

EXAMGURUX

TSPSC AEE 2026 - Common Preparation

1000 Original General & Aptitude Practice MCQs

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Official reference: Telangana Public Service Commission official portal / latest available AEE scheme

Coverage note: Covers common/general preparation only. Engineering discipline-specific technical questions are intentionally excluded because AEE technical syllabi differ by branch.

Section	Questions
General Studies & Awareness	400
Reasoning & Mental Ability	300
Quantitative Aptitude	300

General Studies & Awareness

Q1. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q2. The 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.

Q3. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q4. 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.

Q5. The fundamental unit of life is

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

Answer: A

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

Q6. 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.

Q7. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q8. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q9. 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.

Q10. 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.

Q11. 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.

Q12. 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.

Q13. 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.

Q14. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q15. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q16. The fundamental unit of life is

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

Answer: C

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

Q17. The longest river entirely within India is

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

Answer: C

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

Q18. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q19. 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.

Q20. 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.

Q21. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q22. 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.

Q23. The longest river entirely within India is

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

Answer: A

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

Q24. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q25. 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.

Q26. 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.

Q27. 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.

Q28. 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.

Q29. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q30. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q31. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q32. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q33. 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.

Q34. 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.

Q35. The Parliament of India consists of

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

Answer: C

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

Q36. The speed of light in vacuum is approximately

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

Answer: C

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

Q37. 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.

Q38. 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.

Q39. 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.

Q40. The planet known as the Red Planet is

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

Answer: B

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

Q41. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q42. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q43. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q44. 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.

Q45. 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.

Q46. 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.

Q47. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q48. The planet known as the Red Planet is

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

Answer: A

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

Q49. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q50. 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.

Q51. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q52. The fundamental unit of life is

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

Answer: C

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

Q53. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q54. The Parliament of India consists of

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

Answer: B

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

Q55. 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.

Q56. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q57. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q58. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q59. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q60. The fundamental unit of life is

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

Answer: C

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

Q61. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q62. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q63. The longest river entirely within India is

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

Answer: D

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

Q64. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q65. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q66. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q67. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q68. 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.

Q69. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q70. The longest river entirely within India is

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

Answer: C

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

Q71. 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.

Q72. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q73. 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.

Q74. 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.

Q75. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q76. 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.

Q77. 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.

Q78. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q79. 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.

Q80. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q81. 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.

Q82. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q83. 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.

Q84. 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.

Q85. 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.

Q86. 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.

Q87. 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.

Q88. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q89. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q90. 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.

Q91. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q92. 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.

Q93. The planet known as the Red Planet is

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

Answer: D

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

Q94. 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.

Q95. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q96. 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.

Q97. 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.

Q98. 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.

Q99. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q100. 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.

Q101. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q102. 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.

Q103. The speed of light in vacuum is approximately

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

Answer: B

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

Q104. The planet known as the Red Planet is

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

Answer: A

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

Q105. The fundamental unit of life is

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

Answer: A

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

Q106. 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.

Q107. The fundamental unit of life is

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

Answer: C

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

Q108. 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.

Q109. 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.

Q110. 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.

Q111. 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.

Q112. 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.

Q113. 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.

Q114. 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.

Q115. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q116. 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.

Q117. 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.

Q118. 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.

Q119. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q120. 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.

Q121. 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.

Q122. 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.

Q123. 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.

Q124. 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.

Q125. The planet known as the Red Planet is

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

Answer: D

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

Q126. 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.

Q127. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q128. 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.

Q129. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q130. 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.

Q131. 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.

Q132. The speed of light in vacuum is approximately

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

Answer: D

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

Q133. 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.

Q134. The fundamental unit of life is

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

Answer: B

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

Q135. 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.

Q136. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q137. The speed of light in vacuum is approximately

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

Answer: D

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

Q138. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q139. 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.

Q140. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q141. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q142. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q143. 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.

Q144. 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.

Q145. The longest river entirely within India is

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

Answer: B

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

Q146. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q147. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q148. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q149. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q150. The longest river entirely within India is

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

Answer: B

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

Q151. 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.

Q152. The speed of light in vacuum is approximately

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

Answer: D

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

Q153. The longest river entirely within India is

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

Answer: D

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

Q154. 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.

Q155. 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.

Q156. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q157. 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.

Q158. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q159. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q160. 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.

Q161. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q162. The fundamental unit of life is

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

Answer: D

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

Q163. 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.

Q164. The planet known as the Red Planet is

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

Answer: D

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

Q165. The planet known as the Red Planet is

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

Answer: B

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

Q166. The speed of light in vacuum is approximately

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

Answer: A

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

Q167. 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.

Q168. 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.

Q169. 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.

Q170. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q171. 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.

Q172. The planet known as the Red Planet is

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

Answer: D

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

Q173. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q174. 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.

Q175. 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.

Q176. 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.

Q177. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q178. 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.

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

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q180. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q181. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q182. 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.

Q183. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q184. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q185. The Parliament of India consists of

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

Answer: D

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

Q186. 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.

Q187. 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.

Q188. 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.

Q189. 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.

Q190. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q191. 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.

Q192. 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.

Q193. 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.

Q194. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q195. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q196. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q197. 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.

Q198. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q199. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q200. The planet known as the Red Planet is

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

Answer: B

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

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

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q202. 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.

Q203. 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.

Q204. 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.

Q205. 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.

Q206. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q207. 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.

Q208. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q209. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q210. 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.

Q211. 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.

Q212. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q213. 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.

Q214. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q215. The Parliament of India consists of

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

Answer: C

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

Q216. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q217. 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.

Q218. 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.

Q219. The fundamental unit of life is

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

Answer: B

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

Q220. The Parliament of India consists of

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

Answer: B

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

Q221. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q222. The fundamental unit of life is

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

Answer: B

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

Q223. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q224. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q225. 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.

Q226. 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.

Q227. 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.

Q228. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q229. 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.

Q230. 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.

Q231. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q232. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q233. 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.

Q234. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q235. 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.

Q236. 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.

Q237. 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.

Q238. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q239. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q240. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q241. 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.

Q242. 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.

Q243. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q244. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q245. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q246. 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.

Q247. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q248. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q249. 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.

Q250. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q251. 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.

Q252. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q253. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q254. 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.

Q255. Which gas is most abundant in Earth's atmosphere?

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

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q256. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q257. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q258. 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.

Q259. The fundamental unit of life is

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

Answer: A

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

Q260. The planet known as the Red Planet is

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

Answer: B

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

Q261. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q262. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q263. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q264. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q265. The speed of light in vacuum is approximately

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

Answer: D

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

Q266. 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.

Q267. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q268. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q269. 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.

Q270. 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.

Q271. The Parliament of India consists of

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

Answer: C

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

Q272. The planet known as the Red Planet is

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

Answer: A

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

Q273. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q274. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q275. 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.

Q276. 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.

Q277. 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.

Q278. 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.

Q279. Which blood cells primarily carry oxygen?

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

Answer: C

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

Q280. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q281. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q282. 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.

Q283. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q284. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q285. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q286. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q287. 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.

Q288. 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.

Q289. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q290. 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.

Q291. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q292. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q293. 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.

Q294. 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.

Q295. The planet known as the Red Planet is

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

Answer: A

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

Q296. 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.

Q297. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q298. The fundamental unit of life is

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

Answer: B

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

Q299. 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.

Q300. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q301. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q302. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q303. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q304. 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.

Q305. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q306. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q307. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q308. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q309. The largest ocean on Earth is

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

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q310. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q311. 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.

Q312. 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.

Q313. 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.

Q314. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q315. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q316. 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.

Q317. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q318. 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.

Q319. 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.

Q320. 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.

Q321. 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.

Q322. 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.

Q323. 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.

Q324. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q325. 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.

Q326. 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.

Q327. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q328. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q329. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q330. 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.

Q331. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q332. 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.

Q333. 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.

Q334. 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.

Q335. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q336. 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.

Q337. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q338. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q339. 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.

Q340. The Parliament of India consists of

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

Answer: A

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

Q341. The longest river entirely within India is

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

Answer: D

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

Q342. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q343. 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.

Q344. 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.

Q345. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q346. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q347. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q348. 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.

Q349. 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.

Q350. 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.

Q351. 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.

Q352. 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.

Q353. The fundamental unit of life is

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

Answer: D

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

Q354. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q355. 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.

Q356. 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.

Q357. The speed of light in vacuum is approximately

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

Answer: A

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

Q358. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q359. 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.

Q360. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q361. 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.

Q362. 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.

Q363. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q364. The planet known as the Red Planet is

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

Answer: D

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

Q365. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q366. 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.

Q367. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q368. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q369. 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.

Q370. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q371. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q372. 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.

Q373. The speed of light in vacuum is approximately

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

Answer: D

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

Q374. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q375. 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.

Q376. 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.

