = $240/34 = 7.06$ days.

Q582. Find the average of 63, 57, 38, 27, 10.

- (A) 37
- (B) 48.8
- (C) 39
- (D) 41

Answer: C

Explanation: Average = sum / count = $195/5 = 39$.

Q583. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

- (A) 16
- (B) 12.0
- (C) 6.0
- (D) 16.0

Answer: C

Explanation: Combined rate = $1/8 + 1/24 = (32)/192$; time = $192/32 = 6.0$ days.

Q584. Find the simple interest on Rs. 1500 at 8% per annum for 2 years.

- (A) 90
- (B) 390
- (C) 240
- (D) 120

Answer: C

Explanation: $SI = PRT/100 = 1500 \times 8 \times 2/100 = \text{Rs. } 240$.

Q585. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

- (A) 10.0
- (B) 44
- (C) 180.0
- (D) 160

Answer: D

Explanation: Distance = speed $\times$ time = $40 \times 4 = 160$ km.

Q586. Find the average of 41, 30, 62, 74, 21.

- (A) 57.0
- (B) 47.6
- (C) 45.6
- (D) 43.6

Answer: C

Explanation: Average = sum / count = $228/5 = 45.6$.

Q587. An item costs Rs. 750. At a profit of 30%, what is the selling price?

- (A) 975
- (B) 525.0
- (C) 810
- (D) 780

Answer: A

Explanation: Selling price = $750 \times (1 + 30/100) = \text{Rs. } 975$.

Q588. Two quantities are in the ratio 4:5. If their total is 117, what is the first quantity?

- (A) 65
- (B) 52
- (C) 117
- (D) 13

Answer: B

Explanation: Total parts = 9. One part = $117/9 = 13$; first quantity = $4 \times 13 = 52$.

Q589. An item costs Rs. 500. At a profit of 15%, what is the selling price?

- (A) 515
- (B) 575
- (C) 425.0
- (D) 530

Answer: B

Explanation: Selling price = $500 \times (1 + 15/100) = \text{Rs. } 575$.

Q590. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

- (A) 15.0
- (B) 20
- (C) 7.5
- (D) 20.0

Answer: C

Explanation: Combined rate = $1/10 + 1/30 = (40)/300$; time = $300/40 = 7.5$ days.

Q591. Two quantities are in the ratio 2:3. If their total is 80, what is the first quantity?

- (A) 48
- (B) 16
- (C) 80
- (D) 32

Answer: D

Explanation: Total parts = 5. One part = $80/5 = 16$; first quantity = $2 \times 16 = 32$.

Q592. A can finish a work in 20 days and B in 12 days. In how many days can they finish it together?

- (A) 8
- (B) 16.0
- (C) 240.0
- (D) 7.5

Answer: D

Explanation: Combined rate = $1/20 + 1/12 = (32)/240$; time = $240/32 = 7.5$ days.

Q593. Find the simple interest on Rs. 5000 at 10% per annum for 4 years.

- (A) 2000
- (B) 2500
- (C) 1500
- (D) 500

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 10 \times 4/100 = \text{Rs. } 2000$.

Q594. What is 30% of 600?

- (A) 150.0
- (B) 210.0
- (C) 240.0
- (D) 180

Answer: D

Explanation: 30% of 600 = $(30/100) \times 600 = 180$.

Q595. A vehicle travels at 36 km/h for 3.5 hours. What distance does it cover?

- (A) 126
- (B) 144.0
- (C) 39.5
- (D) 10.29

Answer: A

Explanation: Distance = speed x time = $36 \times 3.5 = 126$ km.

Q596. What is 5% of 320?

- (A) 0
- (B) 32.0
- (C) 16
- (D) 48.0

Answer: C

Explanation: 5% of 320 = $(5/100) \times 320 = 16$.

Q597. Two quantities are in the ratio 7:9. If their total is 80, what is the first quantity?

- (A) 45
- (B) 80
- (C) 35
- (D) 10

Answer: C

Explanation: Total parts = 16. One part = $80/16 = 5$; first quantity = $7 \times 5 = 35$.

Q598. Find the average of 46, 71, 14, 73, 23.

- (A) 43.4
- (B) 45.4
- (C) 47.4
- (D) 56.8

Answer: B

Explanation: Average = sum / count = $227/5 = 45.4$.

Q599. What is 25% of 360?

- (A) 90
- (B) 72.0
- (C) 108.0
- (D) 126.0

Answer: A

Explanation: 25% of 360 = $(25/100) \times 360 = 90$.

Q600. Two quantities are in the ratio 2:3. If their total is 50, what is the first quantity?

- (A) 50
- (B) 30
- (C) 10
- (D) 20

Answer: D

Explanation: Total parts = 5. One part = $50/5 = 10$; first quantity = $2 \times 10 = 20$.

Q601. An item costs Rs. 800. At a profit of 20%, what is the selling price?

- (A) 840
- (B) 820
- (C) 960
- (D) 640.0

Answer: C

Explanation: Selling price = $800 \times (1 + 20/100) = \text{Rs. } 960$.

Q602. Find the simple interest on Rs. 3000 at 10% per annum for 3 years.

- (A) 1200
- (B) 600
- (C) 900
- (D) 300

Answer: C

Explanation: $SI = PRT/100 = 3000 \times 10 \times 3/100 = \text{Rs. } 900$.

Q603. 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) 9.23
- (D) 40.0

Answer: C

Explanation: Combined rate = $1/15 + 1/24 = (39)/360$; time = $360/39 = 9.23$ days.

Q604. What is 40% of 180?

- (A) 72
- (B) 90.0
- (C) 63.0
- (D) 81.0

Answer: A

Explanation: 40% of 180 = $(40/100) \times 180 = 72$.

Q605. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

- (A) 30.0
- (B) 120
- (C) 150.0
- (D) 62

Answer: B

Explanation: Distance = speed $\times$ time = $60 \times 2 = 120$ km.

Q606. What is 75% of 600?

- (A) 510.0
- (B) 480.0
- (C) 450
- (D) 420.0

Answer: C

Explanation: 75% of 600 = $(75/100) \times 600 = 450$.

Q607. A can finish a work in 15 days and B in 18 days. In how many days can they finish it together?

- (A) 90.0
- (B) 16.5
- (C) 3
- (D) 8.18

Answer: D

Explanation: Combined rate = $1/15 + 1/18 = (33)/270$; time = $270/33 = 8.18$ days.

Q608. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

- (A) 162
- (B) 57
- (C) 18.0
- (D) 189.0

Answer: A

Explanation: Distance = speed x time = $54 \times 3 = 162$ km.

Q609. Find the simple interest on Rs. 1200 at 8% per annum for 3 years.

- (A) 168
- (B) 408
- (C) 96
- (D) 288

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 8 \times 3/100 = \text{Rs. } 288$.

Q610. What is 12.5% of 500?

- (A) 37.5
- (B) 87.5
- (C) 62.5
- (D) 112.5

Answer: C

Explanation: $12.5\% \text{ of } 500 = (12.5/100) \times 500 = 62.5$.

Q611. Find the simple interest on Rs. 2500 at 5% per annum for 2 years.

- (A) 1
- (B) 125
- (C) 500
- (D) 250

Answer: D

Explanation: $SI = PRT/100 = 2500 \times 5 \times 2/100 = \text{Rs. } 250$.

Q612. A can finish a work in 6 days and B in 24 days. In how many days can they finish it together?

- (A) 8.0
- (B) 15.0
- (C) 18
- (D) 4.8

Answer: D

Explanation: Combined rate = $1/6 + 1/24 = (30)/144$; time = $144/30 = 4.8$ days.

Q613. Find the average of 56, 22, 40, 36, 60.

- (A) 40.8
- (B) 42.8
- (C) 53.5
- (D) 44.8

Answer: B

Explanation: Average = sum / count = $214/5 = 42.8$.

Q614. What is 75% of 300?

- (A) 255.0
- (B) 210.0
- (C) 225
- (D) 240.0

Answer: C

Explanation: 75% of 300 = $(75/100) \times 300 = 225$.

Q615. An item costs Rs. 320. At a profit of 25%, what is the selling price?

- (A) 240.0
- (B) 345
- (C) 400
- (D) 370

Answer: C

Explanation: Selling price = $320 \times (1 + 25/100) = \text{Rs. } 400$.

Q616. Two quantities are in the ratio 3:4. If their total is 98, what is the first quantity?

