

EXAMGURUX

APSC JE 2026 - Common Preparation

1000 Original General & Aptitude Practice MCQs

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

Official reference: Assam Public Service Commission official portal / latest JE notice

Coverage note: Common/general preparation bank. Technical Civil/Mechanical/Electrical content is excluded because JE requirements can differ by recruitment notice.

Section	Questions
General Studies	350
Reasoning & Mental Ability	300
Quantitative Aptitude	350

General Studies

Q1. 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.

Q2. 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.

Q3. The fundamental unit of life is

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

Answer: B

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

Q4. 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.

Q5. The Parliament of India consists of

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

Q6. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q7. 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.

Q8. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q9. The longest river entirely within India is

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

Answer: C

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

Q10. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q11. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q12. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q13. 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.

Q14. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q15. 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.

Q16. 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.

Q17. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

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 currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q20. 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.

Q21. 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.

Q22. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q23. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q24. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q25. 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.

Q26. 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.

Q27. 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.

Q28. 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.

Q29. 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.

Q30. 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.

Q31. 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.

Q32. 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.

Q33. 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.

Q34. 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.

Q35. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q36. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q37. 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.

Q38. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q39. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q40. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q41. 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.

Q42. 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.

Q43. 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.

Q44. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q45. 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.

Q46. 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.

Q47. 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.

Q48. The longest river entirely within India is

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

Answer: B

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

Q49. 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.

Q50. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q51. 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.

Q52. 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.

Q53. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q54. 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.

Q55. The planet known as the Red Planet is

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

Answer: C

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

Q56. The fundamental unit of life is

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

Answer: B

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

Q57. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q58. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q59. 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.

Q60. The speed of light in vacuum is approximately

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

Answer: C

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

Q61. 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.

Q62. 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.

Q63. 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.

Q64. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q65. The speed of light in vacuum is approximately

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

Answer: B

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

Q66. 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.

Q67. The fundamental unit of life is

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

Answer: D

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

Q68. 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.

Q69. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q70. 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.

Q71. 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.

Q72. The speed of light in vacuum is approximately

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

Answer: C

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

Q73. 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.

Q74. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q75. 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.

Q76. 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.

Q77. The fundamental unit of life is

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

Answer: D

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

Q78. 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.

Q79. 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.

Q80. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q81. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q82. 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.

Q83. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q84. 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.

Q85. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q86. 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.

Q87. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q88. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q89. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q90. 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.

Q91. 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.

Q92. 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.

Q93. 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.

Q94. 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.

Q95. 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.

Q96. The planet known as the Red Planet is

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

Answer: C

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

Q97. 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.

Q98. 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.

Q99. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q100. 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.

Q101. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q102. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q103. 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.

Q104. 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.

Q105. 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.

Q106. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q107. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q108. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q109. Which gas is most abundant in Earth's atmosphere?

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

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q110. The largest ocean on Earth is

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

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q111. 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.

Q112. 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.

Q113. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q114. 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.

Q115. 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.

Q116. 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.

Q117. The planet known as the Red Planet is

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

Answer: C

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

Q118. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q119. 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.

Q120. 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.

Q121. 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.

Q122. 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.

Q123. 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.

Q124. 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.

Q125. 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.

Q126. 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.

Q127. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q128. 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.

Q129. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q130. 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.

Q131. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q132. 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.

Q133. The speed of light in vacuum is approximately

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

Answer: C

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

Q134. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q135. 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.

Q136. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q137. 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.

Q138. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q139. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q140. 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.

Q141. The longest river entirely within India is

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

Answer: D

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

Q142. 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.

Q143. 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.

Q144. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q145. 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.

Q146. 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.

Q147. 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.

Q148. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q149. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q150. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q151. 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.

Q152. 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.

Q153. 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.

Q154. 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.

Q155. 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.

Q156. 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.

Q157. The Parliament of India consists of

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

Answer: B

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

Q158. 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.

Q159. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q160. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q161. 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.

Q162. 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.

Q163. 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.

Q164. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q165. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q166. The largest ocean on Earth is

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

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q167. 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.

Q168. 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.

Q169. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q170. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q171. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q172. 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.

Q173. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q174. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q175. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q176. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q177. 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.

Q178. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q179. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q180. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q181. 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.

Q182. The speed of light in vacuum is approximately

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

Answer: B

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

Q183. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q184. 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.

Q185. 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.

Q186. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q187. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q188. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q189. 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.

Q190. 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.

Q191. The fundamental unit of life is

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

Answer: D

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

Q192. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q193. 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.

Q194. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q195. 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.

Q196. 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.

Q197. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q198. The longest river entirely within India is

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

Answer: D

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

Q199. 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.

Q200. 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.

Q201. 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.

Q202. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q203. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q204. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q205. 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.

Q206. 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.

Q207. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q208. 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.

Q209. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q210. 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.

Q211. The longest river entirely within India is

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

Answer: A

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

Q212. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q213. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q214. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q215. 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.

Q216. The planet known as the Red Planet is

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

Answer: C

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

Q217. 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.

Q218. 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.

Q219. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q220. 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.

Q221. 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.

Q222. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q223. 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.

Q224. The fundamental unit of life is

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

Answer: C

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

Q225. 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.

Q226. 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.

Q227. The fundamental unit of life is

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

Answer: C

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

Q228. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q229. 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.

Q230. 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.

Q231. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q232. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q233. The Parliament of India consists of

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

Q234. 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.

Q235. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q236. 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.

Q237. The planet known as the Red Planet is

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

Answer: C

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

Q238. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q239. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q240. 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.

Q241. 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.

Q242. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q243. The planet known as the Red Planet is

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

Answer: A

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

Q244. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q245. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q246. 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.

Q247. 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.

Q248. 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.

Q249. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q250. 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.

Q251. 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.

Q252. 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.

Q253. 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.

Q254. The largest ocean on Earth is

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

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q255. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q256. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q257. 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.

Q258. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q259. The fundamental unit of life is

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

Answer: A

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

Q260. 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.

Q261. The speed of light in vacuum is approximately

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

Answer: C

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

Q262. The speed of light in vacuum is approximately

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

Answer: C

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

Q263. 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.

Q264. 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.

Q265. 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.

Q266. 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.

Q267. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q268. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q269. 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.

Q270. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q271. 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.

Q272. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q273. The Parliament of India consists of

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

Q274. 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.

Q275. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q276. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q277. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q278. 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.

Q279. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q280. 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.

Q281. 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.

Q282. 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.

Q283. The planet known as the Red Planet is

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

Answer: B

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

Q284. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q285. 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.

Q286. 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.

Q287. The Parliament of India consists of

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

Answer: B

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

Q288. 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.

Q289. 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.

Q290. 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.

Q291. 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.

Q292. 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.

Q293. 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.

Q294. The longest river entirely within India is

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

Answer: C

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

Q295. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q296. Which gas is most abundant in Earth's atmosphere?

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

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q297. 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.

Q298. 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.

Q299. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q300. 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.

Q301. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q302. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q303. 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.

Q304. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q305. 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.

Q306. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q307. 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.

Q308. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q309. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q310. 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.

Q311. 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.

Q312. 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.

Q313. The fundamental unit of life is

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

Answer: B

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

Q314. 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.

Q315. 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.

Q316. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q317. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q318. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q319. 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.

Q320. 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.

Q321. 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.

Q322. 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.

Q323. 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.

Q324. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q325. 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.

Q326. 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.

Q327. 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.

Q328. 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.

Q329. 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.

Q330. 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.

Q331. 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.

Q332. 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.

Q333. 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.

Q334. The planet known as the Red Planet is

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

Answer: C

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

Q335. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q336. 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.

Q337. 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.

Q338. 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.

Q339. The longest river entirely within India is

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

Answer: C

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

Q340. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q341. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q342. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q343. The fundamental unit of life is

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

Answer: D

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

Q344. 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.

Q345. 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.

Q346. 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.

Q347. The Parliament of India consists of

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

Answer: C

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

Q348. 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.

Q349. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q350. 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.

Reasoning & Mental Ability

Q351. 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.

Q352. 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.

Q353. Find the next number: 3, 5, 7, 9, 11, ?

- (A) 17
- (B) 13
- (C) 15
- (D) 11

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $11 + 2 = 13$.

Q354. 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.

Q355. Find the next number: 12, 15, 18, 21, 24, ?

- (A) 27
- (B) 24
- (C) 30
- (D) 33

Answer: A

Explanation: The sequence increases by 3 each time, so the next number is $24 + 3 = 27$.

Q356. 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.

Q357. 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.

Q358. A person walks 3 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 8
- (B) 2
- (C) 7.83
- (D) 5.83

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 5^2} = 5.83$ km.

Q359. 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.

Q360. A person walks 6 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 8.71
- (B) 6.71
- (C) 9
- (D) 3

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 3^2} = 6.71$ km.

Q361. A person walks 6 km north and then 7 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 = $\sqrt{6^2 + 7^2} = 9.22$ km.

Q362. A person walks 6 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 4
- (B) 16
- (C) 11.66
- (D) 13.66

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 10^2} = 11.66$ km.

Q363. 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.

Q364. 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.

Q365. 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.

Q366. 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.

Q367. 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.

Q368. 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.

Q369. 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.

Q370. 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.

Q371. 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.

Q372. 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.

Q373. Find the next number: 2, 9, 16, 23, 30, ?

- (A) 37
- (B) 30
- (C) 51
- (D) 44

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $30 + 7 = 37$.

Q374. 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.

Q375. A person walks 10 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 5
- (B) 11.18
- (C) 13.18
- (D) 15

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 5^2} = 11.18$ km.

Q376. 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.

Q377. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

Explanation: Shift each letter forward by one: MATH $\rightarrow$ NBUI.

Q378. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) LIAR
- (B) SBJM
- (C) TCKN
- (D) RAIL

Answer: B

Explanation: Shift each letter forward by one: RAIL $\rightarrow$ SBJM.

Q379. 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.

Q380. 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.

Q381. Find the next number: 16, 24, 32, 40, 48, ?

- (A) 56
- (B) 72
- (C) 64
- (D) 48

Answer: A

Explanation: The sequence increases by 8 each time, so the next number is $48 + 8 = 56$.

Q382. Find the next number: 14, 20, 26, 32, 38, ?

- (A) 38
- (B) 44
- (C) 56
- (D) 50

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $38 + 6 = 44$.

Q383. 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.

Q384. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: D

Explanation: Shift each letter forward by one: CODE $\rightarrow$ DPEF.

Q385. 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.

Q386. 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.

Q387. 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.

Q388. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q389. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: A

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

Q390. 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.

Q391. A person walks 9 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 12.82
- (B) 3
- (C) 15
- (D) 10.82

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 6^2} = 10.82$ km.

Q392. 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.

Q393. Find the next number: 19, 22, 25, 28, 31, ?

- (A) 40
- (B) 34
- (C) 37
- (D) 31

Answer: B

Explanation: The sequence increases by 3 each time, so the next number is $31 + 3 = 34$.

Q394. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) SBJM
- (B) TCKN
- (C) RAIL
- (D) LIAR

Answer: A

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q395. 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.

Q396. 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.

Q397. 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.

Q398. 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.

Q399. 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.

Q400. Find the next number: 4, 8, 12, 16, 20, ?

- (A) 32
- (B) 28
- (C) 20
- (D) 24

Answer: D

Explanation: The sequence increases by 4 each time, so the next number is $20 + 4 = 24$.

Q401. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 15
- (B) 10.63
- (C) 12.63
- (D) 1

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q402. Find the next number: 17, 26, 35, 44, 53, ?

- (A) 53
- (B) 80
- (C) 62
- (D) 71

Answer: C

Explanation: The sequence increases by 9 each time, so the next number is $53 + 9 = 62$.

Q403. A person walks 4 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 10.06
- (B) 3
- (C) 8.06
- (D) 11

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 7^2} = 8.06$ km.

Q404. Find the next number: 3, 12, 21, 30, 39, ?

- (A) 57
- (B) 48
- (C) 66
- (D) 39

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $39 + 9 = 48$.

Q405. Find the next number: 13, 15, 17, 19, 21, ?

- (A) 23
- (B) 27
- (C) 25
- (D) 21

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $21 + 2 = 23$.

Q406. 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.

Q407. 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.

Q408. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

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

Q409. Find the next number: 20, 29, 38, 47, 56, ?

- (A) 74
- (B) 65
- (C) 83
- (D) 56

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $56 + 9 = 65$.

Q410. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

Explanation: Shift each letter forward by one: MATH $\rightarrow$ NBUI.

Q411. 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.

Q412. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) SBJM
- (B) LIAR
- (C) RAIL
- (D) TCKN

Answer: A

Explanation: Shift each letter forward by one: RAIL $\rightarrow$ SBJM.

Q413. A person walks 4 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 7.21
- (B) 10
- (C) 9.21
- (D) 2

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 6^2} = 7.21$ km.