Q377. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q378. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q379. 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.

Q380. 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.

Q381. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q382. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q383. 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.

Q384. The longest river entirely within India is

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

Answer: B

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

Q385. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q386. The Parliament of India consists of

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

Answer: C

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

Q387. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q388. 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.

Q389. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q390. The Parliament of India consists of

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

Answer: B

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

Q391. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q392. 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.

Q393. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q394. 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.

Q395. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q396. The Parliament of India consists of

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

Answer: B

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

Q397. 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.

Q398. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q399. 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.

Q400. 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.

Reasoning & Mental Ability

Q401. 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) 11
- (D) 8.06

Answer: D

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

Q402. 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.

Q403. 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.

Q404. A person walks 3 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q405. A person walks 4 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q406. 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.

Q407. 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.

Q408. 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.

Q409. 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.

Q410. 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 → DPEF.

Q411. A person walks 7 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 9.62
- (B) 7.62
- (C) 10
- (D) 4

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 3^2} = 7.62$ km.

Q412. Find the next number: 2, 7, 12, 17, 22, ?

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

Answer: A

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

Q413. 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.

Q414. 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.

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. Find the next number: 5, 10, 15, 20, 25, ?

- (A) 30
- (B) 40
- (C) 25
- (D) 35

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $25 + 5 = 30$.

Q417. Find the next number: 14, 16, 18, 20, 22, ?

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

Answer: A

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

Q418. Find the next number: 17, 21, 25, 29, 33, ?

- (A) 37
- (B) 45
- (C) 41
- (D) 33

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $33 + 4 = 37$.

Q419. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q420. 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.

Q421. 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.

Q422. 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.

Q423. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

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

Q424. Find the next number: 16, 23, 30, 37, 44, ?

- (A) 58
- (B) 44
- (C) 51
- (D) 65

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $44 + 7 = 51$.

Q425. 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) 12.44
- (C) 13
- (D) 7

Answer: A

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

Q426. A person walks 10 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

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

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

Answer: B

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

Q428. 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.

Q429. A person walks 7 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

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

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

Answer: A

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

Q432. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q433. 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.

Q434. Find the next number: 12, 19, 26, 33, 40, ?

- (A) 40
- (B) 47
- (C) 54
- (D) 61

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $40 + 7 = 47$.

Q435. 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.

Q436. 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.

Q437. Find the next number: 3, 6, 9, 12, 15, ?

- (A) 18
- (B) 24
- (C) 15
- (D) 21

Answer: A

Explanation: The sequence increases by 3 each time, so the next number is $15 + 3 = 18$.

Q438. Find the next number: 6, 15, 24, 33, 42, ?

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

Answer: C

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

Q439. Find the next number: 11, 14, 17, 20, 23, ?

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

Answer: A

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

Q440. Find the next number: 11, 17, 23, 29, 35, ?

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

Answer: A

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

Q441. 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.

Q442. A person walks 4 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q443. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: B

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

Q444. 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.

Q445. 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.

Q446. 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.

Q447. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 0
- (C) 11.9
- (D) 9.9

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 7^2} = 9.9$ km.

Q448. Find the next number: 9, 18, 27, 36, 45, ?

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

Answer: D

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

Q449. Find the next number: 13, 15, 17, 19, 21, ?

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

Answer: A

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

Q450. 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.

Q451. Find the next number: 16, 23, 30, 37, 44, ?

- (A) 51
- (B) 44
- (C) 65
- (D) 58

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $44 + 7 = 51$.

Q452. Find the next number: 18, 20, 22, 24, 26, ?

- (A) 28
- (B) 26
- (C) 30
- (D) 32

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $26 + 2 = 28$.

Q453. 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.

Q454. 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.

Q455. 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 $\rightarrow$ DPEF.

Q456. 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.

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. 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.

Q459. 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.

Q460. A person walks 8 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q461. A person walks 8 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q462. 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 $\rightarrow$ DPEF.

Q463. A person walks 9 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q464. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q465. Find the next number: 8, 12, 16, 20, 24, ?

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

Answer: A

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

Q466. 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.

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

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

Answer: A

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

Q468. 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.

Q469. Find the next number: 17, 19, 21, 23, 25, ?

- (A) 31
- (B) 25
- (C) 27
- (D) 29

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $25 + 2 = 27$.

Q470. 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 $\rightarrow$ NBUI.

Q471. 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.

Q472. Find the next number: 20, 24, 28, 32, 36, ?

- (A) 36
- (B) 40
- (C) 48
- (D) 44

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $36 + 4 = 40$.

Q473. 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.

Q474. A person walks 4 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q475. Find the next number: 11, 20, 29, 38, 47, ?

- (A) 56
- (B) 47
- (C) 74
- (D) 65

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $47 + 9 = 56$.

Q476. Find the next number: 18, 26, 34, 42, 50, ?

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

Answer: C

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

Q477. A person walks 7 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q478. A person walks 10 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q479. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q480. A person walks 8 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q481. 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.

Q482. A person walks 3 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q483. 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.

Q484. 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.

Q485. Find the next number: 10, 18, 26, 34, 42, ?

- (A) 42
- (B) 66
- (C) 58
- (D) 50

Answer: D

Explanation: The sequence increases by 8 each time, so the next number is $42 + 8 = 50$.

Q486. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: D

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

Q487. Find the next number: 6, 15, 24, 33, 42, ?

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

Answer: D

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

Q488. 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.

Q489. 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.

Q490. 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.

Q491. 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.

Q492. Find the next number: 3, 10, 17, 24, 31, ?

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

Answer: C

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

Q493. Find the next number: 7, 15, 23, 31, 39, ?

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

Answer: B

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

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

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

Answer: D

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

Q496. 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.

Q497. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: B

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

Q498. Find the next number: 10, 12, 14, 16, 18, ?

- (A) 20
- (B) 18
- (C) 22
- (D) 24

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $18 + 2 = 20$.

Q499. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

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

Q500. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: A

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

Q501. Find the next number: 17, 24, 31, 38, 45, ?

- (A) 59
- (B) 52
- (C) 66
- (D) 45

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $45 + 7 = 52$.

Q502. Find the next number: 20, 27, 34, 41, 48, ?

- (A) 55
- (B) 62
- (C) 69
- (D) 48

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $48 + 7 = 55$.

Q503. 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.

Q504. A person walks 3 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

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

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

Answer: A

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

Q506. A person walks 5 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q507. A person walks 8 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q508. 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.

Q509. 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.

Q510. A person walks 9 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

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

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

Answer: D

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

Q512. 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.

Q513. Find the next number: 7, 9, 11, 13, 15, ?

- (A) 21
- (B) 15
- (C) 17
- (D) 19

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $15 + 2 = 17$.

Q514. A person walks 7 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q515. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

Explanation: Shift each letter forward by one: CODE -> DPEF.

Q516. 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.

Q517. 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.

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

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

Answer: A

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

Q519. 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.

Q520. Find the next number: 5, 14, 23, 32, 41, ?

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

Answer: A

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

Q521. 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.

Q522. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: B

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

Q523. 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.

Q524. 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.

Q525. Find the next number: 18, 25, 32, 39, 46, ?

- (A) 60
- (B) 46
- (C) 53
- (D) 67

Answer: C

Explanation: The sequence increases by 7 each time, so the next number is $46 + 7 = 53$.

Q526. A person walks 5 km north and then 6 km east. What is the straight-line distance from the starting point?

- (A) 7.81
- (B) 11
- (C) 9.81
- (D) 1

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{5^2 + 6^2} = 7.81$ km.

Q527. A person walks 7 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q528. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: A

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

Q529. 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.

Q530. A person walks 9 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q531. A person walks 10 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q532. 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.

Q533. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

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

Answer: B

Explanation: The wild animals need not be cats.

Q534. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: D

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

Q535. A person walks 7 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q536. 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.

Q537. 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.

Q538. Find the next number: 20, 26, 32, 38, 44, ?

- (A) 62
- (B) 50
- (C) 44
- (D) 56

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $44 + 6 = 50$.

Q539. A person walks 8 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q540. 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.

Q541. 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.

Q542. 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.

Q543. 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.

Q544. 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.

Q545. 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.

Q546. 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.

Q547. 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.

Q548. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: D

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

Q549. 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.

Q550. 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.

Q551. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q552. 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.

Q553. Find the next number: 8, 12, 16, 20, 24, ?

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

Answer: D

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

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

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

Answer: B

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

Q555. Find the next number: 20, 25, 30, 35, 40, ?

- (A) 40
- (B) 55
- (C) 45
- (D) 50

Answer: C

Explanation: The sequence increases by 5 each time, so the next number is $40 + 5 = 45$.

Q556. 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.

Q557. 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.

Q558. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 14
- (B) 0
- (C) 11.9
- (D) 9.9

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 7^2} = 9.9$ km.