- (A) 42
- (B) 56
- (C) 14
- (D) 98

Answer: A

Explanation: Total parts = 7. One part = $98/7 = 14$; first quantity = $3 \times 14 = 42$.

Q617. Find the average of 42, 52, 30, 57, 14.

- (A) 48.8
- (B) 37
- (C) 41
- (D) 39

Answer: D

Explanation: Average = sum / count = $195/5 = 39$.

Q618. A can finish a work in 10 days and B in 20 days. In how many days can they finish it together?

- (A) 20.0
- (B) 10
- (C) 6.67
- (D) 15.0

Answer: C

Explanation: Combined rate = $1/10 + 1/20 = (30)/200$; time = $200/30 = 6.67$ days.

Q619. An item costs Rs. 750. At a profit of 25%, what is the selling price?

- (A) 800
- (B) 937.5
- (C) 562.5
- (D) 775

Answer: B

Explanation: Selling price = $750 \times (1 + 25/100) = \text{Rs. } 937.5$.

Q620. Find the average of 75, 26, 40, 11, 68.

- (A) 44
- (B) 42
- (C) 46
- (D) 55.0

Answer: A

Explanation: Average = sum / count = $220/5 = 44$.

Q621. Two quantities are in the ratio 4:5. If their total is 54, what is the first quantity?

- (A) 54
- (B) 24
- (C) 30
- (D) 6

Answer: B

Explanation: Total parts = 9. One part = $54/9 = 6$; first quantity = $4 \times 6 = 24$.

Q622. Find the average of 60, 27, 62, 40, 75.

- (A) 52.8
- (B) 66.0
- (C) 54.8
- (D) 50.8

Answer: A

Explanation: Average = sum / count = $264/5 = 52.8$.

Q623. Find the simple interest on Rs. 2000 at 8% per annum for 3 years.

- (A) 280
- (B) 680
- (C) 160
- (D) 480

Answer: D

Explanation: $SI = PRT/100 = 2000 \times 8 \times 3/100 = \text{Rs. } 480$.

Q624. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

- (A) 16.0
- (B) 42.5
- (C) 100
- (D) 120.0

Answer: C

Explanation: Distance = speed x time = $40 \times 2.5 = 100 \text{ km}$.

Q625. What is 10% of 180?

- (A) 18
- (B) 36.0
- (C) 27.0
- (D) 9.0

Answer: A

Explanation: $10\% \text{ of } 180 = (10/100) \times 180 = 18.$

Q626. Two quantities are in the ratio 5:7. If their total is 192, what is the first quantity?

- (A) 112
- (B) 80
- (C) 192
- (D) 32

Answer: B

Explanation: Total parts = 12. One part = $192/12 = 16$; first quantity = $5 \times 16 = 80.$

Q627. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 180.0
- (B) 210
- (C) 220
- (D) 694

Answer: C

Explanation: Selling price = $200 \times (1 + 10/100) = \text{Rs. } 220.$

Q628. Find the simple interest on Rs. 3000 at 10% per annum for 2 years.

- (A) 600
- (B) 300
- (C) 900
- (D) 852

Answer: A

Explanation: $SI = PRT/100 = 3000 \times 10 \times 2/100 = \text{Rs. } 600.$

Q629. Two quantities are in the ratio 3:5. If their total is 32, what is the first quantity?

- (A) 12
- (B) 20
- (C) 8
- (D) 32

Answer: A

Explanation: Total parts = 8. One part = $32/8 = 4$; first quantity = $3 \times 4 = 12.$

Q630. An item costs Rs. 400. At a profit of 10%, what is the selling price?

- (A) 420
- (B) 440
- (C) 410
- (D) 360.0

Answer: B

Explanation: Selling price = $400 \times (1 + 10/100) = \text{Rs. } 440.$

Q631. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

- (A) 14
- (B) 17.14
- (C) 7.06
- (D) 17.0

Answer: C

Explanation: Combined rate = $1/10 + 1/24 = (34)/240$; time = $240/34 = 7.06$ days.

Q632. Find the simple interest on Rs. 1500 at 5% per annum for 4 years.

- (A) 450
- (B) 75
- (C) 300
- (D) 150

Answer: C

Explanation: $SI = PRT/100 = 1500 \times 5 \times 4/100 = \text{Rs. } 300$.

Q633. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

- (A) 12.0
- (B) 75
- (C) 32.5
- (D) 90.0

Answer: B

Explanation: Distance = speed $\times$ time = $30 \times 2.5 = 75$ km.

Q634. A can finish a work in 18 days and B in 32 days. In how many days can they finish it together?

- (A) 0
- (B) 324.0
- (C) 9.0
- (D) 18.0

Answer: C

Explanation: Combined rate = $1/18 + 1/32 = (36)/324$; time = $324/36 = 9.0$ days.

Q635. What is 15% of 400?

- (A) 60
- (B) 40.0
- (C) 80.0
- (D) 100.0

Answer: A

Explanation: 15% of 400 = $(15/100) \times 400 = 60$.

Q636. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

- (A) 5
- (B) 17.5
- (C) 8.57
- (D) 60.0

Answer: C

Explanation: Combined rate = $1/15 + 1/20 = (35)/300$; time = $300/35 = 8.57$ days.

Q637. An item costs Rs. 400. At a profit of 15%, what is the selling price?

- (A) 415
- (B) 340.0
- (C) 430
- (D) 460

Answer: D

Explanation: Selling price = $400 \times (1 + 15/100) = \text{Rs. } 460$.

Q638. Two quantities are in the ratio 2:3. If their total is 40, what is the first quantity?

- (A) 24
- (B) 8
- (C) 40
- (D) 16

Answer: D

Explanation: Total parts = 5. One part = $40/5 = 8$; first quantity = $2 \times 8 = 16$.

Q639. 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 = $500 \times (1 + 30/100) = \text{Rs. } 650$.

Q640. 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 = $50 \times 2 = 100$ km.

Q641. Find the simple interest on Rs. 4000 at 10% per annum for 3 years.

- (A) 1600
- (B) 400
- (C) 800
- (D) 1200

Answer: D

Explanation: $SI = PRT/100 = 4000 \times 10 \times 3/100 = \text{Rs. } 1200$.

Q642. Find the simple interest on Rs. 1500 at 5% per annum for 2 years.

- (A) 150
- (B) 1
- (C) 300
- (D) 75

Answer: A

Explanation: $SI = PRT/100 = 1500 \times 5 \times 2/100 = \text{Rs. } 150$.

Q643. An item costs Rs. 800. At a profit of 30%, what is the selling price?

- (A) 560.0
- (B) 1040
- (C) 830
- (D) 860

Answer: B

Explanation: Selling price = $800 \times (1 + 30/100)$ = Rs. 1040.

Q644. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

- (A) 52.5
- (B) 150.0
- (C) 20.0
- (D) 125

Answer: D

Explanation: Distance = speed $\times$ time = 50×2.5 = 125 km.

Q645. 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.

Q646. An item costs Rs. 320. At a profit of 20%, what is the selling price?

- (A) 384
- (B) 256.0
- (C) 340
- (D) 360

Answer: A

Explanation: Selling price = $320 \times (1 + 20/100)$ = Rs. 384.

Q647. Find the simple interest on Rs. 5000 at 6% per annum for 4 years.

- (A) 1200
- (B) 700
- (C) 1700
- (D) 300

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 6 \times 4/100$ = Rs. 1200.

Q648. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

- (A) 180.0
- (B) 160
- (C) 44
- (D) 10.0

Answer: B

Explanation: Distance = speed $\times$ time = 40×4 = 160 km.

Q649. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

- (A) 24.0
- (B) 45.0
- (C) 12
- (D) 11.25

Answer: D

Explanation: Combined rate = $\frac{1}{18} + \frac{1}{30} = \frac{48}{540}$; time = $\frac{540}{48} = 11.25$ days.

Q650. An item costs Rs. 320. At a profit of 10%, what is the selling price?

- (A) 288.0
- (B) 352
- (C) 330
- (D) 340

Answer: B

Explanation: Selling price = $320 \times (1 + \frac{10}{100}) = \text{Rs. } 352$.

Q651. An item costs Rs. 250. At a profit of 30%, what is the selling price?

- (A) 325
- (B) 280
- (C) 175.0
- (D) 310

Answer: A

Explanation: Selling price = $250 \times (1 + \frac{30}{100}) = \text{Rs. } 325$.

Q652. Find the simple interest on Rs. 5000 at 6% per annum for 4 years.