Q414. A person walks 3 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 8.54
- (B) 10.54
- (C) 11
- (D) 5

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 8^2} = 8.54$ km.

Q415. 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.

Q416. 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.

Q417. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) GOD
- (B) FQI
- (C) DOG
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG → EPH.

Q418. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

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

Q419. A person walks 6 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 11.22
- (B) 9.22
- (C) 1
- (D) 13

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 7^2} = 9.22$ km.

Q420. A person walks 9 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 9.49
- (B) 11.49
- (C) 6
- (D) 12

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 3^2} = 9.49$ km.

Q421. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) DCPM
- (B) KNAB
- (C) CBOL
- (D) BANK

Answer: C

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q422. 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.

Q423. A person walks 5 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 7.83
- (B) 8
- (C) 2
- (D) 5.83

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 3^2} = 5.83$ km.

Q424. Find the next number: 15, 22, 29, 36, 43, ?

- (A) 57
- (B) 64
- (C) 50
- (D) 43

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $43 + 7 = 50$.

Q425. A person walks 9 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 12
- (B) 9.49
- (C) 6
- (D) 11.49

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 3^2} = 9.49$ km.

Q426. A person walks 10 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 13.66
- (B) 4
- (C) 16
- (D) 11.66

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 6^2} = 11.66$ km.

Q427. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) BANK
- (C) DCPM
- (D) KNAB

Answer: A

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q428. Find the next number: 16, 22, 28, 34, 40, ?

- (A) 58
- (B) 46
- (C) 40
- (D) 52

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $40 + 6 = 46$.

Q429. Find the next number: 6, 11, 16, 21, 26, ?

- (A) 36
- (B) 31
- (C) 26
- (D) 41

Answer: B

Explanation: The sequence increases by 5 each time, so the next number is $26 + 5 = 31$.

Q430. 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.

Q431. 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.

Q432. 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.

Q433. 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.

Q434. A person walks 7 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 3
- (B) 8.06
- (C) 11
- (D) 10.06

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 4^2} = 8.06$ km.

Q435. Find the next number: 10, 13, 16, 19, 22, ?

- (A) 22
- (B) 28
- (C) 31
- (D) 25

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $22 + 3 = 25$.

Q436. Find the next number: 7, 16, 25, 34, 43, ?

- (A) 43
- (B) 70
- (C) 61
- (D) 52

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $43 + 9 = 52$.

Q437. 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.

Q438. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) BANK
- (C) DCPM
- (D) KNAB

Answer: A

Explanation: Shift each letter forward by one: BANK → CBOL.

Q439. 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.

Q440. 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.

Q441. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: B

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q442. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) GOD
- (B) DOG
- (C) FQI
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG -> EPH.

Q443. 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.

Q444. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) DCPM
- (C) BANK
- (D) KNAB

Answer: A

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q445. 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.

Q446. Find the next number: 11, 17, 23, 29, 35, ?

- (A) 53
- (B) 35
- (C) 47
- (D) 41

Answer: D

Explanation: The sequence increases by 6 each time, so the next number is $35 + 6 = 41$.

Q447. 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.

Q448. A person walks 5 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 12.3
- (B) 14
- (C) 10.3
- (D) 4

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 9^2} = 10.3$ km.

Q449. A person walks 10 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 10.44
- (B) 13
- (C) 12.44
- (D) 7

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 3^2} = 10.44$ km.

Q450. 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.

Q451. 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.

Q452. Find the next number: 13, 16, 19, 22, 25, ?

- (A) 34
- (B) 31
- (C) 25
- (D) 28

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $25 + 3 = 28$.

Q453. A person walks 9 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 16
- (B) 11.4
- (C) 2
- (D) 13.4

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 7^2} = 11.4$ km.

Q454. 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.

Q455. 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.

Q456. 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.

Q457. 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.

Q458. 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.

Q459. 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.

Q460. 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.

Q461. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: C

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q462. Find the next number: 7, 14, 21, 28, 35, ?

- (A) 56
- (B) 49
- (C) 35
- (D) 42

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $35 + 7 = 42$.

Q463. Find the next number: 15, 17, 19, 21, 23, ?

- (A) 29
- (B) 25
- (C) 23
- (D) 27

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $23 + 2 = 25$.

Q464. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 10.82
- (B) 15
- (C) 3
- (D) 12.82

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 9^2} = 10.82$ km.

Q465. 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.

Q466. 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.

Q467. A person walks 10 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 10.44
- (B) 13
- (C) 12.44
- (D) 7

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 3^2} = 10.44$ km.

Q468. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

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

Q469. 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.

Q470. 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.

Q471. 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.

Q472. A person walks 10 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 4
- (B) 11.66
- (C) 16
- (D) 13.66

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 6^2} = 11.66$ km.

Q473. Find the next number: 8, 10, 12, 14, 16, ?

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

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $16 + 2 = 18$.

Q474. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) KNAB
- (B) BANK
- (C) DCPM
- (D) CBOL

Answer: D

Explanation: Shift each letter forward by one: BANK → CBOL.

Q475. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q476. 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.

Q477. Find the next number: 14, 21, 28, 35, 42, ?

- (A) 56
- (B) 42
- (C) 49
- (D) 63

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $42 + 7 = 49$.

Q478. 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.

Q479. 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.

Q480. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) TCKN
- (B) LIAR
- (C) SBJM
- (D) RAIL

Answer: C

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q481. A person walks 10 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 5
- (B) 15
- (C) 13.18
- (D) 11.18

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 5^2} = 11.18$ km.

Q482. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 12.63
- (B) 15
- (C) 10.63
- (D) 1

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 7^2} = 10.63$ km.

Q483. A person walks 6 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 4
- (B) 13.66
- (C) 11.66
- (D) 16

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 10^2} = 11.66$ km.

Q484. 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.

Q485. 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.

Q486. 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.

Q487. 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.

Q488. A person walks 10 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 1
- (B) 13.45
- (C) 19
- (D) 15.45

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 9^2} = 13.45$ km.

Q489. A person walks 9 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 12.04
- (B) 1
- (C) 14.04
- (D) 17

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 8^2} = 12.04$ km.

Q490. 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.

Q491. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) EPH
- (B) FQI
- (C) DOG
- (D) GOD

Answer: A

Explanation: Shift each letter forward by one: DOG → EPH.

Q492. A person walks 8 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 13
- (B) 3
- (C) 9.43
- (D) 11.43

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 5^2} = 9.43$ km.

Q493. A person walks 8 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 14.81
- (C) 18
- (D) 12.81

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 10^2} = 12.81$ km.

Q494. 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.

Q495. 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.

Q496. Find the next number: 11, 14, 17, 20, 23, ?

- (A) 32
- (B) 23
- (C) 26
- (D) 29

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $23 + 3 = 26$.

Q497. A person walks 4 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 7.21
- (B) 2
- (C) 10
- (D) 9.21

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 6^2} = 7.21$ km.

Q498. 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.

Q499. 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.

Q500. 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.

Q501. 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.

Q502. 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.

Q503. A person walks 10 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q504. Find the next number: 7, 12, 17, 22, 27, ?

- (A) 27
- (B) 37
- (C) 32
- (D) 42

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $27 + 5 = 32$.

Q505. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) CBOL
- (B) KNAB
- (C) BANK
- (D) DCPM

Answer: A

Explanation: Shift each letter forward by one: BANK → CBOL.

Q506. Find the next number: 16, 25, 34, 43, 52, ?

- (A) 70
- (B) 52
- (C) 61
- (D) 79

Answer: C

Explanation: The sequence increases by 9 each time, so the next number is $52 + 9 = 61$.

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

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

Answer: C

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

Q508. A person walks 8 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 16
- (B) 11.31
- (C) 13.31
- (D) 0

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 8^2} = 11.31$ km.

Q509. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 10.82
- (B) 3
- (C) 15
- (D) 12.82

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 9^2} = 10.82$ km.

Q510. A person walks 10 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 0
- (B) 20
- (C) 16.14
- (D) 14.14

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 10^2} = 14.14$ km.

Q511. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: B

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

Q512. 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.

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

- (A) RAIL
- (B) LIAR
- (C) SBJM
- (D) TCKN

Answer: C

Explanation: Shift each letter forward by one: RAIL → SBJM.

Q514. Find the next number: 18, 22, 26, 30, 34, ?

- (A) 38
- (B) 46
- (C) 42
- (D) 34

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $34 + 4 = 38$.

Q515. 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.

Q516. 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.

Q517. Find the next number: 13, 20, 27, 34, 41, ?

- (A) 41
- (B) 48
- (C) 55
- (D) 62

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $41 + 7 = 48$.

Q518. 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.

Q519. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) FQI
- (B) EPH
- (C) DOG
- (D) GOD

Answer: B

Explanation: Shift each letter forward by one: DOG $\rightarrow$ EPH.

Q520. Find the next number: 16, 25, 34, 43, 52, ?

- (A) 52
- (B) 61
- (C) 70
- (D) 79

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $52 + 9 = 61$.

Q521. Find the next number: 2, 7, 12, 17, 22, ?

- (A) 27
- (B) 32
- (C) 22
- (D) 37

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $22 + 5 = 27$.

Q522. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q523. 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.

Q524. Find the next number: 19, 26, 33, 40, 47, ?

- (A) 68
- (B) 47
- (C) 54
- (D) 61

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $47 + 7 = 54$.

Q525. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

Explanation: Shift each letter forward by one: CAT $\rightarrow$ DBU.

Q526. 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.

Q527. Find the next number: 13, 22, 31, 40, 49, ?

- (A) 67
- (B) 76
- (C) 49
- (D) 58

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $49 + 9 = 58$.

Q528. Find the next number: 5, 12, 19, 26, 33, ?

- (A) 40
- (B) 47
- (C) 33
- (D) 54

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $33 + 7 = 40$.

Q529. 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.

Q530. 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.

Q531. Find the next number: 14, 16, 18, 20, 22, ?

- (A) 26
- (B) 24
- (C) 28
- (D) 22

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $22 + 2 = 24$.

Q532. A person walks 6 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 10.49
- (B) 0
- (C) 12
- (D) 8.49

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 6^2} = 8.49$ km.

Q533. 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.

Q534. Find the next number: 6, 15, 24, 33, 42, ?

- (A) 51
- (B) 69
- (C) 60
- (D) 42

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $42 + 9 = 51$.

Q535. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) KNAB
- (B) BANK
- (C) CBOL
- (D) DCPM

Answer: C

Explanation: Shift each letter forward by one: BANK -> CBOL.

Q536. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

Explanation: Shift each letter forward by one: CAT -> DBU.

Q537. Find the next number: 2, 8, 14, 20, 26, ?

- (A) 44
- (B) 26
- (C) 38
- (D) 32

Answer: D

Explanation: The sequence increases by 6 each time, so the next number is $26 + 6 = 32$.

Q538. 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.

Q539. 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.

Q540. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

Explanation: Shift each letter forward by one: MATH -> NBUI.

Q541. 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.

Q542. A person walks 4 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 7.21
- (B) 9.21
- (C) 2
- (D) 10

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 6^2} = 7.21$ km.

Q543. Choose the odd one out.

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

Answer: D

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

Q544. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

- (A) DCPM
- (B) CBOL
- (C) KNAB
- (D) BANK

Answer: B

Explanation: Shift each letter forward by one: BANK → CBOL.

Q545. 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.

Q546. 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.

Q547. 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.

Q548. Find the next number: 5, 14, 23, 32, 41, ?

- (A) 68
- (B) 59
- (C) 41
- (D) 50

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $41 + 9 = 50$.

Q549. Find the next number: 11, 14, 17, 20, 23, ?

- (A) 26
- (B) 23
- (C) 32
- (D) 29

Answer: A

Explanation: The sequence increases by 3 each time, so the next number is $23 + 3 = 26$.

Q550. Find the next number: 17, 25, 33, 41, 49, ?

- (A) 73
- (B) 49
- (C) 65
- (D) 57

Answer: D

Explanation: The sequence increases by 8 each time, so the next number is $49 + 8 = 57$.

Q551. 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.

Q552. 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.

Q553. 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.

Q554. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: C

Explanation: Shift each letter forward by one: CAT -> DBU.

Q555. 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.

Q556. 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.

Q557. Find the next number: 12, 14, 16, 18, 20, ?

- (A) 20
- (B) 24
- (C) 22
- (D) 26

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $20 + 2 = 22$.

Q558. 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.

Q559. 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.

Q560. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

Explanation: Shift each letter forward by one: CAT -> DBU.

Q561. Find the next number: 3, 10, 17, 24, 31, ?

- (A) 45
- (B) 38
- (C) 31
- (D) 52

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $31 + 7 = 38$.

Q562. 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.

Q563. Find the next number: 15, 19, 23, 27, 31, ?

- (A) 31
- (B) 35
- (C) 43
- (D) 39

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $31 + 4 = 35$.

Q564. 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.