Q559. Find the next number: 6, 9, 12, 15, 18, ?

- (A) 24
- (B) 27
- (C) 18
- (D) 21

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $18 + 3 = 21$.

Q560. A person walks 4 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q561. 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.

Q562. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q563. A person walks 8 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q564. A person walks 10 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q565. Find the next number: 6, 8, 10, 12, 14, ?

- (A) 20
- (B) 16
- (C) 18
- (D) 14

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $14 + 2 = 16$.

Q566. 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.

Q567. A person walks 6 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 9.81
- (B) 1
- (C) 11
- (D) 7.81

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 5^2} = 7.81$ km.

Q568. A person walks 8 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q569. A person walks 6 km north and then 5 km east. What is the straight-line distance from the starting point?

- (A) 11
- (B) 1
- (C) 7.81
- (D) 9.81

Answer: C

Explanation: By Pythagoras, distance = $\sqrt{6^2 + 5^2} = 7.81$ km.

Q570. A person walks 7 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q571. A person walks 3 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q572. 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.

Q573. A person walks 6 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q574. 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.

Q575. A person walks 3 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 10
- (B) 7.62
- (C) 9.62
- (D) 4

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 7^2} = 7.62$ km.

Q576. 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.

Q577. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

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

Answer: A

Explanation: This follows directly by transitivity.

Q578. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: C

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

Q579. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: B

Explanation: Shift each letter forward by one: CODE -> DPEF.

Q580. 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.

Q581. Find the next number: 15, 22, 29, 36, 43, ?

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

Answer: B

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

Q582. 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.

Q583. 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.

Q584. 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.

Q585. Find the next number: 16, 19, 22, 25, 28, ?

- (A) 31
- (B) 37
- (C) 34
- (D) 28

Answer: A

Explanation: The sequence increases by 3 each time, so the next number is $28 + 3 = 31$.

Q586. 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.

Q587. Find the next number: 18, 27, 36, 45, 54, ?

- (A) 54
- (B) 72
- (C) 81
- (D) 63

Answer: D

Explanation: The sequence increases by 9 each time, so the next number is $54 + 9 = 63$.

Q588. A person walks 10 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q589. Find the next number: 10, 13, 16, 19, 22, ?

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

Answer: D

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

Q590. 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.

Q591. 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.

Q592. 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.

Q593. 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.

Q594. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: D

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

Q595. Find the next number: 6, 11, 16, 21, 26, ?

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

Answer: A

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

Q596. 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 $\rightarrow$ CBOL.

Q597. Find the next number: 11, 14, 17, 20, 23, ?

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

Answer: D

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

Q598. 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.

Q599. 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 $\rightarrow$ DBU.

Q600. A person walks 10 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q601. Find the next number: 14, 18, 22, 26, 30, ?

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

Answer: D

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

Q602. A person walks 7 km north and then 3 km east. What is the straight-line distance from the starting point?

- (A) 9.62
- (B) 4
- (C) 10
- (D) 7.62

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 3^2} = 7.62$ km.

Q603. A person walks 9 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q604. 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.

Q605. 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.

Q606. 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.

Q607. Find the next number: 20, 26, 32, 38, 44, ?

- (A) 56
- (B) 50
- (C) 62
- (D) 44

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $44 + 6 = 50$.

Q608. Find the next number: 9, 15, 21, 27, 33, ?

- (A) 33
- (B) 51
- (C) 45
- (D) 39

Answer: D

Explanation: The sequence increases by 6 each time, so the next number is $33 + 6 = 39$.

Q609. 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 $\rightarrow$ CBOL.

Q610. 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 $\rightarrow$ DBU.

Q611. 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.

Q612. A person walks 9 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q613. 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.

Q614. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: C

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

Q615. A person walks 10 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q616. Find the next number: 8, 10, 12, 14, 16, ?

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

Answer: D

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

Q617. Find the next number: 17, 24, 31, 38, 45, ?

- (A) 52
- (B) 45
- (C) 66
- (D) 59

Answer: A

Explanation: The sequence increases by 7 each time, so the next number is $45 + 7 = 52$.

Q618. Find the next number: 15, 21, 27, 33, 39, ?

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

Answer: C

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

Q619. 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.

Q620. 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.

Q621. A person walks 4 km north and then 4 km east. What is the straight-line distance from the starting point?

- (A) 5.66
- (B) 8
- (C) 0
- (D) 7.66

Answer: A

Explanation: By Pythagoras, distance = $\sqrt{4^2 + 4^2} = 5.66$ km.

Q622. Find the next number: 3, 11, 19, 27, 35, ?

- (A) 43
- (B) 59
- (C) 51
- (D) 35

Answer: A

Explanation: The sequence increases by 8 each time, so the next number is $35 + 8 = 43$.

Q623. A person walks 6 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q624. 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.

Q625. Find the next number: 11, 18, 25, 32, 39, ?

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

Answer: C

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

Q626. Find the next number: 2, 6, 10, 14, 18, ?

- (A) 26
- (B) 18
- (C) 30
- (D) 22

Answer: D

Explanation: The sequence increases by 4 each time, so the next number is $18 + 4 = 22$.

Q627. 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.

Q628. 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.

Q629. A person walks 3 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q630. Find the next number: 7, 12, 17, 22, 27, ?

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

Answer: A

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

Q631. Find the next number: 13, 22, 31, 40, 49, ?

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

Answer: B

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

Q632. 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.

Q633. 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.

Q634. 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.

Q635. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: C

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

Q636. A person walks 10 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q637. A person walks 3 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 10
- (B) 4
- (C) 9.62
- (D) 7.62

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{3^2 + 7^2} = 7.62$ km.

Q638. 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 → SBJM.

Q639. A person walks 9 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q640. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: C

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

Q641. Find the next number: 3, 9, 15, 21, 27, ?

- (A) 39
- (B) 33
- (C) 45
- (D) 27

Answer: B

Explanation: The sequence increases by 6 each time, so the next number is $27 + 6 = 33$.

Q642. Find the next number: 8, 10, 12, 14, 16, ?

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

Answer: C

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

Q643. Find the next number: 4, 9, 14, 19, 24, ?

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

Answer: A

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

Q644. Find the next number: 11, 16, 21, 26, 31, ?

- (A) 36
- (B) 31
- (C) 46
- (D) 41

Answer: A

Explanation: The sequence increases by 5 each time, so the next number is $31 + 5 = 36$.

Q645. 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.

Q646. 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.

Q647. 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.

Q648. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: B

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

Q649. 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.

Q650. 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.

Q651. Find the next number: 16, 20, 24, 28, 32, ?

- (A) 36
- (B) 44
- (C) 40
- (D) 32

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $32 + 4 = 36$.

Q652. 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.

Q653. Choose the odd one out.

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

Answer: D

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

Q654. 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.

Q655. 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.

Q656. A person walks 10 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q657. 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.

Q658. 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) 12
- (C) 11.49
- (D) 6

Answer: A

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

Q659. 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.

Q660. 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.

Q661. 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) 12
- (C) 8.6
- (D) 2

Answer: C

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

Q662. 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.

Q663. Choose the odd one out.

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

Answer: D

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

Q664. Find the next number: 8, 10, 12, 14, 16, ?

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

Answer: A

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

Q665. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

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

Answer: A

Explanation: This follows directly by transitivity.

Q666. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

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

Answer: C

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

Q667. Find the next number: 4, 8, 12, 16, 20, ?

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

Answer: B

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

Q668. 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.

Q669. 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.

Q670. Find the next number: 18, 21, 24, 27, 30, ?

- (A) 39
- (B) 33
- (C) 30
- (D) 36

Answer: B

Explanation: The sequence increases by 3 each time, so the next number is $30 + 3 = 33$.

Q671. Find the next number: 17, 20, 23, 26, 29, ?

- (A) 35
- (B) 29
- (C) 32
- (D) 38

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $29 + 3 = 32$.

Q672. Find the next number: 3, 7, 11, 15, 19, ?

- (A) 27
- (B) 31
- (C) 19
- (D) 23

Answer: D

Explanation: The sequence increases by 4 each time, so the next number is $19 + 4 = 23$.

Q673. Find the next number: 19, 21, 23, 25, 27, ?

- (A) 27
- (B) 33
- (C) 29
- (D) 31

Answer: C

Explanation: The sequence increases by 2 each time, so the next number is $27 + 2 = 29$.

Q674. 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.

Q675. Find the next number: 8, 17, 26, 35, 44, ?

- (A) 44
- (B) 71
- (C) 53
- (D) 62

Answer: C

Explanation: The sequence increases by 9 each time, so the next number is $44 + 9 = 53$.

Q676. A person walks 3 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q677. 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.

Q678. Find the next number: 6, 10, 14, 18, 22, ?

- (A) 26
- (B) 30
- (C) 34
- (D) 22

Answer: A

Explanation: The sequence increases by 4 each time, so the next number is $22 + 4 = 26$.