- (A) 300
- (B) 1200
- (C) 1700
- (D) 700

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{5000 \times 6 \times 4}{100} = \text{Rs. } 1200$.

Q653. Two quantities are in the ratio 3:4. If their total is 63, what is the first quantity?

- (A) 36
- (B) 9
- (C) 27
- (D) 63

Answer: C

Explanation: Total parts = 7. One part = $\frac{63}{7} = 9$; first quantity = $3 \times 9 = 27$.

Q654. A can finish a work in 18 days and B in 24 days. In how many days can they finish it together?

- (A) 72.0
- (B) 10.29
- (C) 21.0
- (D) 6

Answer: B

Explanation: Combined rate = $\frac{1}{18} + \frac{1}{24} = \frac{42}{432}$; time = $\frac{432}{42} = 10.29$ days.

Q655. Find the simple interest on Rs. 3000 at 8% per annum for 2 years.

- (A) 780
- (B) 180
- (C) 480
- (D) 240

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 8 \times 2}{100} = \text{Rs. } 480.$

Q656. Two quantities are in the ratio 3:5. If their total is 56, what is the first quantity?

- (A) 21
- (B) 56
- (C) 14
- (D) 35

Answer: A

Explanation: Total parts = 8. One part = $56/8 = 7$; first quantity = $3 \times 7 = 21.$

Q657. An item costs Rs. 400. At a profit of 20%, what is the selling price?

- (A) 320.0
- (B) 440
- (C) 480
- (D) 420

Answer: C

Explanation: Selling price = $400 \times (1 + 20/100) = \text{Rs. } 480.$

Q658. Find the average of 21, 64, 59, 70, 27.

- (A) 60.2
- (B) 48.2
- (C) 50.2
- (D) 46.2

Answer: B

Explanation: Average = $\text{sum} / \text{count} = 241/5 = 48.2.$

Q659. An item costs Rs. 500. At a profit of 10%, what is the selling price?

- (A) 520
- (B) 510
- (C) 450.0
- (D) 550

Answer: D

Explanation: Selling price = $500 \times (1 + 10/100) = \text{Rs. } 550.$

Q660. Two quantities are in the ratio 7:9. If their total is 208, what is the first quantity?

- (A) 26
- (B) 117
- (C) 208
- (D) 91

Answer: D

Explanation: Total parts = 16. One part = $208/16 = 13$; first quantity = $7 \times 13 = 91.$

Q661. Find the average of 20, 20, 13, 71, 44.

- (A) 35.6
- (B) 33.6
- (C) 42.0
- (D) 31.6

Answer: B

Explanation: Average = sum / count = $168/5 = 33.6$.

Q662. Find the average of 10, 49, 47, 72, 32.

- (A) 52.5
- (B) 42
- (C) 40
- (D) 44

Answer: B

Explanation: Average = sum / count = $210/5 = 42$.

Q663. Two quantities are in the ratio 5:7. If their total is 132, what is the first quantity?

- (A) 132
- (B) 22
- (C) 55
- (D) 77

Answer: C

Explanation: Total parts = 12. One part = $132/12 = 11$; first quantity = $5 \times 11 = 55$.

Q664. 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) 10.0
- (C) 30.0
- (D) 22.5

Answer: B

Explanation: Combined rate = $1/15 + 1/30 = (45)/450$; time = $450/45 = 10.0$ days.

Q665. What is 25% of 240?

- (A) 48.0
- (B) 60
- (C) 84.0
- (D) 72.0

Answer: B

Explanation: 25% of 240 = $(25/100) \times 240 = 60$.

Q666. Find the average of 56, 63, 43, 70, 15.

- (A) 61.8
- (B) 47.4
- (C) 49.4
- (D) 51.4

Answer: C

Explanation: Average = sum / count = $247/5 = 49.4$.

Q667. An item costs Rs. 200. At a profit of 15%, what is the selling price?

- (A) 230
- (B) 170.0
- (C) 215
- (D) 954

Answer: A

Explanation: Selling price = $200 \times (1 + 15/100) = \text{Rs. } 230$.

Q668. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

- (A) 12.0
- (B) 32.5
- (C) 75
- (D) 90.0

Answer: C

Explanation: Distance = speed $\times$ time = $30 \times 2.5 = 75$ km.

Q669. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

- (A) 16.0
- (B) 100
- (C) 120.0
- (D) 42.5

Answer: B

Explanation: Distance = speed $\times$ time = $40 \times 2.5 = 100$ km.

Q670. Two quantities are in the ratio 7:9. If their total is 80, what is the first quantity?

- (A) 35
- (B) 10
- (C) 80
- (D) 45

Answer: A

Explanation: Total parts = 16. One part = $80/16 = 5$; first quantity = $7 \times 5 = 35$.

Q671. Find the average of 56, 14, 58, 79, 50.

- (A) 53.4
- (B) 49.4
- (C) 51.4
- (D) 64.2

Answer: C

Explanation: Average = sum / count = $257/5 = 51.4$.

Q672. What is 75% of 600?

- (A) 450
- (B) 510.0
- (C) 420.0
- (D) 480.0

Answer: A

Explanation: 75% of 600 = $(75/100) \times 600 = 450$.

Q673. Two quantities are in the ratio 3:4. If their total is 63, what is the first quantity?

- (A) 9
- (B) 36
- (C) 63
- (D) 27

Answer: D

Explanation: Total parts = 7. One part = $63/7 = 9$; first quantity = $3 \times 9 = 27$.

Q674. Two quantities are in the ratio 3:5. If their total is 80, what is the first quantity?

- (A) 80
- (B) 30
- (C) 20
- (D) 50

Answer: B

Explanation: Total parts = 8. One part = $80/8 = 10$; first quantity = $3 \times 10 = 30$.

Q675. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

- (A) 49
- (B) 11.25
- (C) 180
- (D) 202.5

Answer: C

Explanation: Distance = speed $\times$ time = $45 \times 4 = 180$ km.

Q676. Find the average of 71, 34, 73, 51, 46.

- (A) 68.8
- (B) 57
- (C) 53
- (D) 55

Answer: D

Explanation: Average = sum / count = $275/5 = 55$.

Q677. Two quantities are in the ratio 7:9. If their total is 256, what is the first quantity?

- (A) 256
- (B) 112
- (C) 32
- (D) 144

Answer: B

Explanation: Total parts = 16. One part = $256/16 = 16$; first quantity = $7 \times 16 = 112$.

Q678. An item costs Rs. 800. At a profit of 30%, what is the selling price?

- (A) 560.0
- (B) 1040
- (C) 830
- (D) 860

Answer: B

Explanation: Selling price = $800 \times (1 + 30/100) = \text{Rs. } 1040$.

Q679. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

- (A) 53.5
- (B) 200.0
- (C) 175
- (D) 14.29

Answer: C

Explanation: Distance = speed x time = $50 \times 3.5 = 175$ km.

Q680. An item costs Rs. 600. At a profit of 15%, what is the selling price?

- (A) 630
- (B) 615
- (C) 690
- (D) 510.0

Answer: C

Explanation: Selling price = $600 \times (1 + 15/100) = \text{Rs. } 690$.

Q681. An item costs Rs. 500. At a profit of 20%, what is the selling price?

- (A) 600
- (B) 540
- (C) 520
- (D) 400.0

Answer: A

Explanation: Selling price = $500 \times (1 + 20/100) = \text{Rs. } 600$.

Q682. An item costs Rs. 750. At a profit of 20%, what is the selling price?

- (A) 770
- (B) 600.0
- (C) 790
- (D) 900

Answer: D

Explanation: Selling price = $750 \times (1 + 20/100) = \text{Rs. } 900$.

Q683. Find the average of 49, 42, 12, 28, 49.

- (A) 38
- (B) 34
- (C) 45.0
- (D) 36

Answer: D

Explanation: Average = sum / count = $180/5 = 36$.

Q684. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

- (A) 180.0
- (B) 36.0
- (C) 144
- (D) 74

Answer: C

Explanation: Distance = speed x time = $72 \times 2 = 144$ km.

Q685. A can finish a work in 12 days and B in 30 days. In how many days can they finish it together?

- (A) 20.0
- (B) 21.0
- (C) 8.57
- (D) 18

Answer: C

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q686. Find the average of 64, 74, 27, 66, 67.

- (A) 74.5
- (B) 57.6
- (C) 59.6
- (D) 61.6

Answer: C

Explanation: Average = sum / count = $298/5 = 59.6$.

Q687. Find the average of 28, 20, 23, 13, 68.