Q565. Find the next number: 8, 11, 14, 17, 20, ?

- (A) 29
- (B) 20
- (C) 23
- (D) 26

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $20 + 3 = 23$.

Q566. 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.

Q567. Find the next number: 19, 26, 33, 40, 47, ?

- (A) 68
- (B) 54
- (C) 47
- (D) 61

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $47 + 7 = 54$.

Q568. 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.

Q569. A person walks 8 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 12.04
- (B) 17
- (C) 14.04
- (D) 1

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 9^2} = 12.04$ km.

Q570. 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.

Q571. 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.

Q572. 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.

Q573. 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.

Q574. 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.

Q575. Find the next number: 14, 22, 30, 38, 46, ?

- (A) 46
- (B) 54
- (C) 70
- (D) 62

Answer: B

Explanation: The sequence increases by 8 each time, so the next number is $46 + 8 = 54$.

Q576. Find the next number: 6, 12, 18, 24, 30, ?

- (A) 48
- (B) 36
- (C) 42
- (D) 30

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $30 + 6 = 36$.

Q577. Find the next number: 8, 14, 20, 26, 32, ?

- (A) 38
- (B) 50
- (C) 32
- (D) 44

Answer: A

Explanation: The sequence increases by 6 each time, so the next number is $32 + 6 = 38$.

Q578. A person walks 5 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 10.6
- (B) 2
- (C) 12
- (D) 8.6

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 7^2} = 8.6$ km.

Q579. Find the next number: 15, 21, 27, 33, 39, ?

- (A) 39
- (B) 51
- (C) 57
- (D) 45

Answer: D

Explanation: The sequence increases by 6 each time, so the next number is $39 + 6 = 45$.

Q580. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) FQI
- (B) DOG
- (C) EPH
- (D) GOD

Answer: C

Explanation: Shift each letter forward by one: DOG → EPH.

Q581. Choose the odd one out.

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

Answer: D

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

Q582. 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.

Q583. A person walks 6 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 7.21
- (C) 10
- (D) 9.21

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 4^2} = 7.21$ km.

Q584. 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.

Q585. Find the next number: 17, 25, 33, 41, 49, ?

- (A) 73
- (B) 65
- (C) 57
- (D) 49

Answer: C

Explanation: The sequence increases by 8 each time, so the next number is $49 + 8 = 57$.

Q586. A person walks 5 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 11.43
- (B) 9.43
- (C) 13
- (D) 3

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 8^2} = 9.43$ km.

Q587. Find the next number: 2, 11, 20, 29, 38, ?

- (A) 38
- (B) 65
- (C) 56
- (D) 47

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $38 + 9 = 47$.

Q588. A person walks 10 km north and then 9 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 = $\sqrt{10^2 + 9^2} = 13.45$ km.

Q589. 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.

Q590. Find the next number: 11, 18, 25, 32, 39, ?

- (A) 60
- (B) 53
- (C) 39
- (D) 46

Answer: D

Explanation: The sequence increases by 7 each time, so the next number is $39 + 7 = 46$.

Q591. 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.

Q592. 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.

Q593. 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.

Q594. 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.

Q595. 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.

Q596. Find the next number: 8, 11, 14, 17, 20, ?

- (A) 20
- (B) 23
- (C) 26
- (D) 29

Answer: B

Explanation: The sequence increases by 3 each time, so the next number is $20 + 3 = 23$.

Q597. A person walks 7 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 8.06
- (B) 11
- (C) 10.06
- (D) 3

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 4^2} = 8.06$ km.

Q598. A person walks 10 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 15.45
- (B) 19
- (C) 1
- (D) 13.45

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{10^2 + 9^2} = 13.45$ km.

Q599. 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.

Q600. 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.

Q601. 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.

Q602. Find the next number: 10, 13, 16, 19, 22, ?

- (A) 28
- (B) 31
- (C) 25
- (D) 22

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $22 + 3 = 25$.

Q603. 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.

Q604. Find the next number: 3, 10, 17, 24, 31, ?

- (A) 38
- (B) 52
- (C) 45
- (D) 31

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $31 + 7 = 38$.

Q605. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) FQI
- (B) DOG
- (C) GOD
- (D) EPH

Answer: D

Explanation: Shift each letter forward by one: DOG $\rightarrow$ EPH.

Q606. A person walks 4 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 6
- (B) 14
- (C) 10.77
- (D) 12.77

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 10^2} = 10.77$ km.

Q607. 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.

Q608. Find the next number: 7, 15, 23, 31, 39, ?

- (A) 39
- (B) 55
- (C) 47
- (D) 63

Answer: C

Explanation: The sequence increases by 8 each time, so the next number is $39 + 8 = 47$.

Q609. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

- (A) FQI
- (B) EPH
- (C) DOG
- (D) GOD

Answer: B

Explanation: Shift each letter forward by one: DOG → EPH.

Q610. 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.

Q611. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: B

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

Q612. 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.

Q613. Find the next number: 19, 24, 29, 34, 39, ?

- (A) 44
- (B) 49
- (C) 39
- (D) 54

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $39 + 5 = 44$.

Q614. 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.

Q615. 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.

Q616. 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.

Q617. Find the next number: 8, 12, 16, 20, 24, ?

- (A) 28
- (B) 36
- (C) 32
- (D) 24

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $24 + 4 = 28$.

Q618. Find the next number: 14, 18, 22, 26, 30, ?

- (A) 34
- (B) 42
- (C) 30
- (D) 38

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $30 + 4 = 34$.

Q619. Find the next number: 10, 15, 20, 25, 30, ?

- (A) 45
- (B) 35
- (C) 40
- (D) 30

Answer: B

Explanation: The sequence increases by 5 each time, so the next number is $30 + 5 = 35$.

Q620. 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.

Q621. Find the next number: 14, 18, 22, 26, 30, ?

- (A) 34
- (B) 30
- (C) 38
- (D) 42

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $30 + 4 = 34$.

Q622. 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 $\rightarrow$ DPEF.

Q623. Find the next number: 4, 10, 16, 22, 28, ?

- (A) 34
- (B) 46
- (C) 28
- (D) 40

Answer: A

Explanation: The sequence increases by 6 each time, so the next number is $28 + 6 = 34$.

Q624. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: D

Explanation: Shift each letter forward by one: CODE $\rightarrow$ DPEF.

Q625. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

- (A) RAIL
- (B) TCKN
- (C) LIAR
- (D) SBJM

Answer: D

Explanation: Shift each letter forward by one: RAIL -> SBJM.

Q626. A person walks 6 km north and then 8 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 10.0
- (C) 2
- (D) 12.0

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 8^2} = 10.0$ km.

Q627. A person walks 6 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 9
- (B) 3
- (C) 8.71
- (D) 6.71

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 3^2} = 6.71$ km.

Q628. 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.

Q629. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

Explanation: Shift each letter forward by one: CAT -> DBU.

Q630. 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.

Q631. 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.

Q632. 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 $\rightarrow$ NBUI.

Q633. Find the next number: 14, 23, 32, 41, 50, ?

- (A) 50
- (B) 59
- (C) 68
- (D) 77

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $50 + 9 = 59$.

Q634. Find the next number: 13, 18, 23, 28, 33, ?

- (A) 38
- (B) 43
- (C) 33
- (D) 48

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $33 + 5 = 38$.

Q635. A person walks 3 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 2
- (B) 7.83
- (C) 8
- (D) 5.83

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 5^2} = 5.83$ km.

Q636. 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) 10.6
- (C) 12
- (D) 2

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 7^2} = 8.6$ km.

Q637. A person walks 5 km north and then 10 km east. What is the straight-line distance from the starting point?

- (A) 5
- (B) 13.18
- (C) 15
- (D) 11.18

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 10^2} = 11.18$ km.

Q638. Find the next number: 12, 14, 16, 18, 20, ?

- (A) 24
- (B) 20
- (C) 26
- (D) 22

Answer: D

Explanation: The sequence increases by 2 each time, so the next number is $20 + 2 = 22$.

Q639. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

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

Q640. 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.

Q641. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: C

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

Q642. A person walks 4 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 7.0
- (B) 7
- (C) 5.0
- (D) 1

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 3^2} = 5.0$ km.

Q643. Find the next number: 9, 18, 27, 36, 45, ?

- (A) 45
- (B) 54
- (C) 63
- (D) 72

Answer: B

Explanation: The sequence increases by 9 each time, so the next number is $45 + 9 = 54$.

Q644. Find the next number: 13, 15, 17, 19, 21, ?

- (A) 23
- (B) 21
- (C) 25
- (D) 27

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $21 + 2 = 23$.

Q645. 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.

Q646. 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 $21 + 3 = 24$.

Q647. A person walks 8 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 4
- (B) 12
- (C) 8.94
- (D) 10.94

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{8^2 + 4^2} = 8.94$ km.

Q648. 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.

Q649. 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.

Q650. Find the next number: 18, 26, 34, 42, 50, ?

- (A) 66
- (B) 58
- (C) 74
- (D) 50

Answer: B

Explanation: The sequence increases by 8 each time, so the next number is $50 + 8 = 58$.

Quantitative Aptitude

Q651. An item costs Rs. 800. At a profit of 12%, what is the selling price?

- (A) 812
- (B) 896
- (C) 704.0
- (D) 824

Answer: B

Explanation: Selling price = $800 \times (1 + 12/100) = \text{Rs. } 896$.

Q652. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 8.0
- (B) 18.0
- (C) 24.0
- (D) 12

Answer: A

Explanation: Combined rate = $1/12 + 1/24 = (36)/288$; time = $288/36 = 8.0$ days.

Q653. Find the average of 37, 51, 13, 45, 49.

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

Answer: A

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

Q654. 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) 8
- (C) 7.5
- (D) 16.0

Answer: C

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

Q655. 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) 6
- (D) 21.0

Answer: B

Explanation: Combined rate = $1/18 + 1/24 = (42)/432$; time = $432/42 = 10.29$ days.

Q656. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

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

Answer: A

Explanation: Distance = speed x time = $72 \times 2 = 144$ km.

Q657. Two quantities are in the ratio 3:4. If their total is 49, what is the first quantity?

- (A) 21
- (B) 28
- (C) 49
- (D) 7

Answer: A

Explanation: Total parts = 7. One part = $49/7 = 7$; first quantity = $3 \times 7 = 21$.

Q658. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

- (A) 56.5
- (B) 135
- (C) 162.0
- (D) 21.6

Answer: B

Explanation: Distance = speed x time = $54 \times 2.5 = 135$ km.

Q659. Find the simple interest on Rs. 5000 at 10% per annum for 4 years.

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

Answer: C

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

Q660. Find the average of 21, 42, 37, 40, 52.

- (A) 48.0
- (B) 36.4
- (C) 38.4
- (D) 40.4

Answer: C

Explanation: Average = sum / count = $192/5 = 38.4$.

Q661. Find the average of 21, 65, 44, 12, 79.

- (A) 44.2
- (B) 46.2
- (C) 42.2
- (D) 55.2

Answer: A

Explanation: Average = sum / count = $221/5 = 44.2$.

Q662. Find the average of 57, 53, 60, 60, 69.

- (A) 61.8
- (B) 57.8
- (C) 74.8
- (D) 59.8

Answer: D

Explanation: Average = sum / count = $299/5 = 59.8$.

Q663. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q664. What is 35% of 240?

- (A) 96.0
- (B) 84
- (C) 72.0
- (D) 108.0

Answer: B

Explanation: 35% of 240 = $(35/100) \times 240 = 84$.

Q665. Find the simple interest on Rs. 2500 at 6% per annum for 2 years.

- (A) 150
- (B) 300
- (C) 550
- (D) 50

Answer: B

Explanation: SI = $PRT/100 = 2500 \times 6 \times 2/100 = \text{Rs. } 300$.

Q666. A vehicle travels at 36 km/h for 4 hours. What distance does it cover?

- (A) 144
- (B) 162.0
- (C) 40
- (D) 9.0

Answer: A

Explanation: Distance = speed x time = $36 \times 4 = 144$ km.

Q667. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

- (A) 800
- (B) 400
- (C) 200
- (D) 1

Answer: B

Explanation: $SI = \frac{PRT}{100} = 4000 \times 5 \times 2/100 = \text{Rs. } 400.$

Q668. A vehicle travels at 36 km/h for 4 hours. What distance does it cover?

- (A) 162.0
- (B) 40
- (C) 9.0
- (D) 144

Answer: D

Explanation: Distance = speed x time = $36 \times 4 = 144 \text{ km}.$

Q669. What is 25% of 250?

- (A) 75.0
- (B) 62.5
- (C) 87.5
- (D) 50.0

Answer: B

Explanation: 25% of 250 = $(25/100) \times 250 = 62.5.$

Q670. What is 5% of 250?