Q679. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: C

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

Q680. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

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

Q681. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

- (A) 11.9
- (B) 0
- (C) 14
- (D) 9.9

Answer: D

Explanation: By Pythagoras, distance = $\sqrt{7^2 + 7^2} = 9.9$ km.

Q682. 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.

Q683. Find the next number: 6, 12, 18, 24, 30, ?

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

Answer: B

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

Q684. 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.

Q685. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q686. 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.

Q687. 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.

Q688. 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.

Q689. Find the next number: 17, 25, 33, 41, 49, ?

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

Answer: B

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

Q690. 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.

Q691. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: D

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

Q692. 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.

Q693. 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.

Q694. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: A

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

Q695. Find the next number: 20, 25, 30, 35, 40, ?

- (A) 50
- (B) 55
- (C) 40
- (D) 45

Answer: D

Explanation: The sequence increases by 5 each time, so the next number is $40 + 5 = 45$.

Q696. Find the next number: 19, 24, 29, 34, 39, ?

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

Answer: B

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

Q697. 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.

Q698. Find the next number: 11, 13, 15, 17, 19, ?

- (A) 25
- (B) 23
- (C) 19
- (D) 21

Answer: D

Explanation: The sequence increases by 2 each time, so the next number is $19 + 2 = 21$.

Q699. A person walks 5 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q700. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Quantitative Aptitude

Q701. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

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

Answer: C

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

Q702. 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.

Q703. What is 10% of 240?

- (A) 12.0
- (B) 36.0
- (C) 48.0
- (D) 24

Answer: D

Explanation: 10% of 240 = $(10/100) \times 240 = 24$.

Q704. What is 30% of 750?

- (A) 262.5
- (B) 300.0
- (C) 187.5
- (D) 225

Answer: D

Explanation: 30% of 750 = $(30/100) \times 750 = 225$.

Q705. What is 60% of 400?

- (A) 280.0
- (B) 220.0
- (C) 240
- (D) 260.0

Answer: C

Explanation: 60% of 400 = $(60/100) \times 400 = 240$.

Q706. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 108
- (B) 18
- (C) 45
- (D) 63

Answer: C

Explanation: Total parts = 12. One part = $108/12 = 9$; first quantity = $5 \times 9 = 45$.

Q707. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q708. Two quantities are in the ratio 7:9. If their total is 112, what is the first quantity?

- (A) 112
- (B) 63
- (C) 49
- (D) 14

Answer: C

Explanation: Total parts = 16. One part = $112/16 = 7$; first quantity = $7 \times 7 = 49$.

Q709. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

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

Answer: C

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

Q710. Find the average of 65, 11, 41, 10, 18.

- (A) 36.2
- (B) 29
- (C) 31
- (D) 27

Answer: B

Explanation: Average = sum / count = $145/5 = 29$.

Q711. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

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

Answer: C

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

Q712. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 14
- (B) 8.57
- (C) 4.62
- (D) 13.0

Answer: C

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q713. What is 25% of 180?

- (A) 54.0
- (B) 45
- (C) 63.0
- (D) 36.0

Answer: B

Explanation: 25% of 180 = $(25/100) \times 180 = 45$.

Q714. Two quantities are in the ratio 4:5. If their total is 81, what is the first quantity?

- (A) 45
- (B) 9
- (C) 81
- (D) 36

Answer: D

Explanation: Total parts = 9. One part = $81/9 = 9$; first quantity = $4 \times 9 = 36$.

Q715. Two quantities are in the ratio 3:5. If their total is 96, what is the first quantity?

- (A) 36
- (B) 96
- (C) 60
- (D) 24

Answer: A

Explanation: Total parts = 8. One part = $96/8 = 12$; first quantity = $3 \times 12 = 36$.

Q716. Two quantities are in the ratio 2:3. If their total is 30, what is the first quantity?

- (A) 30
- (B) 18
- (C) 12
- (D) 6

Answer: C

Explanation: Total parts = 5. One part = $30/5 = 6$; first quantity = $2 \times 6 = 12$.

Q717. Find the average of 26, 64, 21, 77, 67.

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

Answer: B

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

Q718. 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 x time = $54 \times 3 = 162$ km.

Q719. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

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

Answer: B

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

Q720. What is 35% of 450?

- (A) 180.0
- (B) 135.0
- (C) 202.5
- (D) 157.5

Answer: D

Explanation: 35% of 450 = $(35/100) \times 450 = 157.5$.

Q721. A can finish a work in 18 days and B in 18 days. In how many days can they finish it together?

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

Answer: C

Explanation: Combined rate = $\frac{1}{18} + \frac{1}{18} = \frac{36}{324}$; time = $\frac{324}{36} = 9.0$ days.

Q722. Find the average of 44, 80, 17, 71, 52.

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

Answer: D

Explanation: Average = sum / count = $\frac{264}{5} = 52.8$.

Q723. What is 50% of 600?

- (A) 270.0
- (B) 360.0
- (C) 300
- (D) 330.0

Answer: C

Explanation: 50% of 600 = $\frac{50}{100} \times 600 = 300$.

Q724. Find the simple interest on Rs. 1500 at 5% per annum for 3 years.

- (A) 375
- (B) 75
- (C) 225
- (D) 144

Answer: C

Explanation: SI = $\frac{PRT}{100} = \frac{1500 \times 5 \times 3}{100} = \text{Rs. } 225$.

Q725. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 300
- (B) 518
- (C) 450
- (D) 150

Answer: A

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

Q726. Find the average of 69, 13, 16, 29, 33.

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

Answer: D

Explanation: Average = sum / count = $\frac{160}{5} = 32$.

Q727. A vehicle travels at 72 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

Explanation: Distance = speed x time = $72 \times 3.5 = 252$ km.

Q728. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

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

Answer: C

Explanation: Combined rate = $1/18 + 1/30 = (48)/540$; time = $540/48 = 11.25$ days.

Q729. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q730. Find the simple interest on Rs. 1500 at 6% per annum for 4 years.

- (A) 360
- (B) 510
- (C) 210
- (D) 90

Answer: A

Explanation: SI = $PRT/100 = 1500 \times 6 \times 4/100 = \text{Rs. } 360$.

Q731. A can finish a work in 10 days and B in 18 days. In how many days can they finish it together?

- (A) 22.5
- (B) 6.43
- (C) 8
- (D) 14.0

Answer: B

Explanation: Combined rate = $1/10 + 1/18 = (28)/180$; time = $180/28 = 6.43$ days.

Q732. Two quantities are in the ratio 5:7. If their total is 168, what is the first quantity?

- (A) 70
- (B) 98
- (C) 28
- (D) 168

Answer: A

Explanation: Total parts = 12. One part = $168/12 = 14$; first quantity = $5 \times 14 = 70$.

Q733. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

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

Answer: D

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

Q734. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 56
- (B) 108
- (C) 27.0
- (D) 135.0

Answer: B

Explanation: Distance = speed x time = $54 \times 2 = 108$ km.

Q735. Find the average of 63, 33, 41, 59, 21.

- (A) 54.2
- (B) 41.4
- (C) 43.4
- (D) 45.4

Answer: C

Explanation: Average = sum / count = $217/5 = 43.4$.

Q736. Find the simple interest on Rs. 2000 at 6% per annum for 3 years.

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

Answer: B

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

Q737. A can finish a work in 6 days and B in 30 days. In how many days can they finish it together?

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

Answer: B

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

Q738. Find the average of 76, 53, 33, 59, 28.

- (A) 49.8
- (B) 62.2
- (C) 51.8
- (D) 47.8

Answer: A

Explanation: Average = sum / count = $249/5 = 49.8$.

Q739. What is 12.5% of 500?

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

Answer: B

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

Q740. Find the simple interest on Rs. 1200 at 10% per annum for 2 years.

- (A) 360
- (B) 816
- (C) 240
- (D) 120

Answer: C

Explanation: $SI = PRT/100 = 1200 \times 10 \times 2/100 = \text{Rs. } 240$.

Q741. What is 15% of 320?

- (A) 64.0
- (B) 80.0
- (C) 32.0
- (D) 48

Answer: D

Explanation: $15\% \text{ of } 320 = (15/100) \times 320 = 48$.

Q742. What is 5% of 500?

- (A) 50.0
- (B) 75.0
- (C) 0
- (D) 25

Answer: D

Explanation: $5\% \text{ of } 500 = (5/100) \times 500 = 25$.

Q743. Find the average of 12, 67, 21, 18, 57.

- (A) 35
- (B) 37
- (C) 43.8
- (D) 33

Answer: A

Explanation: $\text{Average} = \text{sum} / \text{count} = 175/5 = 35$.

Q744. Find the average of 11, 61, 45, 75, 14.