- (A) 28.4
- (B) 38.0
- (C) 32.4
- (D) 30.4

Answer: D

Explanation: Average = sum / count = $152/5 = 30.4$.

Q688. Find the average of 63, 57, 14, 13, 63.

- (A) 42
- (B) 52.5
- (C) 40
- (D) 44

Answer: A

Explanation: Average = sum / count = $210/5 = 42$.

Q689. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 60
- (B) 15.0
- (C) 32
- (D) 75.0

Answer: A

Explanation: Distance = speed x time = $30 \times 2 = 60$ km.

Q690. An item costs Rs. 500. At a profit of 30%, what is the selling price?

- (A) 560
- (B) 530
- (C) 350.0
- (D) 650

Answer: D

Explanation: Selling price = $500 \times (1 + 30/100) = \text{Rs. } 650$.

Q691. Find the average of 20, 26, 57, 37, 20.

- (A) 30
- (B) 34
- (C) 40.0
- (D) 32

Answer: D

Explanation: Average = sum / count = $160/5 = 32$.

Q692. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

- (A) 180.0
- (B) 12.86
- (C) 48.5
- (D) 157.5

Answer: D

Explanation: Distance = speed x time = $45 \times 3.5 = 157.5$ km.

Q693. A can finish a work in 10 days and B in 20 days. In how many days can they finish it together?

- (A) 20.0
- (B) 10
- (C) 15.0
- (D) 6.67

Answer: D

Explanation: Combined rate = $1/10 + 1/20 = (30)/200$; time = $200/30 = 6.67$ days.

Q694. 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.

Q695. Find the average of 72, 22, 33, 39, 51.

- (A) 45.4
- (B) 41.4
- (C) 43.4
- (D) 54.2

Answer: C

Explanation: Average = sum / count = $217/5 = 43.4$.

Q696. Two quantities are in the ratio 7:9. If their total is 208, what is the first quantity?

- (A) 91
- (B) 208
- (C) 117
- (D) 26

Answer: A

Explanation: Total parts = 16. One part = $208/16 = 13$; first quantity = $7 \times 13 = 91$.

Q697. Two quantities are in the ratio 2:3. If their total is 25, what is the first quantity?

- (A) 25
- (B) 5
- (C) 10
- (D) 15

Answer: C

Explanation: Total parts = 5. One part = $25/5 = 5$; first quantity = $2 \times 5 = 10$.

Q698. A can finish a work in 12 days and B in 20 days. In how many days can they finish it together?

- (A) 30.0
- (B) 7.5
- (C) 16.0
- (D) 8

Answer: B

Explanation: Combined rate = $1/12 + 1/20 = (32)/240$; time = $240/32 = 7.5$ days.

Q699. A vehicle travels at 36 km/h for 3 hours. What distance does it cover?

- (A) 108
- (B) 126.0
- (C) 12.0
- (D) 39

Answer: A

Explanation: Distance = speed $\times$ time = $36 \times 3 = 108$ km.

Q700. Two quantities are in the ratio 3:5. If their total is 104, what is the first quantity?

- (A) 26
- (B) 39
- (C) 104
- (D) 65

Answer: B

Explanation: Total parts = 8. One part = $104/8 = 13$; first quantity = $3 \times 13 = 39$.

Q701. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 5
- (B) 45
- (C) 25
- (D) 20

Answer: D

Explanation: Total parts = 9. One part = $45/9 = 5$; first quantity = $4 \times 5 = 20$.

Q702. What is 20% of 250?

- (A) 62.5
- (B) 50
- (C) 75.0
- (D) 37.5

Answer: B

Explanation: 20% of 250 = $(20/100) \times 250 = 50$.

Q703. A vehicle travels at 45 km/h for 3 hours. What distance does it cover?

- (A) 157.5
- (B) 48
- (C) 135
- (D) 15.0

Answer: C

Explanation: Distance = speed x time = $45 \times 3 = 135$ km.

Q704. Find the simple interest on Rs. 1200 at 6% per annum for 2 years.

- (A) 24
- (B) 72
- (C) 264
- (D) 144

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 6 \times 2}{100} = \text{Rs. } 144$.

Q705. Find the average of 78, 55, 40, 40, 10.

- (A) 55.8
- (B) 42.6
- (C) 46.6
- (D) 44.6

Answer: D

Explanation: Average = sum / count = $223/5 = 44.6$.

Q706. What is 60% of 200?

- (A) 120
- (B) 130.0
- (C) 110.0
- (D) 140.0

Answer: A

Explanation: 60% of 200 = $(60/100) \times 200 = 120$.

Q707. Two quantities are in the ratio 7:9. If their total is 208, what is the first quantity?

- (A) 117
- (B) 91
- (C) 26
- (D) 208

Answer: B

Explanation: Total parts = 16. One part = $208/16 = 13$; first quantity = $7 \times 13 = 91$.

Q708. Two quantities are in the ratio 2:3. If their total is 70, what is the first quantity?

- (A) 70
- (B) 28
- (C) 14
- (D) 42

Answer: B

Explanation: Total parts = 5. One part = $70/5 = 14$; first quantity = $2 \times 14 = 28$.

Q709. A can finish a work in 12 days and B in 20 days. In how many days can they finish it together?

- (A) 16.0
- (B) 30.0
- (C) 7.5
- (D) 8

Answer: C

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{20} = \frac{32}{240}$; time = $\frac{240}{32} = 7.5$ days.

Q710. Two quantities are in the ratio 3:5. If their total is 104, what is the first quantity?

- (A) 26
- (B) 39
- (C) 65
- (D) 104

Answer: B

Explanation: Total parts = 8. One part = $104/8 = 13$; first quantity = $3 \times 13 = 39$.

Q711. Find the simple interest on Rs. 3000 at 8% per annum for 3 years.

- (A) 1020
- (B) 420
- (C) 720
- (D) 240

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 8 \times 3}{100} = \text{Rs. } 720$.

Q712. Two quantities are in the ratio 3:5. If their total is 136, what is the first quantity?

- (A) 136
- (B) 51
- (C) 34
- (D) 85

Answer: B

Explanation: Total parts = 8. One part = $136/8 = 17$; first quantity = $3 \times 17 = 51$.

Q713. Find the average of 51, 54, 13, 50, 20.

- (A) 35.6
- (B) 47.0
- (C) 39.6
- (D) 37.6

Answer: D

Explanation: Average = sum / count = $188/5 = 37.6$.

Q714. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

- (A) 12.0
- (B) 75
- (C) 90.0
- (D) 32.5

Answer: B

Explanation: Distance = speed x time = $30 \times 2.5 = 75$ km.

Q715. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

- (A) 4.5
- (B) 9.0
- (C) 12
- (D) 12.0

Answer: A

Explanation: Combined rate = $1/6 + 1/18 = (24)/108$; time = $108/24 = 4.5$ days.

Q716. Two quantities are in the ratio 3:5. If their total is 144, what is the first quantity?

- (A) 90
- (B) 144
- (C) 54
- (D) 36

Answer: C

Explanation: Total parts = 8. One part = $144/8 = 18$; first quantity = $3 \times 18 = 54$.

Q717. Find the average of 46, 28, 53, 22, 23.

- (A) 43.0
- (B) 36.4
- (C) 34.4
- (D) 32.4

Answer: C

Explanation: Average = sum / count = $172/5 = 34.4$.

Q718. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 56
- (B) 108
- (C) 27.0
- (D) 135.0

Answer: B

Explanation: Distance = speed x time = $54 \times 2 = 108$ km.

Q719. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 4.62
- (B) 14
- (C) 13.0
- (D) 8.57

Answer: A

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q720. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

- (A) 144
- (B) 74
- (C) 36.0
- (D) 180.0

Answer: A

Explanation: Distance = speed x time = $72 \times 2 = 144$ km.

Q721. An item costs Rs. 500. At a profit of 25%, what is the selling price?

- (A) 375.0
- (B) 550
- (C) 525
- (D) 625

Answer: D

Explanation: Selling price = $500 \times (1 + 25/100) = \text{Rs. } 625$.

Q722. Two quantities are in the ratio 5:7. If their total is 96, what is the first quantity?

- (A) 16
- (B) 40
- (C) 56
- (D) 96

Answer: B

Explanation: Total parts = 12. One part = $96/12 = 8$; first quantity = $5 \times 8 = 40$.

Q723. Find the simple interest on Rs. 1000 at 8% per annum for 4 years.