- (A) 0
- (B) 25.0
- (C) 12.5
- (D) 37.5

Answer: C

Explanation: 5% of 250 = $(5/100) \times 250 = 12.5.$

Q671. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

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

Answer: A

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

Q672. A vehicle travels at 36 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q673. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

- (A) 9.47
- (B) 19.0
- (C) 180.0
- (D) 2

Answer: A

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

Q674. Two quantities are in the ratio 5:7. If their total is 132, what is the first quantity?

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

Answer: C

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

Q675. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: D

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

Q676. What is 20% of 400?

- (A) 100.0
- (B) 120.0
- (C) 60.0
- (D) 80

Answer: D

Explanation: 20% of 400 = $(20/100) \times 400 = 80$.

Q677. Find the average of 62, 11, 28, 54, 45.

- (A) 40
- (B) 38
- (C) 42
- (D) 50.0

Answer: A

Explanation: Average = sum / count = $200/5 = 40$.

Q678. Find the average of 55, 30, 27, 71, 72.

- (A) 53
- (B) 49
- (C) 51
- (D) 63.8

Answer: C

Explanation: Average = sum / count = $255/5 = 51$.

Q679. Two quantities are in the ratio 3:5. If their total is 64, what is the first quantity?

- (A) 64
- (B) 40
- (C) 16
- (D) 24

Answer: D

Explanation: Total parts = 8. One part = $64/8 = 8$; first quantity = $3 \times 8 = 24$.

Q680. Find the average of 59, 24, 45, 22, 10.

- (A) 32
- (B) 30
- (C) 34
- (D) 40.0

Answer: A

Explanation: Average = sum / count = $160/5 = 32$.

Q681. Find the simple interest on Rs. 2000 at 6% per annum for 3 years.

- (A) 360
- (B) 160
- (C) 560
- (D) 120

Answer: A

Explanation: $SI = PRT/100 = 2000 \times 6 \times 3/100 = \text{Rs. } 360$.

Q682. What is 60% of 200?

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

Answer: C

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

Q683. A can finish a work in 6 days and B in 30 days. In how many days can they finish it together?

- (A) 18.0
- (B) 5.0
- (C) 7.5
- (D) 24

Answer: B

Explanation: Combined rate = $1/6 + 1/30 = (36)/180$; time = $180/36 = 5.0$ days.

Q684. A vehicle travels at 60 km/h for 3 hours. What distance does it cover?

- (A) 180
- (B) 63
- (C) 210.0
- (D) 20.0

Answer: A

Explanation: Distance = speed $\times$ time = $60 \times 3 = 180$ km.

Q685. Two quantities are in the ratio 3:4. If their total is 63, what is the first quantity?

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

Answer: B

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

Q686. An item costs Rs. 600. At a profit of 30%, what is the selling price?

- (A) 660
- (B) 630
- (C) 780
- (D) 420.0

Answer: C

Explanation: Selling price = $600 \times (1 + 30/100) = \text{Rs. } 780$.

Q687. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 90.0
- (B) 72
- (C) 38
- (D) 18.0

Answer: B

Explanation: Distance = speed $\times$ time = $36 \times 2 = 72$ km.

Q688. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 64
- (B) 240
- (C) 270.0
- (D) 15.0

Answer: B

Explanation: Distance = speed $\times$ time = $60 \times 4 = 240$ km.

Q689. A can finish a work in 12 days and B in 30 days. In how many days can they finish it together?

- (A) 18
- (B) 8.57
- (C) 21.0
- (D) 20.0

Answer: B

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q690. Find the simple interest on Rs. 1200 at 12% per annum for 4 years.

- (A) 696
- (B) 576
- (C) 456
- (D) 144

Answer: B

Explanation: SI = $PRT/100 = 1200 \times 12 \times 4/100 = \text{Rs. } 576$.

Q691. A can finish a work in 12 days and B in 12 days. In how many days can they finish it together?

- (A) 144.0
- (B) 6.0
- (C) 0
- (D) 12.0

Answer: B

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{12} = \frac{24}{144}$; time = $\frac{144}{24} = 6.0$ days.

Q692. An item costs Rs. 250. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q693. Find the average of 55, 42, 15, 21, 60.

- (A) 38.6
- (B) 36.6
- (C) 48.2
- (D) 40.6

Answer: A

Explanation: Average = sum / count = $\frac{193}{5} = 38.6$.

Q694. Find the average of 55, 25, 60, 72, 42.

- (A) 63.5
- (B) 52.8
- (C) 50.8
- (D) 48.8

Answer: C

Explanation: Average = sum / count = $\frac{254}{5} = 50.8$.

Q695. Two quantities are in the ratio 3:5. If their total is 112, what is the first quantity?

- (A) 42
- (B) 112
- (C) 70
- (D) 28

Answer: A

Explanation: Total parts = 8. One part = $\frac{112}{8} = 14$; first quantity = $3 \times 14 = 42$.

Q696. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 8.0
- (B) 18.0
- (C) 24.0
- (D) 12

Answer: A

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{24} = \frac{36}{288}$; time = $\frac{288}{36} = 8.0$ days.

Q697. Find the simple interest on Rs. 3000 at 6% per annum for 2 years.

- (A) 60
- (B) 660
- (C) 180
- (D) 360

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 6 \times 2}{100} = \text{Rs. } 360.$

Q698. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: C

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

Q699. A can finish a work in 6 days and B in 30 days. In how many days can they finish it together?

- (A) 7.5
- (B) 5.0
- (C) 24
- (D) 18.0

Answer: B

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{30} = \frac{(36)}{180}$; time = $\frac{180}{36} = 5.0$ days.

Q700. An item costs Rs. 240. At a profit of 30%, what is the selling price?

- (A) 312
- (B) 300
- (C) 168.0
- (D) 270

Answer: A

Explanation: Selling price = $240 \times (1 + \frac{30}{100}) = \text{Rs. } 312.$

Q701. Find the simple interest on Rs. 1200 at 8% per annum for 3 years.

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

Answer: B

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

Q702. 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 = $\frac{1}{6} + \frac{1}{12} = \frac{(18)}{72}$; time = $\frac{72}{18} = 4.0$ days.

Q703. Find the simple interest on Rs. 1000 at 8% per annum for 3 years.

- (A) 240
- (B) 140
- (C) 340
- (D) 80

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 8 \times 3}{100} = \text{Rs. } 240.$

Q704. Find the average of 26, 32, 79, 78, 34.

- (A) 62.2
- (B) 51.8
- (C) 47.8
- (D) 49.8

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{249}{5} = 49.8.$

Q705. Find the simple interest on Rs. 1200 at 10% per annum for 4 years.

- (A) 480
- (B) 600
- (C) 360
- (D) 120

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 10 \times 4}{100} = \text{Rs. } 480.$

Q706. An item costs Rs. 400. At a profit of 20%, what is the selling price?

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

Answer: C

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

Q707. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

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

Answer: A

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 72 \times 4 = 288 \text{ km.}$

Q708. Find the average of 26, 33, 68, 56, 44.

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

Answer: A

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{227}{5} = 45.4.$

Q709. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 216
- (B) 13.5
- (C) 58
- (D) 243.0

Answer: A

Explanation: Distance = speed x time = $54 \times 4 = 216$ km.

Q710. An item costs Rs. 800. At a profit of 15%, what is the selling price?

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

Answer: C

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

Q711. Find the average of 43, 63, 68, 29, 16.

- (A) 54.8
- (B) 41.8
- (C) 43.8
- (D) 45.8

Answer: C

Explanation: Average = sum / count = $219/5 = 43.8$.

Q712. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q713. Find the average of 52, 15, 43, 14, 39.

- (A) 32.6
- (B) 34.6
- (C) 40.8
- (D) 30.6

Answer: A

Explanation: Average = sum / count = $163/5 = 32.6$.

Q714. 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) 240.0
- (C) 8
- (D) 7.5

Answer: D

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

Q715. What is 35% of 320?

- (A) 144.0
- (B) 128.0
- (C) 96.0
- (D) 112

Answer: D

Explanation: $35\% \text{ of } 320 = (35/100) \times 320 = 112.$

Q716. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 18
- (B) 45
- (C) 108
- (D) 63

Answer: B

Explanation: Total parts = 12. One part = $108/12 = 9$; first quantity = $5 \times 9 = 45.$

Q717. A vehicle travels at 36 km/h for 3 hours. What distance does it cover?

- (A) 39
- (B) 126.0
- (C) 108
- (D) 12.0

Answer: C

Explanation: Distance = speed $\times$ time = $36 \times 3 = 108$ km.

Q718. A can finish a work in 18 days and B in 12 days. In how many days can they finish it together?

- (A) 216.0
- (B) 6
- (C) 7.2
- (D) 15.0

Answer: C

Explanation: Combined rate = $1/18 + 1/12 = (30)/216$; time = $216/30 = 7.2$ days.

Q719. What is 20% of 600?

- (A) 120
- (B) 90.0
- (C) 180.0
- (D) 150.0

Answer: A

Explanation: $20\% \text{ of } 600 = (20/100) \times 600 = 120.$

Q720. Find the simple interest on Rs. 2500 at 10% per annum for 2 years.

- (A) 250
- (B) 750
- (C) 425
- (D) 500

Answer: D

Explanation: $SI = PRT/100 = 2500 \times 10 \times 2/100 = \text{Rs. } 500.$

Q721. Find the average of 37, 43, 10, 68, 24.

- (A) 38.4
- (B) 34.4
- (C) 36.4
- (D) 45.5

Answer: C

Explanation: Average = sum / count = $182/5 = 36.4$.

Q722. Find the average of 25, 27, 35, 78, 69.

- (A) 48.8
- (B) 46.8
- (C) 58.5
- (D) 44.8

Answer: B

Explanation: Average = sum / count = $234/5 = 46.8$.

Q723. Find the simple interest on Rs. 1000 at 8% per annum for 3 years.

- (A) 140
- (B) 240
- (C) 80
- (D) 340

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 8 \times 3}{100} = \text{Rs. } 240$.

Q724. An item costs Rs. 240. At a profit of 30%, what is the selling price?

- (A) 300
- (B) 312
- (C) 168.0
- (D) 270

Answer: B

Explanation: Selling price = $240 \times (1 + \frac{30}{100}) = \text{Rs. } 312$.

Q725. Find the simple interest on Rs. 2500 at 10% per annum for 3 years.

- (A) 500
- (B) 250
- (C) 750
- (D) 1000

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 10 \times 3}{100} = \text{Rs. } 750$.

Q726. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q727. Find the simple interest on Rs. 2500 at 5% per annum for 2 years.

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

Answer: C

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

Q728. Find the average of 30, 71, 15, 19, 19.

- (A) 30.8
- (B) 28.8
- (C) 38.5
- (D) 32.8

Answer: A

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{154}{5} = 30.8.$

Q729. An item costs Rs. 320. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q730. Find the simple interest on Rs. 5000 at 10% per annum for 4 years.

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

Answer: B

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

Q731. An item costs Rs. 300. At a profit of 15%, what is the selling price?

- (A) 315
- (B) 345
- (C) 330
- (D) 255.0

Answer: B

Explanation: $\text{Selling price} = 300 \times (1 + \frac{15}{100}) = \text{Rs. } 345.$

Q732. Find the average of 75, 49, 67, 19, 71.

- (A) 54.2
- (B) 70.2
- (C) 58.2
- (D) 56.2

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{281}{5} = 56.2.$

Q733. An item costs Rs. 200. At a profit of 12%, what is the selling price?

- (A) 224
- (B) 212
- (C) 176.0
- (D) 26

Answer: A

Explanation: Selling price = $200 \times (1 + 12/100) = \text{Rs. } 224$.

Q734. Find the simple interest on Rs. 1500 at 6% per annum for 2 years.

- (A) 180
- (B) 30
- (C) 90
- (D) 330

Answer: A

Explanation: $SI = PRT/100 = 1500 \times 6 \times 2/100 = \text{Rs. } 180$.

Q735. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 135.0
- (B) 112.5
- (C) 18.0
- (D) 47.5

Answer: B

Explanation: Distance = speed $\times$ time = $45 \times 2.5 = 112.5$ km.

Q736. A vehicle travels at 40 km/h for 2 hours. What distance does it cover?

- (A) 100.0
- (B) 42
- (C) 80
- (D) 20.0

Answer: C

Explanation: Distance = speed $\times$ time = $40 \times 2 = 80$ km.

Q737. Find the average of 46, 26, 10, 67, 15.

- (A) 41.0
- (B) 34.8
- (C) 32.8
- (D) 30.8

Answer: C

Explanation: Average = sum / count = $164/5 = 32.8$.

Q738. An item costs Rs. 240. At a profit of 30%, what is the selling price?

- (A) 300
- (B) 312
- (C) 270
- (D) 168.0

Answer: B

Explanation: Selling price = $240 \times (1 + 30/100) = \text{Rs. } 312$.

Q739. 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) 21.0
- (D) 8.57

Answer: D

Explanation: Combined rate = $1/12 + 1/30 = (42)/360$; time = $360/42 = 8.57$ days.