- (A) 41.2
- (B) 43.2
- (C) 39.2
- (D) 51.5

Answer: A

Explanation: $\text{Average} = \text{sum} / \text{count} = 206/5 = 41.2$.

Q745. An item costs Rs. 250. At a profit of 30%, what is the selling price?

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

Answer: A

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

Q746. 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) 21.0
- (C) 6
- (D) 10.29

Answer: D

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

Q747. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q748. A can finish a work in 6 days and B in 24 days. In how many days can they finish it together?

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

Answer: D

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

Q749. 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 = $1/8 + 1/12 = (20)/96$; time = $96/20 = 4.8$ days.

Q750. 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) 8
- (C) 7.5
- (D) 16.0

Answer: C

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

Q751. An item costs Rs. 300. At a profit of 25%, what is the selling price?

- (A) 225.0
- (B) 325
- (C) 350
- (D) 375

Answer: D

Explanation: Selling price = $300 \times (1 + 25/100) = \text{Rs. } 375$.

Q752. What is 30% of 360?

- (A) 108
- (B) 90.0
- (C) 144.0
- (D) 126.0

Answer: A

Explanation: $30\% \text{ of } 360 = (30/100) \times 360 = 108$.

Q753. 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 = $5 \times 18 = 90$.

Q754. Find the average of 79, 55, 48, 41, 16.

- (A) 49.8
- (B) 59.8
- (C) 47.8
- (D) 45.8

Answer: C

Explanation: Average = sum / count = $239/5 = 47.8$.

Q755. Find the average of 61, 72, 12, 44, 67.

- (A) 49.2
- (B) 51.2
- (C) 64.0
- (D) 53.2

Answer: B

Explanation: Average = sum / count = $256/5 = 51.2$.

Q756. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

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

Answer: B

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

Q757. A vehicle travels at 60 km/h for 3 hours. What distance does it cover?

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

Answer: A

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

Q758. An item costs Rs. 240. At a profit of 25%, what is the selling price?

- (A) 180.0
- (B) 300
- (C) 265
- (D) 290

Answer: B

Explanation: Selling price = $240 \times (1 + 25/100) = \text{Rs. } 300$.

Q759. Find the average of 38, 74, 54, 60, 54.

- (A) 54
- (B) 70.0
- (C) 56
- (D) 58

Answer: C

Explanation: Average = sum / count = $280/5 = 56$.

Q760. Find the simple interest on Rs. 4000 at 6% per annum for 2 years.

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

Answer: C

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

Q761. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

Explanation: Combined rate = $1/18 + 1/30 = (48)/540$; time = $540/48 = 11.25$ days.

Q762. Find the simple interest on Rs. 5000 at 6% per annum for 2 years.

- (A) 600
- (B) 100
- (C) 1100
- (D) 300

Answer: A

Explanation: $SI = \frac{PRT}{100} = 5000 \times 6 \times 2/100 = \text{Rs. } 600$.

Q763. Two quantities are in the ratio 3:4. If their total is 77, what is the first quantity?

- (A) 44
- (B) 33
- (C) 11
- (D) 77

Answer: B

Explanation: Total parts = 7. One part = $77/7 = 11$; first quantity = $3 \times 11 = 33$.

Q764. A can finish a work in 20 days and B in 12 days. In how many days can they finish it together?

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

Answer: A

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

Q765. What is 12.5% of 360?

- (A) 81.0
- (B) 27.0
- (C) 63.0
- (D) 45

Answer: D

Explanation: 12.5% of 360 = $(12.5/100) \times 360 = 45$.

Q766. An item costs Rs. 750. At a profit of 30%, what is the selling price?

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

Answer: B

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

Q767. An item costs Rs. 500. At a profit of 12%, what is the selling price?

- (A) 512
- (B) 524
- (C) 560
- (D) 440.0

Answer: C

Explanation: Selling price = $500 \times (1 + 12/100) = \text{Rs. } 560$.

Q768. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q769. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 52
- (B) 100
- (C) 25.0
- (D) 125.0

Answer: B

Explanation: Distance = speed x time = $50 \times 2 = 100$ km.

Q770. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 90.0
- (B) 18.0
- (C) 38
- (D) 72

Answer: D

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q771. Two quantities are in the ratio 5:7. If their total is 72, what is the first quantity?

- (A) 30
- (B) 42
- (C) 12
- (D) 72

Answer: A

Explanation: Total parts = 12. One part = $72/12 = 6$; first quantity = $5 \times 6 = 30$.

Q772. Find the average of 28, 20, 50, 35, 35.

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

Answer: A

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

Q773. Find the simple interest on Rs. 3000 at 10% per annum for 4 years.

- (A) 1500
- (B) 1200
- (C) 300
- (D) 900

Answer: B

Explanation: SI = $PRT/100 = 3000 \times 10 \times 4/100 = \text{Rs. } 1200$.

Q774. Find the average of 28, 17, 46, 37, 43.

- (A) 42.8
- (B) 36.2
- (C) 34.2
- (D) 32.2

Answer: C

Explanation: Average = sum / count = $171/5 = 34.2$.

Q775. Find the average of 66, 36, 76, 75, 14.

- (A) 51.4
- (B) 53.4
- (C) 66.8
- (D) 55.4

Answer: B

Explanation: Average = sum / count = $267/5 = 53.4$.

Q776. An item costs Rs. 400. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q777. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

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

Answer: C

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

Q778. An item costs Rs. 320. At a profit of 20%, what is the selling price?

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

Answer: D

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

Q779. Two quantities are in the ratio 4:5. If their total is 81, what is the first quantity?

- (A) 9
- (B) 36
- (C) 81
- (D) 45

Answer: B

Explanation: Total parts = 9. One part = $81/9 = 9$; first quantity = $4 \times 9 = 36$.

Q780. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

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

Answer: A

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

Q781. An item costs Rs. 600. At a profit of 30%, what is the selling price?

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

Answer: D

Explanation: Selling price = $600 \times (1 + 30/100) = \text{Rs. } 780$.

Q782. 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) 10.29
- (C) 21.0
- (D) 72.0

Answer: B

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

Q783. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 4.62
- (B) 8.57
- (C) 14
- (D) 13.0

Answer: A

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q784. What is 10% of 150?

- (A) 7.5
- (B) 15
- (C) 30.0
- (D) 22.5

Answer: B

Explanation: 10% of 150 = $(10/100) \times 150 = 15$.

Q785. Two quantities are in the ratio 7:9. If their total is 192, what is the first quantity?

- (A) 192
- (B) 24
- (C) 84
- (D) 108

Answer: C

Explanation: Total parts = 16. One part = $192/16 = 12$; first quantity = $7 \times 12 = 84$.

Q786. A can finish a work in 12 days and B in 12 days. In how many days can they finish it together?

- (A) 0
- (B) 12.0
- (C) 144.0
- (D) 6.0

Answer: D

Explanation: Combined rate = $1/12 + 1/12 = (24)/144$; time = $144/24 = 6.0$ days.

Q787. Find the average of 65, 35, 80, 19, 16.

- (A) 41
- (B) 53.8
- (C) 43
- (D) 45

Answer: C

Explanation: Average = sum / count = $215/5 = 43$.

Q788. What is 25% of 360?

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

Answer: C

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

Q789. What is 12.5% of 160?

- (A) 28.0
- (B) 36.0
- (C) 20
- (D) 12.0

Answer: C

Explanation: 12.5% of 160 = $(12.5/100) \times 160 = 20$.

Q790. Find the average of 73, 18, 74, 13, 30.

- (A) 43.6
- (B) 52.0
- (C) 41.6
- (D) 39.6

Answer: C

Explanation: Average = sum / count = $208/5 = 41.6$.

Q791. Find the simple interest on Rs. 5000 at 10% per annum for 4 years.

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

Answer: B

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

Q792. Two quantities are in the ratio 7:9. If their total is 192, what is the first quantity?

- (A) 84
- (B) 24
- (C) 192
- (D) 108

Answer: A

Explanation: Total parts = 16. One part = $192/16 = 12$; first quantity = $7 \times 12 = 84$.

Q793. A vehicle travels at 72 km/h for 2 hours. What distance does it cover?

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

Answer: D

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

Q794. An item costs Rs. 200. At a profit of 30%, what is the selling price?

- (A) 533
- (B) 260
- (C) 140.0
- (D) 230

Answer: B

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

Q795. Find the simple interest on Rs. 1500 at 5% per annum for 2 years.

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

Answer: B

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

Q796. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

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

Answer: D

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

Q797. Two quantities are in the ratio 3:5. If their total is 96, what is the first quantity?

- (A) 36
- (B) 24
- (C) 60
- (D) 96

Answer: A

Explanation: Total parts = 8. One part = $96/8 = 12$; first quantity = $3 \times 12 = 36$.

Q798. A vehicle travels at 30 km/h for 3 hours. What distance does it cover?