- (A) 420
- (B) 220
- (C) 320
- (D) 80

Answer: C

Explanation: $SI = PRT/100 = 1000 \times 8 \times 4/100 = \text{Rs. } 320$.

Q724. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 27.0
- (B) 56
- (C) 108
- (D) 135.0

Answer: C

Explanation: Distance = speed $\times$ time = $54 \times 2 = 108 \text{ km}$.

Q725. A can finish a work in 18 days and B in 32 days. In how many days can they finish it together?

- (A) 9.0
- (B) 324.0
- (C) 0
- (D) 18.0

Answer: A

Explanation: Combined rate = $1/18 + 1/32 = (36)/324$; time = $324/36 = 9.0$ days.

Q726. A can finish a work in 12 days and B in 30 days. In how many days can they finish it together?

- (A) 20.0
- (B) 18
- (C) 8.57
- (D) 21.0

Answer: C

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q727. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

- (A) 7.5
- (B) 20.0
- (C) 15.0
- (D) 20

Answer: A

Explanation: Combined rate = $1/10 + 1/30 = (40)/300$; time = $300/40 = 7.5$ days.

Q728. A can finish a work in 15 days and B in 15 days. In how many days can they finish it together?

- (A) 0
- (B) 225.0
- (C) 15.0
- (D) 7.5

Answer: D

Explanation: Combined rate = $1/15 + 1/15 = (30)/225$; time = $225/30 = 7.5$ days.

Q729. Find the average of 28, 62, 67, 27, 47.

- (A) 48.2
- (B) 46.2
- (C) 44.2
- (D) 57.8

Answer: B

Explanation: Average = sum / count = $231/5 = 46.2$.

Q730. An item costs Rs. 500. At a profit of 20%, what is the selling price?

- (A) 540
- (B) 400.0
- (C) 520
- (D) 600

Answer: D

Explanation: Selling price = $500 \times (1 + 20/100) = \text{Rs. } 600$.

Q731. Find the simple interest on Rs. 3000 at 6% per annum for 4 years.

- (A) 1020
- (B) 420
- (C) 180
- (D) 720

Answer: D

Explanation: $SI = PRT/100 = 3000 \times 6 \times 4/100 = \text{Rs. } 720$.

Q732. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 180.0
- (B) 220
- (C) 612
- (D) 210

Answer: B

Explanation: Selling price = $200 \times (1 + 10/100) = \text{Rs. } 220$.

Q733. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 32
- (B) 60
- (C) 15.0
- (D) 75.0

Answer: B

Explanation: Distance = speed x time = $30 \times 2 = 60$ km.

Q734. Two quantities are in the ratio 2:3. If their total is 75, what is the first quantity?

- (A) 45
- (B) 75
- (C) 30
- (D) 15

Answer: C

Explanation: Total parts = 5. One part = $75/5 = 15$; first quantity = $2 \times 15 = 30$.

Q735. Two quantities are in the ratio 3:5. If their total is 120, what is the first quantity?

- (A) 45
- (B) 120
- (C) 30
- (D) 75

Answer: A

Explanation: Total parts = 8. One part = $120/8 = 15$; first quantity = $3 \times 15 = 45$.

Q736. An item costs Rs. 240. At a profit of 10%, what is the selling price?

- (A) 250
- (B) 264
- (C) 260
- (D) 216.0

Answer: B

Explanation: Selling price = $240 \times (1 + 10/100) = \text{Rs. } 264$.

Q737. A can finish a work in 20 days and B in 12 days. In how many days can they finish it together?

- (A) 16.0
- (B) 8
- (C) 240.0
- (D) 7.5

Answer: D

Explanation: Combined rate = $1/20 + 1/12 = (32)/240$; time = $240/32 = 7.5$ days.

Q738. Two quantities are in the ratio 3:5. If their total is 32, what is the first quantity?

- (A) 12
- (B) 32
- (C) 20
- (D) 8

Answer: A

Explanation: Total parts = 8. One part = $32/8 = 4$; first quantity = $3 \times 4 = 12$.

Q739. Find the average of 12, 76, 73, 52, 53.

- (A) 55.2
- (B) 66.5
- (C) 53.2
- (D) 51.2

Answer: C

Explanation: Average = sum / count = $266/5 = 53.2$.

Q740. 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.

Q741. An item costs Rs. 240. At a profit of 30%, what is the selling price?

- (A) 300
- (B) 270
- (C) 312
- (D) 168.0

Answer: C

Explanation: Selling price = $240 \times (1 + 30/100) = \text{Rs. } 312$.

Q742. What is 10% of 120?

- (A) 24.0
- (B) 18.0
- (C) 12
- (D) 6.0

Answer: C

Explanation: 10% of 120 = $(10/100) \times 120 = 12$.

Q743. What is 30% of 600?

- (A) 180
- (B) 210.0
- (C) 150.0
- (D) 240.0

Answer: A

Explanation: 30% of 600 = $(30/100) \times 600 = 180$.

Q744. Two quantities are in the ratio 5:7. If their total is 216, what is the first quantity?

- (A) 36
- (B) 216
- (C) 126
- (D) 90

Answer: D

Explanation: Total parts = 12. One part = $216/12 = 18$; first quantity = $5 \times 18 = 90$.

Q745. Find the average of 38, 76, 49, 61, 40.

- (A) 50.8
- (B) 52.8
- (C) 54.8
- (D) 66.0

Answer: B

Explanation: Average = sum / count = $264/5 = 52.8$.

Q746. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 12
- (B) 8.0
- (C) 18.0
- (D) 24.0

Answer: B

Explanation: Combined rate = $1/12 + 1/24 = (36)/288$; time = $288/36 = 8.0$ days.

Q747. An item costs Rs. 400. At a profit of 30%, what is the selling price?

- (A) 460
- (B) 520
- (C) 430
- (D) 280.0

Answer: B

Explanation: Selling price = $400 \times (1 + 30/100) = \text{Rs. } 520$.

Q748. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 225.0
- (B) 12.5
- (C) 200
- (D) 54

Answer: C

Explanation: Distance = speed x time = $50 \times 4 = 200$ km.

Q749. Two quantities are in the ratio 3:4. If their total is 56, what is the first quantity?

- (A) 8
- (B) 56
- (C) 32
- (D) 24

Answer: D

Explanation: Total parts = 7. One part = $56/7 = 8$; first quantity = $3 \times 8 = 24$.

Q750. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 91
- (B) 52
- (C) 13
- (D) 39

Answer: D

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q751. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

- (A) 22.5
- (B) 30.0
- (C) 15
- (D) 10.0

Answer: D

Explanation: Combined rate = $1/15 + 1/30 = (45)/450$; time = $450/45 = 10.0$ days.

Q752. Find the average of 23, 46, 33, 51, 50.

- (A) 42.6
- (B) 38.6
- (C) 50.8
- (D) 40.6

Answer: D

Explanation: Average = sum / count = $203/5 = 40.6$.

Q753. An item costs Rs. 240. At a profit of 12%, what is the selling price?

- (A) 268.8
- (B) 211.2
- (C) 264
- (D) 252

Answer: A

Explanation: Selling price = $240 \times (1 + 12/100) = \text{Rs. } 268.8$.

Q754. What is 50% of 180?

- (A) 81.0
- (B) 99.0
- (C) 108.0
- (D) 90

Answer: D

Explanation: 50% of 180 = $(50/100) \times 180 = 90$.

Q755. Two quantities are in the ratio 4:5. If their total is 144, what is the first quantity?

- (A) 144
- (B) 64
- (C) 16
- (D) 80

Answer: B

Explanation: Total parts = 9. One part = $144/9 = 16$; first quantity = $4 \times 16 = 64$.

Q756. Two quantities are in the ratio 2:3. If their total is 50, what is the first quantity?

- (A) 10
- (B) 20
- (C) 30
- (D) 50

Answer: B

Explanation: Total parts = 5. One part = $50/5 = 10$; first quantity = $2 \times 10 = 20$.

Q757. Find the average of 19, 52, 73, 80, 36.

- (A) 50
- (B) 54
- (C) 65.0
- (D) 52

Answer: D

Explanation: Average = sum / count = $260/5 = 52$.

Q758. 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 = $2 \times 18 = 36$.

Q759. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 70
- (B) 10
- (C) 30
- (D) 40

Answer: C

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q760. Find the simple interest on Rs. 5000 at 12% per annum for 4 years.