Q740. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q741. Two quantities are in the ratio 3:4. If their total is 35, what is the first quantity?

- (A) 5
- (B) 15
- (C) 35
- (D) 20

Answer: B

Explanation: Total parts = 7. One part = $35/7 = 5$; first quantity = $3 \times 5 = 15$.

Q742. Two quantities are in the ratio 7:9. If their total is 80, what is the first quantity?

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

Answer: D

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

Q743. 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) 6.67
- (C) 15.0
- (D) 10

Answer: B

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

Q744. Find the average of 69, 47, 58, 57, 30.

- (A) 54.2
- (B) 65.2
- (C) 50.2
- (D) 52.2

Answer: D

Explanation: Average = sum / count = $261/5 = 52.2$.

Q745. A can finish a work in 6 days and B in 15 days. In how many days can they finish it together?

- (A) 10.0
- (B) 10.5
- (C) 9
- (D) 4.29

Answer: D

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{15} = \frac{21}{90}$; time = $\frac{90}{21} = 4.29$ days.

Q746. What is 15% of 240?

- (A) 36
- (B) 24.0
- (C) 60.0
- (D) 48.0

Answer: A

Explanation: 15% of 240 = $(\frac{15}{100}) \times 240 = 36$.

Q747. Two quantities are in the ratio 2:3. If their total is 90, what is the first quantity?

- (A) 18
- (B) 90
- (C) 54
- (D) 36

Answer: D

Explanation: Total parts = 5. One part = $\frac{90}{5} = 18$; first quantity = $2 \times 18 = 36$.

Q748. Find the simple interest on Rs. 1200 at 12% per annum for 4 years.

- (A) 144
- (B) 696
- (C) 456
- (D) 576

Answer: D

Explanation: SI = $\frac{PRT}{100} = \frac{1200 \times 12 \times 4}{100} = \text{Rs. } 576$.

Q749. Find the average of 74, 24, 57, 75, 47.

- (A) 53.4
- (B) 57.4
- (C) 69.2
- (D) 55.4

Answer: D

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{277}{5} = 55.4$.

Q750. A can finish a work in 20 days and B in 24 days. In how many days can they finish it together?

- (A) 10.91
- (B) 4
- (C) 22.0
- (D) 120.0

Answer: A

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{24} = \frac{44}{480}$; time = $\frac{480}{44} = 10.91$ days.

Q751. What is 35% of 240?

- (A) 96.0
- (B) 84
- (C) 108.0
- (D) 72.0

Answer: B

Explanation: $35\% \text{ of } 240 = (35/100) \times 240 = 84.$

Q752. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 13.5
- (B) 58
- (C) 216
- (D) 243.0

Answer: C

Explanation: Distance = speed $\times$ time = $54 \times 4 = 216$ km.

Q753. Find the simple interest on Rs. 2500 at 5% per annum for 3 years.

- (A) 375
- (B) 625
- (C) 135
- (D) 125

Answer: A

Explanation: $SI = PRT/100 = 2500 \times 5 \times 3/100 = \text{Rs. } 375.$

Q754. Find the average of 39, 20, 66, 75, 42.

- (A) 60.5
- (B) 46.4
- (C) 48.4
- (D) 50.4

Answer: C

Explanation: Average = sum / count = $242/5 = 48.4.$

Q755. What is 30% of 480?

- (A) 144
- (B) 120.0
- (C) 168.0
- (D) 192.0

Answer: A

Explanation: $30\% \text{ of } 480 = (30/100) \times 480 = 144.$

Q756. A can finish a work in 18 days and B in 12 days. In how many days can they finish it together?

- (A) 7.2
- (B) 216.0
- (C) 6
- (D) 15.0

Answer: A

Explanation: Combined rate = $1/18 + 1/12 = (30)/216$; time = $216/30 = 7.2$ days.

Q757. Two quantities are in the ratio 4:5. If their total is 99, what is the first quantity?

- (A) 11
- (B) 99
- (C) 44
- (D) 55

Answer: C

Explanation: Total parts = 9. One part = $99/9 = 11$; first quantity = $4 \times 11 = 44$.

Q758. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

- (A) 400
- (B) 800
- (C) 1
- (D) 200

Answer: A

Explanation: $SI = PRT/100 = 4000 \times 5 \times 2/100 = \text{Rs. } 400$.

Q759. Find the average of 64, 80, 44, 15, 20.

- (A) 42.6
- (B) 55.8
- (C) 46.6
- (D) 44.6

Answer: D

Explanation: Average = sum / count = $223/5 = 44.6$.

Q760. Find the average of 14, 47, 74, 44, 19.

- (A) 41.6
- (B) 49.5
- (C) 39.6
- (D) 37.6

Answer: C

Explanation: Average = sum / count = $198/5 = 39.6$.

Q761. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 120
- (B) 34
- (C) 135.0
- (D) 7.5

Answer: A

Explanation: Distance = speed x time = $30 \times 4 = 120 \text{ km}$.

Q762. Find the simple interest on Rs. 1200 at 5% per annum for 3 years.

- (A) 180
- (B) 60
- (C) 728
- (D) 300

Answer: A

Explanation: $SI = PRT/100 = 1200 \times 5 \times 3/100 = \text{Rs. } 180$.

Q763. Find the simple interest on Rs. 4000 at 8% per annum for 4 years.

- (A) 1280
- (B) 880
- (C) 1680
- (D) 320

Answer: A

Explanation: $SI = \frac{PRT}{100} = 4000 \times 8 \times 4/100 = \text{Rs. } 1280.$

Q764. Find the simple interest on Rs. 1000 at 6% per annum for 4 years.

- (A) 140
- (B) 340
- (C) 240
- (D) 60

Answer: C

Explanation: $SI = \frac{PRT}{100} = 1000 \times 6 \times 4/100 = \text{Rs. } 240.$

Q765. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q766. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 24.0
- (B) 12
- (C) 18.0
- (D) 8.0

Answer: D

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{24} = \frac{(36)}{288}$; time = $\frac{288}{36} = 8.0$ days.

Q767. A can finish a work in 20 days and B in 20 days. In how many days can they finish it together?

- (A) 400.0
- (B) 20.0
- (C) 0
- (D) 10.0

Answer: D

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{20} = \frac{(40)}{400}$; time = $\frac{400}{40} = 10.0$ days.

Q768. Two quantities are in the ratio 7:9. If their total is 96, what is the first quantity?

- (A) 42
- (B) 54
- (C) 12
- (D) 96

Answer: A

Explanation: Total parts = 16. One part = $96/16 = 6$; first quantity = $7 \times 6 = 42.$

Q769. Find the simple interest on Rs. 4000 at 12% per annum for 2 years.

- (A) 960
- (B) 560
- (C) 1360
- (D) 480

Answer: A

Explanation: $SI = \frac{PRT}{100} = 4000 \times 12 \times 2/100 = \text{Rs. } 960.$

Q770. A can finish a work in 8 days and B in 15 days. In how many days can they finish it together?

- (A) 5.22
- (B) 7
- (C) 11.5
- (D) 17.14

Answer: A

Explanation: Combined rate = $1/8 + 1/15 = (23)/120$; time = $120/23 = 5.22$ days.

Q771. What is 20% of 320?

- (A) 80.0
- (B) 64
- (C) 96.0
- (D) 48.0

Answer: B

Explanation: 20% of 320 = $(20/100) \times 320 = 64.$

Q772. Find the simple interest on Rs. 1000 at 10% per annum for 2 years.

- (A) 310
- (B) 200
- (C) 100
- (D) 300

Answer: B

Explanation: $SI = \frac{PRT}{100} = 1000 \times 10 \times 2/100 = \text{Rs. } 200.$

Q773. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 12.5
- (B) 200
- (C) 54
- (D) 225.0

Answer: B

Explanation: Distance = speed $\times$ time = $50 \times 4 = 200$ km.

Q774. Find the simple interest on Rs. 1000 at 8% per annum for 4 years.

- (A) 220
- (B) 80
- (C) 420
- (D) 320

Answer: D

Explanation: $SI = \frac{PRT}{100} = 1000 \times 8 \times 4/100 = \text{Rs. } 320.$

Q775. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

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

Answer: C

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

Q776. Find the average of 29, 62, 24, 64, 15.

- (A) 40.8
- (B) 36.8
- (C) 38.8
- (D) 48.5

Answer: C

Explanation: Average = sum / count = $194/5 = 38.8$.

Q777. An item costs Rs. 800. At a profit of 20%, what is the selling price?

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

Answer: A

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

Q778. 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 = $PRT/100 = 1500 \times 5 \times 2/100 = \text{Rs. } 150$.

Q779. An item costs Rs. 200. At a profit of 20%, what is the selling price?

- (A) 240
- (B) 220
- (C) 160.0
- (D) 579

Answer: A

Explanation: Selling price = $200 \times (1 + 20/100) = \text{Rs. } 240$.

Q780. A can finish a work in 8 days and B in 18 days. In how many days can they finish it together?

- (A) 5.54
- (B) 13.0
- (C) 10
- (D) 14.4

Answer: A

Explanation: Combined rate = $1/8 + 1/18 = (26)/144$; time = $144/26 = 5.54$ days.

Q781. Two quantities are in the ratio 5:7. If their total is 120, what is the first quantity?

- (A) 120
- (B) 20
- (C) 50
- (D) 70

Answer: C

Explanation: Total parts = 12. One part = $120/12 = 10$; first quantity = $5 \times 10 = 50$.

Q782. Two quantities are in the ratio 5:7. If their total is 144, what is the first quantity?

- (A) 60
- (B) 144
- (C) 84
- (D) 24

Answer: A

Explanation: Total parts = 12. One part = $144/12 = 12$; first quantity = $5 \times 12 = 60$.

Q783. 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 = $5 \times 18 = 90$.

Q784. Two quantities are in the ratio 4:5. If their total is 126, what is the first quantity?

- (A) 70
- (B) 126
- (C) 14
- (D) 56

Answer: D

Explanation: Total parts = 9. One part = $126/9 = 14$; first quantity = $4 \times 14 = 56$.

Q785. A can finish a work in 18 days and B in 24 days. In how many days can they finish it together?

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

Answer: D

Explanation: Combined rate = $1/18 + 1/24 = (42)/432$; time = $432/42 = 10.29$ days.

Q786. What is 30% of 150?

- (A) 52.5
- (B) 37.5
- (C) 45
- (D) 60.0

Answer: C

Explanation: 30% of 150 = $(30/100) \times 150 = 45$.

Q787. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

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

Answer: A

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{12} = \frac{(18)}{72}$; time = $\frac{72}{18} = 4.0$ days.

Q788. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 70
- (B) 10
- (C) 40
- (D) 30

Answer: D

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q789. Find the average of 67, 37, 30, 12, 26.

- (A) 36.4
- (B) 34.4
- (C) 32.4
- (D) 43.0

Answer: B

Explanation: Average = sum / count = $172/5 = 34.4$.

Q790. Two quantities are in the ratio 7:9. If their total is 96, what is the first quantity?

- (A) 54
- (B) 42
- (C) 96
- (D) 12

Answer: B

Explanation: Total parts = 16. One part = $96/16 = 6$; first quantity = $7 \times 6 = 42$.

Q791. A can finish a work in 12 days and B in 18 days. In how many days can they finish it together?

- (A) 6
- (B) 15.0
- (C) 36.0
- (D) 7.2

Answer: D

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{18} = \frac{(30)}{216}$; time = $\frac{216}{30} = 7.2$ days.

Q792. Find the simple interest on Rs. 2000 at 5% per annum for 3 years.

- (A) 351
- (B) 300
- (C) 100
- (D) 500

Answer: B

Explanation: SI = $\frac{PRT}{100} = 2000 \times 5 \times 3/100 = \text{Rs. } 300$.

Q793. Two quantities are in the ratio 3:5. If their total is 128, what is the first quantity?

- (A) 128
- (B) 48
- (C) 32
- (D) 80

Answer: B

Explanation: Total parts = 8. One part = $128/8 = 16$; first quantity = $3 \times 16 = 48$.

Q794. Two quantities are in the ratio 4:5. If their total is 63, what is the first quantity?

- (A) 63
- (B) 28
- (C) 7
- (D) 35

Answer: B

Explanation: Total parts = 9. One part = $63/9 = 7$; first quantity = $4 \times 7 = 28$.

Q795. A can finish a work in 12 days and B in 15 days. In how many days can they finish it together?

- (A) 6.67
- (B) 3
- (C) 60.0
- (D) 13.5

Answer: A

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

Q796. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 240
- (B) 15.0
- (C) 64
- (D) 270.0

Answer: A

Explanation: Distance = speed $\times$ time = $60 \times 4 = 240$ km.

Q797. Find the simple interest on Rs. 1000 at 8% per annum for 4 years.