- (A) 90
- (B) 105.0
- (C) 10.0
- (D) 33

Answer: A

Explanation: Distance = speed x time = $30 \times 3 = 90$ km.

Q799. What is 35% of 150?

- (A) 67.5
- (B) 60.0
- (C) 52.5
- (D) 45.0

Answer: C

Explanation: $35\% \text{ of } 150 = (35/100) \times 150 = 52.5$.

Q800. A can finish a work in 10 days and B in 20 days. In how many days can they finish it together?

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

Answer: A

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

Q801. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 68
- (B) 51
- (C) 17
- (D) 119

Answer: B

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51$.

Q802. Find the average of 28, 80, 12, 68, 64.

- (A) 50.4
- (B) 52.4
- (C) 63.0
- (D) 48.4

Answer: A

Explanation: Average = sum / count = $252/5 = 50.4$.

Q803. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 135.0
- (B) 18.0
- (C) 112.5
- (D) 47.5

Answer: C

Explanation: Distance = speed x time = $45 \times 2.5 = 112.5$ km.

Q804. A vehicle travels at 36 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q805. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 450
- (B) 150
- (C) 300
- (D) 739

Answer: C

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

Q806. An item costs Rs. 300. At a profit of 25%, what is the selling price?

- (A) 350
- (B) 375
- (C) 325
- (D) 225.0

Answer: B

Explanation: Selling price = $300 \times (1 + 25/100) = \text{Rs. } 375.$

Q807. What is 60% of 250?

- (A) 175.0
- (B) 137.5
- (C) 162.5
- (D) 150

Answer: D

Explanation: 60% of 250 = $(60/100) \times 250 = 150.$

Q808. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q809. 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) 16.0
- (C) 30.0
- (D) 7.5

Answer: D

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

Q810. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q811. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q812. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q813. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

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

Answer: C

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

Q814. What is 25% of 180?

- (A) 36.0
- (B) 54.0
- (C) 63.0
- (D) 45

Answer: D

Explanation: 25% of 180 = $(25/100) \times 180 = 45$.

Q815. 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) 9.47
- (C) 180.0
- (D) 19.0

Answer: B

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

Q816. Find the simple interest on Rs. 2000 at 5% per annum for 2 years.

- (A) 400
- (B) 200
- (C) 1
- (D) 100

Answer: B

Explanation: SI = $PRT/100 = 2000 \times 5 \times 2/100 = \text{Rs. } 200$.

Q817. What is 20% of 800?

- (A) 240.0
- (B) 200.0
- (C) 120.0
- (D) 160

Answer: D

Explanation: $20\% \text{ of } 800 = (20/100) \times 800 = 160.$

Q818. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q819. An item costs Rs. 300. At a profit of 25%, what is the selling price?

- (A) 325
- (B) 350
- (C) 375
- (D) 225.0

Answer: C

Explanation: Selling price = $300 \times (1 + 25/100) = \text{Rs. } 375.$

Q820. Two quantities are in the ratio 4:5. If their total is 99, what is the first quantity?

- (A) 99
- (B) 44
- (C) 11
- (D) 55

Answer: B

Explanation: Total parts = 9. One part = $99/9 = 11$; first quantity = $4 \times 11 = 44.$

Q821. Find the simple interest on Rs. 3000 at 12% per annum for 4 years.

- (A) 1440
- (B) 1740
- (C) 1140
- (D) 360

Answer: A

Explanation: $SI = PRT/100 = 3000 \times 12 \times 4/100 = \text{Rs. } 1440.$

Q822. What is 75% of 320?

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

Answer: C

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

Q823. What is 50% of 750?

- (A) 337.5
- (B) 450.0
- (C) 412.5
- (D) 375

Answer: D

Explanation: $50\% \text{ of } 750 = (50/100) \times 750 = 375$.

Q824. An item costs Rs. 250. At a profit of 25%, what is the selling price?

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

Answer: A

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

Q825. Two quantities are in the ratio 3:5. If their total is 48, what is the first quantity?

- (A) 18
- (B) 30
- (C) 12
- (D) 48

Answer: A

Explanation: Total parts = 8. One part = $48/8 = 6$; first quantity = $3 \times 6 = 18$.

Q826. 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) 21.0
- (C) 6
- (D) 10.29

Answer: D

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

Q827. Find the simple interest on Rs. 1500 at 5% per annum for 4 years.

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

Answer: D

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

Q828. What is 40% of 600?

- (A) 300.0
- (B) 270.0
- (C) 240
- (D) 210.0

Answer: C

Explanation: $40\% \text{ of } 600 = (40/100) \times 600 = 240$.

Q829. A can finish a work in 15 days and B in 12 days. In how many days can they finish it together?

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

Answer: A

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

Q830. What is 60% of 500?

- (A) 325.0
- (B) 300
- (C) 275.0
- (D) 350.0

Answer: B

Explanation: 60% of 500 = $(60/100) \times 500 = 300$.

Q831. Two quantities are in the ratio 7:9. If their total is 192, what is the first quantity?

- (A) 108
- (B) 192
- (C) 84
- (D) 24

Answer: C

Explanation: Total parts = 16. One part = $192/16 = 12$; first quantity = $7 \times 12 = 84$.

Q832. 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 = $5 \times 11 = 55$.

Q833. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

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

Answer: A

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

Q834. An item costs Rs. 250. At a profit of 12%, what is the selling price?

- (A) 274
- (B) 262
- (C) 220.0
- (D) 280

Answer: D

Explanation: Selling price = $250 \times (1 + 12/100) = \text{Rs. } 280$.

Q835. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 19.5
- (B) 40.0
- (C) 9
- (D) 9.23

Answer: D

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

Q836. 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) 18.0
- (C) 24
- (D) 5.0

Answer: D

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

Q837. Find the simple interest on Rs. 3000 at 6% per annum for 2 years.

- (A) 180
- (B) 660
- (C) 360
- (D) 60

Answer: C

Explanation: $SI = PRT/100 = 3000 \times 6 \times 2/100 = \text{Rs. } 360$.

Q838. An item costs Rs. 250. At a profit of 10%, what is the selling price?

- (A) 275
- (B) 260
- (C) 270
- (D) 225.0

Answer: A

Explanation: Selling price = $250 \times (1 + 10/100) = \text{Rs. } 275$.

Q839. Find the average of 12, 79, 48, 44, 78.

- (A) 50.2
- (B) 65.2
- (C) 52.2
- (D) 54.2

Answer: C

Explanation: Average = sum / count = $261/5 = 52.2$.

Q840. A can finish a work in 12 days and B in 18 days. In how many days can they finish it together?

- (A) 36.0
- (B) 15.0
- (C) 7.2
- (D) 6

Answer: C

Explanation: Combined rate = $1/12 + 1/18 = (30)/216$; time = $216/30 = 7.2$ days.

Q841. Find the average of 31, 74, 39, 42, 75.

- (A) 65.2
- (B) 50.2
- (C) 52.2
- (D) 54.2

Answer: C

Explanation: Average = sum / count = $261/5 = 52.2$.

Q842. Find the average of 76, 18, 47, 39, 56.

- (A) 59.0
- (B) 47.2
- (C) 49.2
- (D) 45.2

Answer: B

Explanation: Average = sum / count = $236/5 = 47.2$.

Q843. What is 15% of 250?

- (A) 37.5
- (B) 50.0
- (C) 25.0
- (D) 62.5

Answer: A

Explanation: 15% of 250 = $(15/100) \times 250 = 37.5$.

Q844. An item costs Rs. 240. At a profit of 10%, what is the selling price?

- (A) 250
- (B) 264
- (C) 260
- (D) 216.0

Answer: B

Explanation: Selling price = $240 \times (1 + 10/100) = \text{Rs. } 264$.

Q845. Two quantities are in the ratio 3:5. If their total is 128, what is the first quantity?

- (A) 80
- (B) 128
- (C) 32
- (D) 48

Answer: D

Explanation: Total parts = 8. One part = $128/8 = 16$; first quantity = $3 \times 16 = 48$.

Q846. A vehicle travels at 40 km/h for 2 hours. What distance does it cover?

- (A) 20.0
- (B) 42
- (C) 100.0
- (D) 80

Answer: D

Explanation: Distance = speed $\times$ time = $40 \times 2 = 80$ km.

Q847. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q848. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

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

Q849. What is 25% of 180?

- (A) 63.0
- (B) 54.0
- (C) 36.0
- (D) 45

Answer: D

Explanation: 25% of 180 = $(25/100) \times 180 = 45$.

Q850. Find the average of 61, 58, 57, 34, 13.

- (A) 55.8
- (B) 44.6
- (C) 46.6
- (D) 42.6

Answer: B

Explanation: Average = sum / count = $223/5 = 44.6$.

Q851. What is 60% of 750?