- (A) 2900
- (B) 600
- (C) 1900
- (D) 2400

Answer: D

Explanation: $SI = \frac{PRT}{100} = 5000 \times 12 \times 4/100 = \text{Rs. } 2400$.

Q761. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

- (A) 189
- (B) 57.5
- (C) 15.43
- (D) 216.0

Answer: A

Explanation: Distance = speed $\times$ time = $54 \times 3.5 = 189$ km.

Q762. Two quantities are in the ratio 2:3. If their total is 45, what is the first quantity?

- (A) 45
- (B) 18
- (C) 27
- (D) 9

Answer: B

Explanation: Total parts = 5. One part = $45/5 = 9$; first quantity = $2 \times 9 = 18$.

Q763. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

- (A) 150.0
- (B) 62
- (C) 120
- (D) 30.0

Answer: C

Explanation: Distance = speed x time = $60 \times 2 = 120$ km.

Q764. What is 40% of 480?

- (A) 216.0
- (B) 192
- (C) 168.0
- (D) 240.0

Answer: B

Explanation: 40% of 480 = $(40/100) \times 480 = 192$.

Q765. 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) 8.57
- (C) 17.5
- (D) 5

Answer: B

Explanation: Combined rate = $1/15 + 1/20 = (35)/300$; time = $300/35 = 8.57$ days.

Q766. What is 40% of 800?

- (A) 280.0
- (B) 400.0
- (C) 320
- (D) 360.0

Answer: C

Explanation: 40% of 800 = $(40/100) \times 800 = 320$.

Q767. A vehicle travels at 30 km/h for 3 hours. What distance does it cover?

- (A) 105.0
- (B) 10.0
- (C) 33
- (D) 90

Answer: D

Explanation: Distance = speed x time = $30 \times 3 = 90$ km.

Q768. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

- (A) 52.5
- (B) 20.0
- (C) 125
- (D) 150.0

Answer: C

Explanation: Distance = speed x time = $50 \times 2.5 = 125$ km.

Q769. Find the average of 70, 13, 19, 48, 26.

- (A) 37.2
- (B) 33.2
- (C) 35.2
- (D) 44.0

Answer: C

Explanation: Average = sum / count = $176/5 = 35.2$.

Q770. What is 30% of 160?

- (A) 56.0
- (B) 48
- (C) 64.0
- (D) 40.0

Answer: B

Explanation: 30% of 160 = $(30/100) \times 160 = 48$.

Q771. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 108
- (B) 63
- (C) 45
- (D) 18

Answer: C

Explanation: Total parts = 12. One part = $108/12 = 9$; first quantity = $5 \times 9 = 45$.

Q772. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

- (A) 162.0
- (B) 21.6
- (C) 56.5
- (D) 135

Answer: D

Explanation: Distance = speed x time = $54 \times 2.5 = 135$ km.

Q773. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 38
- (B) 90.0
- (C) 72
- (D) 18.0

Answer: C

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q774. 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) 15.0
- (C) 20
- (D) 7.5

Answer: D

Explanation: Combined rate = $1/10 + 1/30 = (40)/300$; time = $300/40 = 7.5$ days.

Q775. An item costs Rs. 500. At a profit of 25%, what is the selling price?

- (A) 525
- (B) 625
- (C) 375.0
- (D) 550

Answer: B

Explanation: Selling price = $500 \times (1 + 25/100)$ = Rs. 625.

Q776. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 528.0
- (B) 624
- (C) 612
- (D) 672

Answer: D

Explanation: Selling price = $600 \times (1 + 12/100)$ = Rs. 672.

Q777. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 40
- (B) 70
- (C) 10
- (D) 30

Answer: D

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q778. An item costs Rs. 400. At a profit of 25%, what is the selling price?

- (A) 425
- (B) 300.0
- (C) 450
- (D) 500

Answer: D

Explanation: Selling price = $400 \times (1 + 25/100)$ = Rs. 500.

Q779. An item costs Rs. 500. At a profit of 15%, what is the selling price?

- (A) 530
- (B) 575
- (C) 425.0
- (D) 515

Answer: B

Explanation: Selling price = $500 \times (1 + 15/100)$ = Rs. 575.

Q780. Two quantities are in the ratio 3:4. If their total is 63, what is the first quantity?

- (A) 27
- (B) 36
- (C) 63
- (D) 9

Answer: A

Explanation: Total parts = 7. One part = $63/7 = 9$; first quantity = $3 \times 9 = 27$.

Q781. An item costs Rs. 240. At a profit of 12%, what is the selling price?

- (A) 252
- (B) 211.2
- (C) 264
- (D) 268.8

Answer: D

Explanation: Selling price = $240 \times (1 + 12/100) = \text{Rs. } 268.8$.

Q782. What is 10% of 150?

- (A) 15
- (B) 7.5
- (C) 22.5
- (D) 30.0

Answer: A

Explanation: 10% of 150 = $(10/100) \times 150 = 15$.

Q783. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

- (A) 324.0
- (B) 76
- (C) 288
- (D) 18.0

Answer: C

Explanation: Distance = speed $\times$ time = $72 \times 4 = 288$ km.

Q784. Find the simple interest on Rs. 4000 at 10% per annum for 3 years.

- (A) 800
- (B) 400
- (C) 1200
- (D) 1600

Answer: C

Explanation: $SI = PRT/100 = 4000 \times 10 \times 3/100 = \text{Rs. } 1200$.

Q785. Find the simple interest on Rs. 5000 at 5% per annum for 3 years.

- (A) 293
- (B) 1250
- (C) 750
- (D) 250

Answer: C

Explanation: $SI = PRT/100 = 5000 \times 5 \times 3/100 = \text{Rs. } 750$.

Q786. Find the simple interest on Rs. 3000 at 12% per annum for 3 years.

- (A) 360
- (B) 780
- (C) 1380
- (D) 1080

Answer: D

Explanation: $SI = PRT/100 = 3000 \times 12 \times 3/100 = \text{Rs. } 1080$.

Q787. 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 = $2 \times 5 = 10$.

Q788. An item costs Rs. 750. At a profit of 30%, what is the selling price?

- (A) 525.0
- (B) 810
- (C) 975
- (D) 780

Answer: C

Explanation: Selling price = $750 \times (1 + 30/100) = \text{Rs. } 975$.

Q789. Find the simple interest on Rs. 1500 at 6% per annum for 3 years.

- (A) 270
- (B) 420
- (C) 90
- (D) 120

Answer: A

Explanation: $SI = PRT/100 = 1500 \times 6 \times 3/100 = \text{Rs. } 270$.

Q790. An item costs Rs. 320. At a profit of 12%, what is the selling price?

- (A) 332
- (B) 344
- (C) 358.4
- (D) 281.6

Answer: C

Explanation: Selling price = $320 \times (1 + 12/100) = \text{Rs. } 358.4$.

Q791. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 108.0
- (B) 90
- (C) 14.4
- (D) 38.5

Answer: B

Explanation: Distance = speed $\times$ time = $36 \times 2.5 = 90$ km.

Q792. Two quantities are in the ratio 5:7. If their total is 72, what is the first quantity?

- (A) 12
- (B) 30
- (C) 42
- (D) 72

Answer: B

Explanation: Total parts = 12. One part = $72/12 = 6$; first quantity = $5 \times 6 = 30$.

Q793. What is 15% of 750?

- (A) 75.0
- (B) 112.5
- (C) 187.5
- (D) 150.0

Answer: B

Explanation: $15\% \text{ of } 750 = (15/100) \times 750 = 112.5$.

Q794. What is 50% of 240?

- (A) 108.0
- (B) 144.0
- (C) 132.0
- (D) 120

Answer: D

Explanation: $50\% \text{ of } 240 = (50/100) \times 240 = 120$.

Q795. Two quantities are in the ratio 2:3. If their total is 90, what is the first quantity?

- (A) 36
- (B) 90
- (C) 54
- (D) 18

Answer: A

Explanation: Total parts = 5. One part = $90/5 = 18$; first quantity = $2 \times 18 = 36$.

Q796. What is 12.5% of 250?

- (A) 56.25
- (B) 43.75
- (C) 31.25
- (D) 18.75

Answer: C

Explanation: $12.5\% \text{ of } 250 = (12.5/100) \times 250 = 31.25$.

Q797. Two quantities are in the ratio 2:3. If their total is 40, what is the first quantity?

- (A) 8
- (B) 16
- (C) 24
- (D) 40

Answer: B

Explanation: Total parts = 5. One part = $40/5 = 8$; first quantity = $2 \times 8 = 16$.