- (A) 420
- (B) 80
- (C) 220
- (D) 320

Answer: D

Explanation: $SI = PRT/100 = 1000 \times 8 \times 4/100 = \text{Rs. } 320$.

Q798. A can finish a work in 8 days and B in 18 days. In how many days can they finish it together?

- (A) 14.4
- (B) 5.54
- (C) 13.0
- (D) 10

Answer: B

Explanation: Combined rate = $1/8 + 1/18 = (26)/144$; time = $144/26 = 5.54$ days.

Q799. Find the average of 68, 35, 26, 13, 33.

- (A) 43.8
- (B) 37
- (C) 35
- (D) 33

Answer: C

Explanation: Average = sum / count = $175/5 = 35$.

Q800. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 90
- (B) 108.0
- (C) 38.5
- (D) 14.4

Answer: A

Explanation: Distance = speed x time = $36 \times 2.5 = 90$ km.

Q801. Find the simple interest on Rs. 1200 at 5% per annum for 2 years.

- (A) 120
- (B) 60
- (C) 240
- (D) 1

Answer: A

Explanation: SI = $PRT/100 = 1200 \times 5 \times 2/100 = \text{Rs. } 120$.

Q802. An item costs Rs. 250. At a profit of 20%, what is the selling price?

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

Answer: D

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

Q803. Two quantities are in the ratio 3:4. If their total is 77, what is the first quantity?

- (A) 44
- (B) 33
- (C) 77
- (D) 11

Answer: B

Explanation: Total parts = 7. One part = $77/7 = 11$; first quantity = $3 \times 11 = 33$.

Q804. What is 25% of 320?

- (A) 64.0
- (B) 80
- (C) 112.0
- (D) 96.0

Answer: B

Explanation: 25% of 320 = $(25/100) \times 320 = 80$.

Q805. 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 x time = $54 \times 2 = 108$ km.

Q806. A vehicle travels at 60 km/h for 3 hours. What distance does it cover?

- (A) 63
- (B) 180
- (C) 210.0
- (D) 20.0

Answer: B

Explanation: Distance = speed x time = $60 \times 3 = 180$ km.

Q807. An item costs Rs. 400. At a profit of 25%, what is the selling price?

- (A) 425
- (B) 300.0
- (C) 500
- (D) 450

Answer: C

Explanation: Selling price = $400 \times (1 + 25/100) = \text{Rs. } 500$.

Q808. What is 12.5% of 400?

- (A) 90.0
- (B) 30.0
- (C) 70.0
- (D) 50

Answer: D

Explanation: $12.5\% \text{ of } 400 = (12.5/100) \times 400 = 50$.

Q809. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

- (A) 2
- (B) 19.0
- (C) 9.47
- (D) 180.0

Answer: C

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

Q810. What is 40% of 240?

- (A) 84.0
- (B) 108.0
- (C) 96
- (D) 120.0

Answer: C

Explanation: $40\% \text{ of } 240 = (40/100) \times 240 = 96$.

Q811. Find the simple interest on Rs. 1500 at 8% per annum for 3 years.

- (A) 210
- (B) 360
- (C) 510
- (D) 120

Answer: B

Explanation: $SI = \frac{PRT}{100} = 1500 \times 8 \times 3 / 100 = \text{Rs. } 360.$

Q812. What is 20% of 360?

- (A) 54.0
- (B) 72
- (C) 90.0
- (D) 108.0

Answer: B

Explanation: $20\% \text{ of } 360 = (20/100) \times 360 = 72.$

Q813. A can finish a work in 8 days and B in 18 days. In how many days can they finish it together?

- (A) 5.54
- (B) 10
- (C) 14.4
- (D) 13.0

Answer: A

Explanation: Combined rate = $1/8 + 1/18 = (26)/144$; time = $144/26 = 5.54$ days.

Q814. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 56
- (B) 27.0
- (C) 108
- (D) 135.0

Answer: C

Explanation: Distance = speed $\times$ time = $54 \times 2 = 108$ km.

Q815. Two quantities are in the ratio 4:5. If their total is 99, what is the first quantity?

- (A) 44
- (B) 99
- (C) 11
- (D) 55

Answer: A

Explanation: Total parts = 9. One part = $99/9 = 11$; first quantity = $4 \times 11 = 44.$

Q816. Find the average of 13, 42, 58, 62, 71.

- (A) 49.2
- (B) 51.2
- (C) 47.2
- (D) 61.5

Answer: A

Explanation: Average = sum / count = $246/5 = 49.2.$

Q817. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 9.47
- (B) 360.0
- (C) 2
- (D) 19.0

Answer: A

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{18} = \frac{38}{360}$; time = $\frac{360}{38} = 9.47$ days.

Q818. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 2
- (B) 360.0
- (C) 19.0
- (D) 9.47

Answer: D

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{18} = \frac{38}{360}$; time = $\frac{360}{38} = 9.47$ days.

Q819. What is 10% of 500?

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

Answer: B

Explanation: 10% of 500 = $\frac{10}{100} \times 500 = 50$.

Q820. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 216
- (B) 24.0
- (C) 75
- (D) 252.0

Answer: A

Explanation: Distance = speed x time = $72 \times 3 = 216$ km.

Q821. Two quantities are in the ratio 3:5. If their total is 136, what is the first quantity?

- (A) 51
- (B) 34
- (C) 136
- (D) 85

Answer: A

Explanation: Total parts = 8. One part = $\frac{136}{8} = 17$; first quantity = $3 \times 17 = 51$.

Q822. What is 75% of 750?

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

Answer: B

Explanation: 75% of 750 = $\frac{75}{100} \times 750 = 562.5$.

Q823. Find the average of 44, 35, 40, 53, 22.

- (A) 36.8
- (B) 40.8
- (C) 38.8
- (D) 48.5

Answer: C

Explanation: Average = sum / count = $194/5 = 38.8$.

Q824. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: C

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

Q825. Find the average of 57, 39, 57, 45, 10.

- (A) 39.6
- (B) 43.6
- (C) 52.0
- (D) 41.6

Answer: D

Explanation: Average = sum / count = $208/5 = 41.6$.

Q826. An item costs Rs. 300. At a profit of 10%, what is the selling price?

- (A) 310
- (B) 270.0
- (C) 320
- (D) 330

Answer: D

Explanation: Selling price = $300 \times (1 + 10/100) = \text{Rs. } 330$.

Q827. Find the simple interest on Rs. 2000 at 5% per annum for 3 years.

- (A) 93
- (B) 100
- (C) 300
- (D) 500

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 5 \times 3}{100} = \text{Rs. } 300$.

Q828. Find the average of 20, 36, 62, 10, 43.

- (A) 34.2
- (B) 36.2
- (C) 42.8
- (D) 32.2

Answer: A

Explanation: Average = sum / count = $171/5 = 34.2$.

Q829. 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) 7.06
- (C) 17.14
- (D) 14

Answer: B

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

Q830. Find the simple interest on Rs. 2500 at 6% per annum for 2 years.

- (A) 50
- (B) 300
- (C) 550
- (D) 150

Answer: B

Explanation: $SI = PRT/100 = 2500 \times 6 \times 2/100 = \text{Rs. } 300$.

Q831. What is 20% of 360?

- (A) 72
- (B) 90.0
- (C) 54.0
- (D) 108.0

Answer: A

Explanation: 20% of 360 = $(20/100) \times 360 = 72$.

Q832. What is 50% of 480?

- (A) 216.0
- (B) 288.0
- (C) 240
- (D) 264.0

Answer: C

Explanation: 50% of 480 = $(50/100) \times 480 = 240$.

Q833. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q834. 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) 7.5
- (C) 30.0
- (D) 16.0

Answer: B

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

Q835. A can finish a work in 20 days and B in 12 days. In how many days can they finish it together?

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

Answer: D

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{12} = \frac{32}{240}$; time = $\frac{240}{32} = 7.5$ days.

Q836. An item costs Rs. 600. At a profit of 20%, what is the selling price?

- (A) 720
- (B) 620
- (C) 640
- (D) 480.0

Answer: A

Explanation: Selling price = $600 \times (1 + 20/100) = \text{Rs. } 720$.

Q837. Find the simple interest on Rs. 2500 at 6% per annum for 2 years.

- (A) 50
- (B) 550
- (C) 150
- (D) 300

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 6 \times 2}{100} = \text{Rs. } 300$.

Q838. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: D

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

Q839. Find the simple interest on Rs. 1500 at 10% per annum for 4 years.

- (A) 750
- (B) 150
- (C) 450
- (D) 600

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1500 \times 10 \times 4}{100} = \text{Rs. } 600$.

Q840. Two quantities are in the ratio 7:9. If their total is 128, what is the first quantity?

- (A) 56
- (B) 72
- (C) 16
- (D) 128

Answer: A

Explanation: Total parts = 16. One part = $128/16 = 8$; first quantity = $7 \times 8 = 56$.

Q841. What is 12.5% of 160?

- (A) 28.0
- (B) 36.0
- (C) 20
- (D) 12.0

Answer: C

Explanation: $12.5\% \text{ of } 160 = (12.5/100) \times 160 = 20$.

Q842. Find the average of 38, 11, 75, 49, 23.

- (A) 41.2
- (B) 37.2
- (C) 39.2
- (D) 49.0

Answer: C

Explanation: $\text{Average} = \text{sum} / \text{count} = 196/5 = 39.2$.

Q843. A can finish a work in 20 days and B in 24 days. In how many days can they finish it together?

- (A) 120.0
- (B) 4
- (C) 10.91
- (D) 22.0

Answer: C

Explanation: $\text{Combined rate} = 1/20 + 1/24 = (44)/480$; $\text{time} = 480/44 = 10.91 \text{ days}$.

Q844. Find the simple interest on Rs. 1000 at 5% per annum for 2 years.

- (A) 200
- (B) 1
- (C) 100
- (D) 50

Answer: C

Explanation: $\text{SI} = \text{PRT}/100 = 1000 \times 5 \times 2/100 = \text{Rs. } 100$.

Q845. An item costs Rs. 500. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q846. What is 60% of 240?

- (A) 156.0
- (B) 168.0
- (C) 144
- (D) 132.0

Answer: C

Explanation: $60\% \text{ of } 240 = (60/100) \times 240 = 144$.

Q847. What is 15% of 450?

- (A) 112.5
- (B) 45.0
- (C) 67.5
- (D) 90.0

Answer: C

Explanation: $15\% \text{ of } 450 = (15/100) \times 450 = 67.5$.

Q848. Find the simple interest on Rs. 2500 at 10% per annum for 3 years.

- (A) 1000
- (B) 500
- (C) 250
- (D) 750

Answer: D

Explanation: $SI = PRT/100 = 2500 \times 10 \times 3/100 = \text{Rs. } 750$.

Q849. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: D

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

Q850. An item costs Rs. 800. At a profit of 10%, what is the selling price?

- (A) 820
- (B) 810
- (C) 880
- (D) 720.0

Answer: C

Explanation: Selling price = $800 \times (1 + 10/100) = \text{Rs. } 880$.

Q851. An item costs Rs. 300. At a profit of 15%, what is the selling price?

- (A) 345
- (B) 330
- (C) 315
- (D) 255.0

Answer: A

Explanation: Selling price = $300 \times (1 + 15/100) = \text{Rs. } 345$.

Q852. A can finish a work in 8 days and B in 30 days. In how many days can they finish it together?

- (A) 22
- (B) 6.32
- (C) 10.91
- (D) 19.0

Answer: B

Explanation: Combined rate = $1/8 + 1/30 = (38)/240$; time = $240/38 = 6.32$ days.

Q853. What is 30% of 400?

- (A) 120
- (B) 140.0
- (C) 100.0
- (D) 160.0

Answer: A

Explanation: 30% of 400 = $(30/100) \times 400 = 120$.

Q854. Two quantities are in the ratio 2:3. If their total is 60, what is the first quantity?

- (A) 60
- (B) 12
- (C) 24
- (D) 36

Answer: C

Explanation: Total parts = 5. One part = $60/5 = 12$; first quantity = $2 \times 12 = 24$.

Q855. 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) 18.0
- (C) 24.0
- (D) 8.0

Answer: D

Explanation: Combined rate = $1/12 + 1/24 = (36)/288$; time = $288/36 = 8.0$ days.

Q856. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: A

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

Q857. Find the average of 36, 24, 43, 27, 65.

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

Answer: C

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

Q858. A can finish a work in 18 days and B in 12 days. In how many days can they finish it together?

- (A) 15.0
- (B) 216.0
- (C) 7.2
- (D) 6

Answer: C

Explanation: Combined rate = $1/18 + 1/12 = (30)/216$; time = $216/30 = 7.2$ days.

Q859. Find the simple interest on Rs. 1200 at 12% per annum for 4 years.

- (A) 456
- (B) 696
- (C) 576
- (D) 144

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 12 \times 4}{100} = \text{Rs. } 576.$

Q860. An item costs Rs. 600. At a profit of 25%, what is the selling price?