- (A) 487.5
- (B) 525.0
- (C) 412.5
- (D) 450

Answer: D

Explanation: 60% of 750 = $(60/100) \times 750 = 450$.

Q852. Find the average of 27, 68, 56, 73, 31.

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

Answer: A

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

Q853. Find the average of 40, 18, 21, 27, 26.

- (A) 24.4
- (B) 33.0
- (C) 28.4
- (D) 26.4

Answer: D

Explanation: Average = sum / count = $132/5 = 26.4$.

Q854. What is 12.5% of 180?

- (A) 13.5
- (B) 31.5
- (C) 40.5
- (D) 22.5

Answer: D

Explanation: 12.5% of 180 = $(12.5/100) \times 180 = 22.5$.

Q855. An item costs Rs. 600. At a profit of 20%, what is the selling price?

- (A) 640
- (B) 620
- (C) 480.0
- (D) 720

Answer: D

Explanation: Selling price = $600 \times (1 + 20/100) = \text{Rs. } 720$.

Q856. A can finish a work in 8 days and B in 15 days. In how many days can they finish it together?

- (A) 17.14
- (B) 5.22
- (C) 7
- (D) 11.5

Answer: B

Explanation: Combined rate = $1/8 + 1/15 = (23)/120$; time = $120/23 = 5.22$ days.

Q857. Two quantities are in the ratio 2:3. If their total is 80, what is the first quantity?

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

Answer: D

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

Q858. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 9.23
- (B) 9
- (C) 40.0
- (D) 19.5

Answer: A

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

Q859. An item costs Rs. 750. At a profit of 30%, what is the selling price?

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

Answer: B

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

Q860. A can finish a work in 10 days and B in 15 days. In how many days can they finish it together?

- (A) 12.5
- (B) 30.0
- (C) 6.0
- (D) 5

Answer: C

Explanation: Combined rate = $1/10 + 1/15 = (25)/150$; time = $150/25 = 6.0$ days.

Q861. An item costs Rs. 600. At a profit of 10%, what is the selling price?

- (A) 620
- (B) 610
- (C) 540.0
- (D) 660

Answer: D

Explanation: Selling price = $600 \times (1 + 10/100) = \text{Rs. } 660$.

Q862. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

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

Answer: D

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

Q863. Find the simple interest on Rs. 1200 at 6% per annum for 3 years.

- (A) 96
- (B) 336
- (C) 72
- (D) 216

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 6 \times 3/100 = \text{Rs. } 216$.

Q864. What is 40% of 250?

- (A) 87.5
- (B) 125.0
- (C) 100
- (D) 112.5

Answer: C

Explanation: 40% of 250 = $(40/100) \times 250 = 100$.

Q865. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 612
- (B) 624
- (C) 528.0
- (D) 672

Answer: D

Explanation: Selling price = $600 \times (1 + 12/100) = \text{Rs. } 672.$

Q866. Find the average of 15, 73, 56, 19, 45.

- (A) 52.0
- (B) 41.6
- (C) 39.6
- (D) 43.6

Answer: B

Explanation: Average = sum / count = $208/5 = 41.6.$

Q867. Two quantities are in the ratio 4:5. If their total is 144, what is the first quantity?

- (A) 144
- (B) 80
- (C) 64
- (D) 16

Answer: C

Explanation: Total parts = 9. One part = $144/9 = 16$; first quantity = $4 \times 16 = 64.$

Q868. Find the simple interest on Rs. 3000 at 8% per annum for 2 years.

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

Answer: A

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

Q869. Find the simple interest on Rs. 1500 at 6% per annum for 3 years.

- (A) 420
- (B) 270
- (C) 120
- (D) 90

Answer: B

Explanation: $SI = \frac{PRT}{100} = 1500 \times 6 \times 3/100 = \text{Rs. } 270.$

Q870. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

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

Answer: B

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

Q871. An item costs Rs. 400. At a profit of 30%, what is the selling price?

- (A) 520
- (B) 430
- (C) 280.0
- (D) 460

Answer: A

Explanation: Selling price = $400 \times (1 + 30/100) = \text{Rs. } 520$.

Q872. Two quantities are in the ratio 3:4. If their total is 98, what is the first quantity?

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

Answer: C

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

Q873. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

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

Answer: D

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

Q874. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 108.0
- (B) 90
- (C) 14.4
- (D) 38.5

Answer: B

Explanation: Distance = speed $\times$ time = $36 \times 2.5 = 90$ km.

Q875. Find the simple interest on Rs. 5000 at 10% per annum for 3 years.

- (A) 1000
- (B) 1500
- (C) 500
- (D) 2000

Answer: B

Explanation: $SI = PRT/100 = 5000 \times 10 \times 3/100 = \text{Rs. } 1500$.

Q876. Find the simple interest on Rs. 3000 at 12% per annum for 3 years.

- (A) 360
- (B) 780
- (C) 1380
- (D) 1080

Answer: D

Explanation: $SI = PRT/100 = 3000 \times 12 \times 3/100 = \text{Rs. } 1080$.

Q877. Find the simple interest on Rs. 1000 at 6% per annum for 3 years.

- (A) 280
- (B) 60
- (C) 180
- (D) 80

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 6 \times 3}{100} = \text{Rs. } 180.$

Q878. What is 20% of 200?

- (A) 30.0
- (B) 50.0
- (C) 40
- (D) 60.0

Answer: C

Explanation: $20\% \text{ of } 200 = \frac{20}{100} \times 200 = 40.$

Q879. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 51
- (B) 68
- (C) 17
- (D) 119

Answer: A

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51.$

Q880. Two quantities are in the ratio 2:3. If their total is 75, what is the first quantity?

- (A) 30
- (B) 15
- (C) 75
- (D) 45

Answer: A

Explanation: Total parts = 5. One part = $75/5 = 15$; first quantity = $2 \times 15 = 30.$

Q881. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

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

Answer: A

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

Q882. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 45
- (B) 18
- (C) 108
- (D) 63

Answer: A

Explanation: Total parts = 12. One part = $108/12 = 9$; first quantity = $5 \times 9 = 45.$

Q883. A can finish a work in 6 days and B in 24 days. In how many days can they finish it together?

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

Answer: D

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

Q884. An item costs Rs. 600. At a profit of 15%, what is the selling price?

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

Answer: B

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

Q885. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 300
- (B) 150
- (C) 312
- (D) 450

Answer: A

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

Q886. Two quantities are in the ratio 5:7. If their total is 156, what is the first quantity?

- (A) 26
- (B) 156
- (C) 65
- (D) 91

Answer: C

Explanation: Total parts = 12. One part = $156/12 = 13$; first quantity = $5 \times 13 = 65$.

Q887. Find the simple interest on Rs. 3000 at 8% per annum for 4 years.

- (A) 240
- (B) 960
- (C) 1260
- (D) 660

Answer: B

Explanation: $SI = PRT/100 = 3000 \times 8 \times 4/100 = \text{Rs. } 960$.

Q888. Two quantities are in the ratio 7:9. If their total is 64, what is the first quantity?

- (A) 64
- (B) 8
- (C) 28
- (D) 36

Answer: C

Explanation: Total parts = 16. One part = $64/16 = 4$; first quantity = $7 \times 4 = 28$.

Q889. What is 40% of 450?

- (A) 157.5
- (B) 225.0
- (C) 202.5
- (D) 180

Answer: D

Explanation: $40\% \text{ of } 450 = (40/100) \times 450 = 180$.

Q890. Two quantities are in the ratio 7:9. If their total is 256, what is the first quantity?

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

Answer: D

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

Q891. An item costs Rs. 800. At a profit of 15%, what is the selling price?

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

Answer: A

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

Q892. Two quantities are in the ratio 7:9. If their total is 176, what is the first quantity?

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

Answer: D

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

Q893. What is 15% of 200?

- (A) 50.0
- (B) 20.0
- (C) 30
- (D) 40.0

Answer: C

Explanation: $15\% \text{ of } 200 = (15/100) \times 200 = 30$.

Q894. 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) 17.14
- (C) 7.06
- (D) 14

Answer: C

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

Q895. A vehicle travels at 36 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q896. What is 20% of 200?

- (A) 30.0
- (B) 60.0
- (C) 50.0
- (D) 40

Answer: D

Explanation: 20% of 200 = $(20/100) \times 200 = 40$.

Q897. Find the simple interest on Rs. 3000 at 12% per annum for 4 years.

- (A) 1740
- (B) 360
- (C) 1140
- (D) 1440

Answer: D

Explanation: SI = $PRT/100 = 3000 \times 12 \times 4/100 = \text{Rs. } 1440$.

Q898. Find the average of 41, 71, 34, 10, 48.

- (A) 40.8
- (B) 51.0
- (C) 38.8
- (D) 42.8

Answer: A

Explanation: Average = sum / count = $204/5 = 40.8$.