Q798. What is 15% of 800?

- (A) 120
- (B) 160.0
- (C) 80.0
- (D) 200.0

Answer: A

Explanation: $15\% \text{ of } 800 = (15/100) \times 800 = 120$.

Q799. Find the simple interest on Rs. 1000 at 8% per annum for 2 years.

- (A) 80
- (B) 260
- (C) 60
- (D) 160

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 8 \times 2}{100} = \text{Rs. } 160.$

Q800. What is 25% of 360?

- (A) 126.0
- (B) 108.0
- (C) 72.0
- (D) 90

Answer: D

Explanation: $25\% \text{ of } 360 = \frac{25}{100} \times 360 = 90.$

General Intelligence & Reasoning

Q801. A person walks 10 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q802. 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.

Q803. 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.

Q804. Find the next number: 13, 17, 21, 25, 29, ?

- (A) 41
- (B) 33
- (C) 37
- (D) 29

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $29 + 4 = 33.$

Q805. A person walks 4 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 7
- (B) 1
- (C) 7.0
- (D) 5.0

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 3^2} = 5.0$ km.

Q806. Find the next number: 15, 21, 27, 33, 39, ?

- (A) 51
- (B) 45
- (C) 57
- (D) 39

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $39 + 6 = 45$.

Q807. 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 $46 + 8 = 54$.

Q808. 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.

Q809. 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.

Q810. 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.

Q811. A person walks 9 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 12.3
- (C) 4
- (D) 10.3

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 5^2} = 10.3$ km.

Q812. Find the next number: 2, 9, 16, 23, 30, ?

- (A) 37
- (B) 44
- (C) 30
- (D) 51

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $30 + 7 = 37$.

Q813. Find the next number: 19, 27, 35, 43, 51, ?

- (A) 75
- (B) 59
- (C) 51
- (D) 67

Answer: B

Explanation: The sequence increases by 8 each time, so the next number is $51 + 8 = 59$.

Q814. 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.

Q815. Find the next number: 7, 11, 15, 19, 23, ?

- (A) 23
- (B) 27
- (C) 31
- (D) 35

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $23 + 4 = 27$.

Q816. 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.

Q817. 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.

Q818. 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.

Q819. 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.

Q820. 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) 14.21
- (C) 3
- (D) 17

Answer: A

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

Q821. Find the next number: 9, 12, 15, 18, 21, ?

- (A) 27
- (B) 30
- (C) 24
- (D) 21

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $21 + 3 = 24$.

Q822. Find the next number: 11, 15, 19, 23, 27, ?

- (A) 27
- (B) 35
- (C) 39
- (D) 31

Answer: D

Explanation: The sequence increases by 4 each time, so the next number is $27 + 4 = 31$.

Q823. A person walks 5 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 13.18
- (B) 15
- (C) 11.18
- (D) 5

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 10^2} = 11.18$ km.

Q824. 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) 1
- (D) 8.4

Answer: A

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

Q825. 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.

Q826. 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.

Q827. 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.

Q828. 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.

Q829. Find the next number: 16, 25, 34, 43, 52, ?

- (A) 79
- (B) 70
- (C) 52
- (D) 61

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $52 + 9 = 61$.

Q830. 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.

Q831. A person walks 3 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 9.49
- (B) 6
- (C) 12
- (D) 11.49

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 9^2} = 9.49$ km.

Q832. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 15
- (B) 1
- (C) 10.63
- (D) 12.63

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q833. 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.

Q834. Find the next number: 18, 26, 34, 42, 50, ?

- (A) 66
- (B) 50
- (C) 58
- (D) 74

Answer: C

Explanation: The sequence increases by 8 each time, so the next number is $50 + 8 = 58$.

Q835. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) BANK
- (B) KNAB
- (C) DCPM
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q836. 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.

Q837. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 1
- (B) 15
- (C) 12.63
- (D) 10.63

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q838. 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.

Q839. Find the next number: 11, 20, 29, 38, 47, ?

- (A) 47
- (B) 65
- (C) 56
- (D) 74

Answer: C

Explanation: The sequence increases by 9 each time, so the next number is $47 + 9 = 56$.

Q840. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) DCPM
- (B) BANK
- (C) KNAB
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q841. 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.

Q842. Find the next number: 6, 13, 20, 27, 34, ?

- (A) 48
- (B) 34
- (C) 55
- (D) 41

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $34 + 7 = 41$.

Q843. 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.

Q844. Find the next number: 11, 19, 27, 35, 43, ?

- (A) 43
- (B) 59
- (C) 67
- (D) 51

Answer: D

Explanation: The sequence increases by 8 each time, so the next number is $43 + 8 = 51$.

Q845. 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.

Q846. 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) 0
- (C) 14.14
- (D) 20

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 10^2} = 14.14$ km.

Q847. 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.

Q848. A person walks 5 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 8.6
- (B) 2
- (C) 10.6
- (D) 12

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 7^2} = 8.6$ km.

Q849. 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.

Q850. 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.

Q851. A person walks 6 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 16
- (B) 11.66
- (C) 4
- (D) 13.66

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 10^2} = 11.66$ km.

Q852. 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.

Q853. 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) 12.77
- (D) 14

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 4^2} = 10.77$ km.

Q854. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: C

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

Q855. Find the next number: 6, 10, 14, 18, 22, ?

- (A) 22
- (B) 26
- (C) 34
- (D) 30

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $22 + 4 = 26$.

Q856. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: A

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

Q857. 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.

Q858. A person walks 9 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 3
- (B) 10.82
- (C) 15
- (D) 12.82

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 6^2} = 10.82$ km.

Q859. 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.

Q860. 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.

Q861. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: C

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q862. 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.

Q863. Find the next number: 3, 11, 19, 27, 35, ?

- (A) 59
- (B) 43
- (C) 35
- (D) 51

Answer: B

Explanation: The sequence increases by 8 each time, so the next number is $35 + 8 = 43$.

Q864. 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.

Q865. Find the next number: 4, 11, 18, 25, 32, ?

- (A) 39
- (B) 53
- (C) 46
- (D) 32

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $32 + 7 = 39$.

Q866. 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.

Q867. Find the next number: 15, 20, 25, 30, 35, ?

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

Answer: D

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

Q868. 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) 13
- (D) 1

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 6^2} = 9.22$ km.

Q869. A person walks 10 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 7
- (B) 13
- (C) 10.44
- (D) 12.44

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 3^2} = 10.44$ km.

Q870. A person walks 8 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 18
- (B) 12.81
- (C) 2
- (D) 14.81

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 10^2} = 12.81$ km.

Q871. A person walks 3 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 8.54
- (C) 5
- (D) 10.54

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 8^2} = 8.54$ km.

Q872. 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.

Q873. 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.

Q874. 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.

Q875. 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.

Q876. 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.

Q877. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) KNAB
- (B) DCPM
- (C) BANK
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q878. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: C

Explanation: Shift each letter forward by one: CAT -> DBU.

Q879. 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.

Q880. 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.

Q881. 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.

Q882. 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.

Q883. 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.

Q884. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: D

Explanation: Shift each letter forward by one: CODE -> DPEF.

Q885. 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.

Q886. A person walks 8 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 10.54
- (B) 5
- (C) 11
- (D) 8.54

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 3^2} = 8.54$ km.

Q887. 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.

Q888. 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.

Q889. A person walks 7 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 10
- (B) 9.62
- (C) 7.62
- (D) 4

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 3^2} = 7.62$ km.

Q890. Find the next number: 20, 29, 38, 47, 56, ?

- (A) 74
- (B) 83
- (C) 56
- (D) 65

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $56 + 9 = 65$.

Q891. 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.

Q892. Find the next number: 10, 12, 14, 16, 18, ?

- (A) 18
- (B) 24
- (C) 22
- (D) 20

Answer: D

Explanation: The sequence increases by 2 each time, so the next number is $18 + 2 = 20$.

Q893. A person walks 7 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 9.62
- (B) 7.62
- (C) 4
- (D) 10

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 3^2} = 7.62$ km.

Q894. 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.

Q895. Find the next number: 16, 21, 26, 31, 36, ?

- (A) 36
- (B) 46
- (C) 41
- (D) 51

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $36 + 5 = 41$.

Q896. 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.

Q897. 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 $\rightarrow$ DPEF.

Q898. 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.

Q899. Find the next number: 20, 25, 30, 35, 40, ?

- (A) 50
- (B) 55
- (C) 40
- (D) 45

Answer: D

Explanation: The sequence increases by 5 each time, so the next number is $40 + 5 = 45$.