- (A) 750
- (B) 625
- (C) 650
- (D) 450.0

Answer: A

Explanation: Selling price = $600 \times (1 + \frac{25}{100}) = \text{Rs. } 750.$

Q861. Find the average of 69, 79, 66, 19, 15.

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

Answer: D

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{248}{5} = 49.6.$

Q862. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

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

Answer: B

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{12} = \frac{18}{72}$; time = $\frac{72}{18} = 4.0$ days.

Q863. An item costs Rs. 250. At a profit of 12%, what is the selling price?

- (A) 280
- (B) 262
- (C) 274
- (D) 220.0

Answer: A

Explanation: Selling price = $250 \times (1 + \frac{12}{100}) = \text{Rs. } 280.$

Q864. Find the simple interest on Rs. 3000 at 8% per annum for 3 years.

- (A) 720
- (B) 420
- (C) 1020
- (D) 240

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 8 \times 3}{100} = \text{Rs. } 720.$

Q865. Find the simple interest on Rs. 5000 at 10% per annum for 2 years.

- (A) 1000
- (B) 500
- (C) 726
- (D) 1500

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{5000 \times 10 \times 2}{100} = \text{Rs. } 1000$.

Q866. Find the simple interest on Rs. 3000 at 5% per annum for 4 years.

- (A) 300
- (B) 150
- (C) 900
- (D) 600

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 5 \times 4}{100} = \text{Rs. } 600$.

Q867. Two quantities are in the ratio 3:5. If their total is 136, what is the first quantity?

- (A) 51
- (B) 136
- (C) 34
- (D) 85

Answer: A

Explanation: Total parts = 8. One part = $136/8 = 17$; first quantity = $3 \times 17 = 51$.

Q868. Two quantities are in the ratio 5:7. If their total is 156, what is the first quantity?

- (A) 156
- (B) 65
- (C) 91
- (D) 26

Answer: B

Explanation: Total parts = 12. One part = $156/12 = 13$; first quantity = $5 \times 13 = 65$.

Q869. What is 25% of 600?

- (A) 210.0
- (B) 120.0
- (C) 180.0
- (D) 150

Answer: D

Explanation: $25\% \text{ of } 600 = \frac{25}{100} \times 600 = 150$.

Q870. What is 40% of 180?

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

Answer: B

Explanation: $40\% \text{ of } 180 = \frac{40}{100} \times 180 = 72$.

Q871. Find the average of 31, 65, 71, 75, 36.

- (A) 53.6
- (B) 57.6
- (C) 55.6
- (D) 69.5

Answer: C

Explanation: Average = sum / count = $278/5 = 55.6$.

Q872. Find the simple interest on Rs. 2000 at 8% per annum for 3 years.

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

Answer: B

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

Q873. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

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

Answer: D

Explanation: Distance = speed $\times$ time = $72 \times 2 = 144$ km.

Q874. Find the average of 48, 67, 32, 46, 42.

- (A) 49
- (B) 45
- (C) 47
- (D) 58.8

Answer: C

Explanation: Average = sum / count = $235/5 = 47$.

Q875. A can finish a work in 8 days and B in 30 days. In how many days can they finish it together?

- (A) 6.32
- (B) 22
- (C) 19.0
- (D) 10.91

Answer: A

Explanation: Combined rate = $1/8 + 1/30 = (38)/240$; time = $240/38 = 6.32$ days.

Q876. Two quantities are in the ratio 2:3. If their total is 85, what is the first quantity?

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

Answer: B

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

Q877. An item costs Rs. 300. At a profit of 10%, what is the selling price?

- (A) 330
- (B) 270.0
- (C) 310
- (D) 320

Answer: A

Explanation: Selling price = $300 \times (1 + 10/100) = \text{Rs. } 330$.

Q878. An item costs Rs. 200. At a profit of 20%, what is the selling price?

- (A) 240
- (B) 220
- (C) 745
- (D) 160.0

Answer: A

Explanation: Selling price = $200 \times (1 + 20/100) = \text{Rs. } 240$.

Q879. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 7.5
- (B) 120
- (C) 34
- (D) 135.0

Answer: B

Explanation: Distance = speed $\times$ time = $30 \times 4 = 120$ km.

Q880. Find the average of 73, 74, 61, 15, 15.

- (A) 45.6
- (B) 49.6
- (C) 59.5
- (D) 47.6

Answer: D

Explanation: Average = sum / count = $238/5 = 47.6$.

Q881. An item costs Rs. 240. At a profit of 10%, what is the selling price?

- (A) 264
- (B) 250
- (C) 216.0
- (D) 260

Answer: A

Explanation: Selling price = $240 \times (1 + 10/100) = \text{Rs. } 264$.

Q882. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 135.0
- (B) 18.0
- (C) 47.5
- (D) 112.5

Answer: D

Explanation: Distance = speed $\times$ time = $45 \times 2.5 = 112.5$ km.

Q883. Two quantities are in the ratio 2:3. If their total is 90, what is the first quantity?

- (A) 36
- (B) 18
- (C) 54
- (D) 90

Answer: A

Explanation: Total parts = 5. One part = $90/5 = 18$; first quantity = $2 \times 18 = 36$.

Q884. Find the simple interest on Rs. 1200 at 8% per annum for 4 years.

- (A) 264
- (B) 96
- (C) 384
- (D) 504

Answer: C

Explanation: $SI = PRT/100 = 1200 \times 8 \times 4/100 = \text{Rs. } 384$.

Q885. An item costs Rs. 600. At a profit of 15%, what is the selling price?

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

Answer: A

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

Q886. Two quantities are in the ratio 4:5. If their total is 126, what is the first quantity?

- (A) 70
- (B) 56
- (C) 126
- (D) 14

Answer: B

Explanation: Total parts = 9. One part = $126/9 = 14$; first quantity = $4 \times 14 = 56$.

Q887. An item costs Rs. 320. At a profit of 30%, what is the selling price?

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

Answer: A

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

Q888. An item costs Rs. 300. At a profit of 30%, what is the selling price?

- (A) 390
- (B) 360
- (C) 210.0
- (D) 330

Answer: A

Explanation: Selling price = $300 \times (1 + 30/100) = \text{Rs. } 390$.

Q889. Two quantities are in the ratio 5:7. If their total is 72, what is the first quantity?

- (A) 12
- (B) 42
- (C) 30
- (D) 72

Answer: C

Explanation: Total parts = 12. One part = $72/12 = 6$; first quantity = $5 \times 6 = 30$.

Q890. Find the simple interest on Rs. 2000 at 10% per annum for 2 years.

- (A) 200
- (B) 400
- (C) 826
- (D) 600

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 10 \times 2}{100} = \text{Rs. } 400$.

Q891. What is 75% of 250?

- (A) 175.0
- (B) 187.5
- (C) 212.5
- (D) 200.0

Answer: B

Explanation: $75\% \text{ of } 250 = \frac{75}{100} \times 250 = 187.5$.

Q892. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q893. An item costs Rs. 750. At a profit of 30%, what is the selling price?

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

Answer: D

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

Q894. A can finish a work in 8 days and B in 12 days. In how many days can they finish it together?

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

Answer: A

Explanation: Combined rate = $\frac{1}{8} + \frac{1}{12} = \frac{(20)}{96}$; time = $\frac{96}{20} = 4.8$ days.

Q895. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 10
- (B) 35
- (C) 25
- (D) 60

Answer: C

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q896. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 13
- (B) 52
- (C) 91
- (D) 39

Answer: D

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q897. Two quantities are in the ratio 4:5. If their total is 63, what is the first quantity?

- (A) 63
- (B) 7
- (C) 28
- (D) 35

Answer: C

Explanation: Total parts = 9. One part = $63/9 = 7$; first quantity = $4 \times 7 = 28$.

Q898. Find the simple interest on Rs. 3000 at 12% per annum for 4 years.

- (A) 1440
- (B) 1140
- (C) 360
- (D) 1740

Answer: A

Explanation: $SI = PRT/100 = 3000 \times 12 \times 4/100 = \text{Rs. } 1440$.

Q899. 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.

Q900. Two quantities are in the ratio 5:7. If their total is 132, what is the first quantity?

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

Answer: D

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

Q901. Two quantities are in the ratio 5:7. If their total is 192, what is the first quantity?

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

Answer: A

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

Q902. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q903. Find the average of 39, 10, 33, 52, 22.

- (A) 39.0
- (B) 29.2
- (C) 33.2
- (D) 31.2

Answer: D

Explanation: Average = sum / count = $156/5 = 31.2$.

Q904. Find the average of 72, 43, 19, 25, 69.

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

Answer: D

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

Q905. What is 15% of 360?

- (A) 72.0
- (B) 36.0
- (C) 54
- (D) 90.0

Answer: C

Explanation: 15% of 360 = $(15/100) \times 360 = 54$.

Q906. Find the simple interest on Rs. 2500 at 12% per annum for 2 years.

- (A) 850
- (B) 350
- (C) 600
- (D) 300

Answer: C

Explanation: SI = $PRT/100 = 2500 \times 12 \times 2/100 = \text{Rs. } 600$.

Q907. Find the simple interest on Rs. 3000 at 10% per annum for 2 years.

- (A) 900
- (B) 600
- (C) 692
- (D) 300

Answer: B

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

Q908. Two quantities are in the ratio 3:4. If their total is 126, what is the first quantity?

- (A) 72
- (B) 54
- (C) 18
- (D) 126

Answer: B

Explanation: Total parts = 7. One part = $126/7 = 18$; first quantity = $3 \times 18 = 54.$

Q909. An item costs Rs. 200. At a profit of 20%, what is the selling price?

- (A) 220
- (B) 160.0
- (C) 110
- (D) 240

Answer: D

Explanation: Selling price = $200 \times (1 + 20/100) = \text{Rs. } 240.$

Q910. Find the simple interest on Rs. 3000 at 5% per annum for 4 years.

- (A) 900
- (B) 150
- (C) 300
- (D) 600

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 5 \times 4}{100} = \text{Rs. } 600.$

Q911. What is 35% of 450?

- (A) 157.5
- (B) 135.0
- (C) 202.5
- (D) 180.0

Answer: A

Explanation: 35% of 450 = $(35/100) \times 450 = 157.5.$

Q912. Find the average of 40, 47, 39, 25, 14.

- (A) 41.2
- (B) 35
- (C) 31
- (D) 33

Answer: D

Explanation: Average = sum / count = $165/5 = 33.$

Q913. Find the simple interest on Rs. 1200 at 8% per annum for 3 years.

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

Answer: A

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

Q914. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q915. Find the simple interest on Rs. 1000 at 10% per annum for 4 years.

- (A) 300
- (B) 100
- (C) 400
- (D) 500

Answer: C

Explanation: $SI = \frac{PRT}{100} = 1000 \times 10 \times 4 / 100 = \text{Rs. } 400.$

Q916. Find the average of 68, 78, 55, 59, 51.

- (A) 62.2
- (B) 64.2
- (C) 77.8
- (D) 60.2

Answer: A

Explanation: Average = sum / count = $311 / 5 = 62.2.$

Q917. What is 30% of 500?

- (A) 150
- (B) 175.0
- (C) 200.0
- (D) 125.0

Answer: A

Explanation: 30% of 500 = $(30/100) \times 500 = 150.$

Q918. A vehicle travels at 36 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q919. Find the average of 35, 62, 30, 62, 72.

- (A) 54.2
- (B) 65.2
- (C) 52.2
- (D) 50.2

Answer: C

Explanation: Average = sum / count = $261/5 = 52.2$.

Q920. Find the simple interest on Rs. 1000 at 8% per annum for 2 years.

- (A) 260
- (B) 160
- (C) 60
- (D) 80

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 8 \times 2}{100} = \text{Rs. } 160$.

Q921. Find the average of 74, 28, 77, 50, 57.

- (A) 59.2
- (B) 57.2
- (C) 55.2
- (D) 71.5

Answer: B

Explanation: Average = sum / count = $286/5 = 57.2$.

Q922. Two quantities are in the ratio 3:5. If their total is 136, what is the first quantity?

- (A) 51
- (B) 34
- (C) 136
- (D) 85

Answer: A

Explanation: Total parts = 8. One part = $136/8 = 17$; first quantity = $3 \times 17 = 51$.

Q923. 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.

Q924. Find the average of 53, 42, 61, 58, 48.

- (A) 54.4
- (B) 52.4
- (C) 65.5
- (D) 50.4

Answer: B

Explanation: Average = sum / count = $262/5 = 52.4$.

Q925. Find the average of 76, 18, 35, 40, 25.

- (A) 48.5
- (B) 38.8
- (C) 40.8
- (D) 36.8

Answer: B

Explanation: Average = sum / count = $194/5 = 38.8$.

Q926. What is 25% of 360?

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

Answer: A

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

Q927. Find the average of 44, 34, 79, 69, 71.