Q900. Find the next number: 15, 24, 33, 42, 51, ?

- (A) 69
- (B) 78
- (C) 51
- (D) 60

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $51 + 9 = 60$.

Q901. 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.

Q902. 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.

Q903. A person walks 8 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 17
- (B) 1
- (C) 14.04
- (D) 12.04

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 9^2} = 12.04$ km.

Q904. 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 $\rightarrow$ DBU.

Q905. 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.

Q906. 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) 2
- (C) 14
- (D) 10.0

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 8^2} = 10.0$ km.

Q907. 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.

Q908. Find the next number: 19, 28, 37, 46, 55, ?

- (A) 82
- (B) 73
- (C) 55
- (D) 64

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $55 + 9 = 64$.

Q909. 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 $\rightarrow$ SBJM.

Q910. Find the next number: 14, 21, 28, 35, 42, ?

- (A) 63
- (B) 49
- (C) 56
- (D) 42

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $42 + 7 = 49$.

Q911. Find the next number: 10, 18, 26, 34, 42, ?

- (A) 50
- (B) 66
- (C) 58
- (D) 42

Answer: A

Explanation: The sequence increases by 8 each time, so the next number is $42 + 8 = 50$.

Q912. 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.

Q913. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 1
- (B) 15.45
- (C) 13.45
- (D) 19

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 10^2} = 13.45$ km.

Q914. 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.

Q915. 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.

Q916. A person walks 6 km north and then 4 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 = $\sqrt{6^2 + 4^2} = 7.21$ km.

Q917. 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.

Q918. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: B

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

Q919. A person walks 3 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 7.0
- (B) 1
- (C) 5.0
- (D) 7

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 4^2} = 5.0$ km.

Q920. A person walks 4 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 13
- (B) 5
- (C) 9.85
- (D) 11.85

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 9^2} = 9.85$ km.

Q921. Find the next number: 10, 14, 18, 22, 26, ?

- (A) 26
- (B) 34
- (C) 30
- (D) 38

Answer: C

Explanation: The sequence increases by 4 each time, so the next number is $26 + 4 = 30$.

Q922. Find the next number: 9, 18, 27, 36, 45, ?

- (A) 63
- (B) 72
- (C) 45
- (D) 54

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $45 + 9 = 54$.

Q923. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) DOG
- (B) GOD
- (C) EPH
- (D) FQI

Answer: C

Explanation: Shift each letter forward by one: DOG → EPH.

Q924. 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.

Q925. 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.

Q926. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

Explanation: Shift each letter forward by one: CAT -> DBU.

Q927. 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.

Q928. 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.

Q929. 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.

Q930. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) DCPM
- (B) BANK
- (C) KNAB
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q931. 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.

Q932. 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.

Q933. 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.

Q934. 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.

Q935. A person walks 4 km north and then 10 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 = $\sqrt{4^2 + 10^2} = 10.77$ km.

Q936. 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.

Q937. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

Explanation: Shift each letter forward by one: CAT -> DBU.

Q938. Find the next number: 12, 21, 30, 39, 48, ?

- (A) 66
- (B) 48
- (C) 75
- (D) 57

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $48 + 9 = 57$.

Q939. 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.

Q940. Find the next number: 12, 21, 30, 39, 48, ?

- (A) 66
- (B) 57
- (C) 48
- (D) 75

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $48 + 9 = 57$.

Q941. 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.

Q942. Find the next number: 6, 11, 16, 21, 26, ?

- (A) 41
- (B) 31
- (C) 36
- (D) 26

Answer: B

Explanation: The sequence increases by 5 each time, so the next number is $26 + 5 = 31$.

Q943. 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.

Q944. A person walks 7 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 12.63
- (B) 15
- (C) 1
- (D) 10.63

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 8^2} = 10.63$ km.

Q945. 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.

Q946. A person walks 4 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 10.77
- (C) 6
- (D) 12.77

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 10^2} = 10.77$ km.

Q947. 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.

Q948. A person walks 6 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 1
- (C) 9.81
- (D) 7.81

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 5^2} = 7.81$ km.

Q949. 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.

Q950. 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.

Q951. 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) 14
- (D) 10.3

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 9^2} = 10.3$ km.

Q952. 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.

Q953. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: C

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

Q954. Find the next number: 11, 18, 25, 32, 39, ?

- (A) 39
- (B) 46
- (C) 60
- (D) 53

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $39 + 7 = 46$.

Q955. 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.

Q956. 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.

Q957. Find the next number: 14, 16, 18, 20, 22, ?

- (A) 24
- (B) 26
- (C) 22
- (D) 28

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $22 + 2 = 24$.

Q958. Find the next number: 11, 15, 19, 23, 27, ?

- (A) 39
- (B) 31
- (C) 35
- (D) 27

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $27 + 4 = 31$.

Q959. 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.

Q960. 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) 13
- (C) 9.22
- (D) 1

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 6^2} = 9.22$ km.

Q961. 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.

Q962. 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.

Q963. 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.

Q964. 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.

Q965. Find the next number: 16, 20, 24, 28, 32, ?

- (A) 44
- (B) 36
- (C) 32
- (D) 40

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $32 + 4 = 36$.

Q966. 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) 2
- (D) 10.0

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 8^2} = 10.0$ km.

Q967. Find the next number: 16, 22, 28, 34, 40, ?

- (A) 52
- (B) 46
- (C) 58
- (D) 40

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $40 + 6 = 46$.

Q968. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 15.45
- (B) 1
- (C) 13.45
- (D) 19

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 10^2} = 13.45$ km.

Q969. 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.

Q970. 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.

Q971. 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.

Q972. 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.

Q973. 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.

Q974. A person walks 7 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 16
- (B) 13.4
- (C) 11.4
- (D) 2

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 9^2} = 11.4$ km.

Q975. 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.

Q976. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) BANK
- (B) DCPM
- (C) KNAB
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q977. 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.

Q978. A person walks 10 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 13.45
- (B) 1
- (C) 19
- (D) 15.45

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 9^2} = 13.45$ km.

Q979. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 0
- (B) 11.9
- (C) 9.9
- (D) 14

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 7^2} = 9.9$ km.

Q980. Find the next number: 13, 21, 29, 37, 45, ?

- (A) 45
- (B) 53
- (C) 69
- (D) 61

Answer: B

Explanation: The sequence increases by 8 each time, so the next number is $45 + 8 = 53$.

Q981. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 19
- (B) 1
- (C) 15.45
- (D) 13.45

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 10^2} = 13.45$ km.

Q982. A person walks 3 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 3
- (B) 8.71
- (C) 6.71
- (D) 9

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 6^2} = 6.71$ km.

Q983. 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.

Q984. 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.

Q985. Find the next number: 20, 23, 26, 29, 32, ?

- (A) 32
- (B) 41
- (C) 35
- (D) 38

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $32 + 3 = 35$.

Q986. 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.

Q987. Find the next number: 19, 28, 37, 46, 55, ?

- (A) 82
- (B) 55
- (C) 73
- (D) 64

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $55 + 9 = 64$.

Q988. 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.

Q989. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) BANK
- (B) KNAB
- (C) DCPM
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK → CBOL.

Q990. A person walks 4 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 10.77
- (C) 6
- (D) 12.77

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 10^2} = 10.77$ km.

Q991. Find the next number: 12, 21, 30, 39, 48, ?

- (A) 57
- (B) 75
- (C) 48
- (D) 66

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $48 + 9 = 57$.

Q992. 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.

Q993. Find the next number: 8, 13, 18, 23, 28, ?

- (A) 43
- (B) 38
- (C) 33
- (D) 28

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $28 + 5 = 33$.

Q994. Find the next number: 10, 17, 24, 31, 38, ?

- (A) 45
- (B) 38
- (C) 59
- (D) 52

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $38 + 7 = 45$.

Q995. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) BANK
- (B) DCPM
- (C) CBOL
- (D) KNAB

Answer: C

Explanation: Shift each letter forward by one: BANK $\rightarrow$ CBOL.

Q996. 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.

Q997. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: C

Explanation: Shift each letter forward by one: CODE -> DPEF.

Q998. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) LIAR
- (B) RAIL
- (C) SBJM
- (D) TCKN

Answer: C

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q999. 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.

Q1000. Find the next number: 4, 11, 18, 25, 32, ?

- (A) 39
- (B) 46
- (C) 53
- (D) 32

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $32 + 7 = 39$.

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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