- (A) 57.4
- (B) 61.4
- (C) 59.4
- (D) 74.2

Answer: C

Explanation: Average = sum / count = $297/5 = 59.4$.

Q928. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

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

Answer: B

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

Q929. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 40
- (B) 30
- (C) 10
- (D) 70

Answer: B

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q930. Find the average of 50, 21, 65, 32, 60.

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

Answer: A

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

Q931. A can finish a work in 10 days and B in 18 days. In how many days can they finish it together?

- (A) 14.0
- (B) 8
- (C) 22.5
- (D) 6.43

Answer: D

Explanation: Combined rate = $1/10 + 1/18 = (28)/180$; time = $180/28 = 6.43$ days.

Q932. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q933. Find the simple interest on Rs. 1500 at 6% per annum for 4 years.

- (A) 90
- (B) 360
- (C) 510
- (D) 210

Answer: B

Explanation: $SI = PRT/100 = 1500 \times 6 \times 4/100 = \text{Rs. } 360$.

Q934. A can finish a work in 6 days and B in 15 days. In how many days can they finish it together?

- (A) 4.29
- (B) 9
- (C) 10.5
- (D) 10.0

Answer: A

Explanation: Combined rate = $1/6 + 1/15 = (21)/90$; time = $90/21 = 4.29$ days.

Q935. What is 30% of 750?

- (A) 300.0
- (B) 187.5
- (C) 225
- (D) 262.5

Answer: C

Explanation: 30% of 750 = $(30/100) \times 750 = 225$.

Q936. What is 20% of 450?

- (A) 135.0
- (B) 90
- (C) 67.5
- (D) 112.5

Answer: B

Explanation: 20% of 450 = $(20/100) \times 450 = 90$.

Q937. An item costs Rs. 320. At a profit of 10%, what is the selling price?

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

Answer: C

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

Q938. A can finish a work in 18 days and B in 15 days. In how many days can they finish it together?

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

Answer: D

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

Q939. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q940. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 9.47
- (B) 2
- (C) 360.0
- (D) 19.0

Answer: A

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

Q941. Two quantities are in the ratio 3:4. If their total is 126, what is the first quantity?

- (A) 18
- (B) 54
- (C) 72
- (D) 126

Answer: B

Explanation: Total parts = 7. One part = $126/7 = 18$; first quantity = $3 \times 18 = 54$.

Q942. Two quantities are in the ratio 4:5. If their total is 135, what is the first quantity?

- (A) 15
- (B) 135
- (C) 75
- (D) 60

Answer: D

Explanation: Total parts = 9. One part = $135/9 = 15$; first quantity = $4 \times 15 = 60$.

Q943. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

- (A) 21.6
- (B) 135
- (C) 162.0
- (D) 56.5

Answer: B

Explanation: Distance = speed x time = $54 \times 2.5 = 135$ km.

Q944. What is 60% of 250?

- (A) 137.5
- (B) 150
- (C) 175.0
- (D) 162.5

Answer: B

Explanation: 60% of 250 = $(60/100) \times 250 = 150$.

Q945. 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.

Q946. Two quantities are in the ratio 2:3. If their total is 30, what is the first quantity?

- (A) 6
- (B) 18
- (C) 30
- (D) 12

Answer: D

Explanation: Total parts = 5. One part = $30/5 = 6$; first quantity = $2 \times 6 = 12$.

Q947. What is 40% of 800?

- (A) 320
- (B) 280.0
- (C) 400.0
- (D) 360.0

Answer: A

Explanation: 40% of 800 = $(40/100) \times 800 = 320$.

Q948. Find the simple interest on Rs. 2500 at 12% per annum for 4 years.

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

Answer: B

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

Q949. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 9.47
- (B) 2
- (C) 360.0
- (D) 19.0

Answer: A

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

Q950. Find the simple interest on Rs. 2500 at 5% per annum for 2 years.

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

Answer: B

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

Q951. A can finish a work in 12 days and B in 12 days. In how many days can they finish it together?

- (A) 144.0
- (B) 6.0
- (C) 12.0
- (D) 0

Answer: B

Explanation: Combined rate = $1/12 + 1/12 = (24)/144$; time = $144/24 = 6.0$ days.

Q952. What is 10% of 320?

- (A) 16.0
- (B) 48.0
- (C) 64.0
- (D) 32

Answer: D

Explanation: 10% of 320 = $(10/100) \times 320 = 32$.

Q953. What is 25% of 120?

- (A) 30
- (B) 36.0
- (C) 24.0
- (D) 42.0

Answer: A

Explanation: 25% of 120 = $(25/100) \times 120 = 30$.

Q954. Find the average of 19, 30, 75, 59, 33.

- (A) 41.2
- (B) 45.2
- (C) 43.2
- (D) 54.0

Answer: C

Explanation: Average = sum / count = $216/5 = 43.2$.

Q955. Find the simple interest on Rs. 2000 at 8% per annum for 4 years.

- (A) 440
- (B) 160
- (C) 840
- (D) 640

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 8 \times 4}{100} = \text{Rs. } 640.$

Q956. Find the average of 34, 29, 42, 44, 37.

- (A) 37.2
- (B) 46.5
- (C) 35.2
- (D) 39.2

Answer: A

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{186}{5} = 37.2.$

Q957. Two quantities are in the ratio 4:5. If their total is 144, what is the first quantity?

- (A) 144
- (B) 80
- (C) 16
- (D) 64

Answer: D

Explanation: Total parts = 9. One part = $144/9 = 16$; first quantity = $4 \times 16 = 64.$

Q958. What is 35% of 160?

- (A) 64.0
- (B) 56
- (C) 48.0
- (D) 72.0

Answer: B

Explanation: $35\% \text{ of } 160 = \frac{35}{100} \times 160 = 56.$

Q959. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 270.0
- (B) 240
- (C) 64
- (D) 15.0

Answer: B

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 60 \times 4 = 240 \text{ km}.$

Q960. Find the average of 65, 27, 52, 43, 32.

- (A) 45.8
- (B) 54.8
- (C) 41.8
- (D) 43.8

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{219}{5} = 43.8.$

Q961. A can finish a work in 6 days and B in 30 days. In how many days can they finish it together?

- (A) 5.0
- (B) 7.5
- (C) 18.0
- (D) 24

Answer: A

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{30} = \frac{36}{180}$; time = $\frac{180}{36} = 5.0$ days.

Q962. Find the simple interest on Rs. 1500 at 5% per annum for 4 years.

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

Answer: A

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

Q963. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 108
- (B) 18
- (C) 63
- (D) 45

Answer: D

Explanation: Total parts = 12. One part = $\frac{108}{12} = 9$; first quantity = $5 \times 9 = 45$.

Q964. An item costs Rs. 750. At a profit of 15%, what is the selling price?

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

Answer: C

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

Q965. An item costs Rs. 800. At a profit of 15%, what is the selling price?

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

Answer: C

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

Q966. Two quantities are in the ratio 7:9. If their total is 256, what is the first quantity?

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

Answer: C

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

Q967. Find the simple interest on Rs. 1200 at 12% per annum for 2 years.

- (A) 168
- (B) 288
- (C) 408
- (D) 144

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 12 \times 2}{100} = \text{Rs. } 288.$

Q968. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q969. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 60
- (B) 32
- (C) 75.0
- (D) 15.0

Answer: A

Explanation: Distance = speed $\times$ time = $30 \times 2 = 60$ km.

Q970. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

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

Answer: C

Explanation: Combined rate = $\frac{1}{15} + \frac{1}{20} = \frac{35}{300}$; time = $\frac{300}{35} = 8.57$ days.

Q971. What is 40% of 480?

- (A) 216.0
- (B) 168.0
- (C) 192
- (D) 240.0

Answer: C

Explanation: 40% of 480 = $\frac{40}{100} \times 480 = 192.$

Q972. Two quantities are in the ratio 7:9. If their total is 64, what is the first quantity?

- (A) 64
- (B) 28
- (C) 8
- (D) 36

Answer: B

Explanation: Total parts = 16. One part = $\frac{64}{16} = 4$; first quantity = $7 \times 4 = 28.$

Q973. Find the simple interest on Rs. 1000 at 12% per annum for 4 years.

- (A) 480
- (B) 380
- (C) 120
- (D) 580

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 12 \times 4}{100} = \text{Rs. } 480.$

Q974. Find the average of 15, 23, 80, 77, 30.

- (A) 45
- (B) 43
- (C) 47
- (D) 56.2

Answer: A

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{225}{5} = 45.$

Q975. Two quantities are in the ratio 2:3. If their total is 35, what is the first quantity?

- (A) 21
- (B) 7
- (C) 35
- (D) 14

Answer: D

Explanation: Total parts = 5. One part = $35/5 = 7$; first quantity = $2 \times 7 = 14.$

Q976. Find the average of 25, 32, 63, 71, 74.

- (A) 53
- (B) 51
- (C) 55
- (D) 66.2

Answer: A

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{265}{5} = 53.$

Q977. What is 20% of 120?

- (A) 18.0
- (B) 30.0
- (C) 36.0
- (D) 24

Answer: D

Explanation: $20\% \text{ of } 120 = \frac{20}{100} \times 120 = 24.$

Q978. An item costs Rs. 800. At a profit of 30%, what is the selling price?

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

Answer: B

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

Q979. Find the average of 32, 48, 16, 11, 48.

- (A) 38.8
- (B) 33
- (C) 29
- (D) 31

Answer: D

Explanation: Average = sum / count = $155/5 = 31$.

Q980. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 13
- (B) 52
- (C) 39
- (D) 91

Answer: C

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q981. What is 40% of 180?

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

Answer: A

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

Q982. Find the average of 37, 39, 31, 56, 40.

- (A) 40.6
- (B) 50.8
- (C) 42.6
- (D) 38.6

Answer: A

Explanation: Average = sum / count = $203/5 = 40.6$.

Q983. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

- (A) 8.0
- (B) 24.0
- (C) 12
- (D) 18.0

Answer: A

Explanation: Combined rate = $1/12 + 1/24 = (36)/288$; time = $288/36 = 8.0$ days.

Q984. 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
- (C) 20.0
- (D) 15.0

Answer: A

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

Q985. What is 35% of 480?

- (A) 216.0
- (B) 192.0
- (C) 168
- (D) 144.0

Answer: C

Explanation: $35\% \text{ of } 480 = (35/100) \times 480 = 168$.

Q986. What is 15% of 800?

- (A) 160.0
- (B) 120
- (C) 200.0
- (D) 80.0

Answer: B

Explanation: $15\% \text{ of } 800 = (15/100) \times 800 = 120$.

Q987. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

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

Answer: B

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

Q988. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 150
- (B) 53
- (C) 16.67
- (D) 175.0

Answer: A

Explanation: Distance = speed x time = $50 \times 3 = 150$ km.

Q989. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 135.0
- (B) 7.5
- (C) 34
- (D) 120

Answer: D

Explanation: Distance = speed x time = $30 \times 4 = 120$ km.

Q990. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q991. Find the simple interest on Rs. 3000 at 8% per annum for 3 years.

- (A) 240
- (B) 720
- (C) 1020
- (D) 420

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 8 \times 3}{100} = \text{Rs. } 720$.

Q992. 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) 6.0
- (C) 12.0
- (D) 16.0

Answer: B

Explanation: Combined rate = $\frac{1}{8} + \frac{1}{24} = \frac{32}{192}$; time = $\frac{192}{32} = 6.0$ days.

Q993. An item costs Rs. 300. At a profit of 20%, what is the selling price?

- (A) 320
- (B) 340
- (C) 360
- (D) 240.0

Answer: C

Explanation: Selling price = $300 \times (1 + \frac{20}{100}) = \text{Rs. } 360$.

Q994. What is 60% of 120?

- (A) 78.0
- (B) 72
- (C) 84.0
- (D) 66.0

Answer: B

Explanation: 60% of 120 = $(\frac{60}{100}) \times 120 = 72$.

Q995. Find the average of 33, 51, 19, 49, 11.

- (A) 32.6
- (B) 40.8
- (C) 34.6
- (D) 30.6

Answer: A

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{163}{5} = 32.6$.

Q996. Find the simple interest on Rs. 2500 at 6% per annum for 2 years.

- (A) 300
- (B) 50
- (C) 150
- (D) 550

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 6 \times 2}{100} = \text{Rs. } 300$.

Q997. An item costs Rs. 300. At a profit of 20%, what is the selling price?

- (A) 340
- (B) 240.0
- (C) 360
- (D) 320

Answer: C

Explanation: Selling price = $300 \times (1 + 20/100) = \text{Rs. } 360$.

Q998. Find the simple interest on Rs. 1500 at 5% per annum for 2 years.

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

Answer: B

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

Q999. A can finish a work in 15 days and B in 18 days. In how many days can they finish it together?

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

Answer: A

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

Q1000. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

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

Answer: A

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

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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