Q899. Find the simple interest on Rs. 5000 at 5% per annum for 2 years.

- (A) 1000
- (B) 250
- (C) 1
- (D) 500

Answer: D

Explanation: SI = $PRT/100 = 5000 \times 5 \times 2/100 = \text{Rs. } 500$.

Q900. An item costs Rs. 320. At a profit of 20%, what is the selling price?

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

Answer: C

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

Q901. A can finish a work in 15 days and B in 20 days. In how many days can they finish it together?

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

Answer: B

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

Q902. Find the simple interest on Rs. 2000 at 10% per annum for 4 years.

- (A) 200
- (B) 1000
- (C) 800
- (D) 600

Answer: C

Explanation: $SI = PRT/100 = 2000 \times 10 \times 4/100 = \text{Rs. } 800$.

Q903. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 60
- (B) 75.0
- (C) 15.0
- (D) 32

Answer: A

Explanation: Distance = speed $\times$ time = $30 \times 2 = 60$ km.

Q904. Find the simple interest on Rs. 1200 at 8% per annum for 3 years.

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

Answer: C

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

Q905. Two quantities are in the ratio 5:7. If their total is 96, what is the first quantity?

- (A) 40
- (B) 56
- (C) 16
- (D) 96

Answer: A

Explanation: Total parts = 12. One part = $96/12 = 8$; first quantity = $5 \times 8 = 40$.

Q906. Two quantities are in the ratio 3:5. If their total is 32, what is the first quantity?

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

Answer: C

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

Q907. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 90.0
- (B) 18.0
- (C) 72
- (D) 38

Answer: C

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q908. Find the simple interest on Rs. 4000 at 6% per annum for 2 years.

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

Answer: C

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

Q909. Two quantities are in the ratio 7:9. If their total is 144, what is the first quantity?

- (A) 144
- (B) 81
- (C) 18
- (D) 63

Answer: D

Explanation: Total parts = 16. One part = $144/16 = 9$; first quantity = $7 \times 9 = 63$.

Q910. Find the average of 27, 17, 51, 79, 67.

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

Answer: A

Explanation: Average = sum / count = $241/5 = 48.2$.

Q911. Two quantities are in the ratio 2:3. If their total is 50, what is the first quantity?

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

Answer: A

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

Q912. What is 10% of 500?

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

Answer: B

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

Q913. Find the simple interest on Rs. 1000 at 6% per annum for 2 years.

- (A) 20
- (B) 220
- (C) 120
- (D) 60

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 6 \times 2}{100} = \text{Rs. } 120.$

Q914. What is 60% of 320?

- (A) 208.0
- (B) 176.0
- (C) 192
- (D) 224.0

Answer: C

Explanation: $60\% \text{ of } 320 = \frac{60}{100} \times 320 = 192.$

Q915. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: C

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

Q916. An item costs Rs. 250. At a profit of 30%, what is the selling price?

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

Answer: D

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

Q917. Two quantities are in the ratio 5:7. If their total is 216, what is the first quantity?

- (A) 126
- (B) 216
- (C) 36
- (D) 90

Answer: D

Explanation: Total parts = 12. One part = $216/12 = 18$; first quantity = $5 \times 18 = 90.$

Q918. Two quantities are in the ratio 3:5. If their total is 56, what is the first quantity?

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

Answer: A

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

Q919. Find the average of 18, 73, 24, 71, 64.

- (A) 48
- (B) 62.5
- (C) 52
- (D) 50

Answer: D

Explanation: Average = sum / count = $250/5 = 50$.

Q920. Find the simple interest on Rs. 1500 at 12% per annum for 3 years.

- (A) 540
- (B) 690
- (C) 180
- (D) 390

Answer: A

Explanation: $SI = PRT/100 = 1500 \times 12 \times 3/100 = \text{Rs. } 540$.

Q921. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 14.4
- (B) 38.5
- (C) 108.0
- (D) 90

Answer: D

Explanation: Distance = speed $\times$ time = $36 \times 2.5 = 90$ km.

Q922. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

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

Answer: A

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

Q923. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

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

Answer: C

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

Q924. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 4.62
- (B) 13.0
- (C) 14
- (D) 8.57

Answer: A

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q925. 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) 36.0
- (C) 15.0
- (D) 7.2

Answer: D

Explanation: Combined rate = $1/12 + 1/18 = (30)/216$; time = $216/30 = 7.2$ days.

Q926. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

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

Q927. Two quantities are in the ratio 5:7. If their total is 156, what is the first quantity?

- (A) 156
- (B) 26
- (C) 91
- (D) 65

Answer: D

Explanation: Total parts = 12. One part = $156/12 = 13$; first quantity = $5 \times 13 = 65$.

Q928. What is 5% of 600?

- (A) 30
- (B) 0
- (C) 60.0
- (D) 90.0

Answer: A

Explanation: 5% of 600 = $(5/100) \times 600 = 30$.

Q929. Two quantities are in the ratio 7:9. If their total is 240, what is the first quantity?

- (A) 240
- (B) 135
- (C) 105
- (D) 30

Answer: C

Explanation: Total parts = 16. One part = $240/16 = 15$; first quantity = $7 \times 15 = 105$.

Q930. Find the average of 15, 41, 54, 48, 38.

- (A) 49.0
- (B) 39.2
- (C) 37.2
- (D) 41.2

Answer: B

Explanation: Average = sum / count = $196/5 = 39.2$.

Q931. Two quantities are in the ratio 4:5. If their total is 162, what is the first quantity?

- (A) 162
- (B) 18
- (C) 90
- (D) 72

Answer: D

Explanation: Total parts = 9. One part = $162/9 = 18$; first quantity = $4 \times 18 = 72$.

Q932. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q933. Find the simple interest on Rs. 5000 at 6% per annum for 3 years.

- (A) 400
- (B) 900
- (C) 300
- (D) 1400

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{5000 \times 6 \times 3}{100} = \text{Rs. } 900$.

Q934. What is 30% of 500?

- (A) 200.0
- (B) 175.0
- (C) 150
- (D) 125.0

Answer: C

Explanation: 30% of 500 = $(30/100) \times 500 = 150$.

Q935. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

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

Answer: D

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

Q936. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

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

Answer: A

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

Q937. What is 60% of 800?

- (A) 520.0
- (B) 440.0
- (C) 480
- (D) 560.0

Answer: C

Explanation: $60\% \text{ of } 800 = (60/100) \times 800 = 480$.

Q938. 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) 21.0
- (C) 10.29
- (D) 6

Answer: C

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

Q939. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 35
- (B) 10
- (C) 60
- (D) 25

Answer: D

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q940. Two quantities are in the ratio 2:3. If their total is 35, what is the first quantity?

- (A) 14
- (B) 35
- (C) 7
- (D) 21

Answer: A

Explanation: Total parts = 5. One part = $35/5 = 7$; first quantity = $2 \times 7 = 14$.

Q941. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

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

Answer: D

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

Q942. Find the average of 26, 27, 29, 39, 54.

- (A) 43.8
- (B) 37
- (C) 33
- (D) 35

Answer: D

Explanation: Average = sum / count = $175/5 = 35$.

Q943. Two quantities are in the ratio 7:9. If their total is 128, what is the first quantity?

- (A) 56
- (B) 72
- (C) 128
- (D) 16

Answer: A

Explanation: Total parts = 16. One part = $128/16 = 8$; first quantity = $7 \times 8 = 56$.

Q944. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 45
- (B) 20
- (C) 25
- (D) 5

Answer: B

Explanation: Total parts = 9. One part = $45/9 = 5$; first quantity = $4 \times 5 = 20$.

Q945. Find the average of 61, 19, 66, 33, 23.

- (A) 50.5
- (B) 38.4
- (C) 40.4
- (D) 42.4

Answer: C

Explanation: Average = sum / count = $202/5 = 40.4$.

Q946. Two quantities are in the ratio 4:5. If their total is 54, what is the first quantity?

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

Answer: D

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

Q947. Find the simple interest on Rs. 1500 at 10% per annum for 3 years.

- (A) 300
- (B) 150
- (C) 450
- (D) 600

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1500 \times 10 \times 3}{100} = \text{Rs. } 450$.

Q948. Find the average of 60, 78, 61, 32, 11.

- (A) 50.4
- (B) 60.5
- (C) 46.4
- (D) 48.4

Answer: D

Explanation: Average = sum / count = $242/5 = 48.4$.

Q949. 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) 7.5
- (D) 8

Answer: C

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

Q950. Find the simple interest on Rs. 1500 at 6% per annum for 2 years.

- (A) 90
- (B) 180
- (C) 330
- (D) 30

Answer: B

Explanation: $SI = PRT/100 = 1500 \times 6 \times 2/100 = \text{Rs. } 180$.

Q951. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q952. Two quantities are in the ratio 2:3. If their total is 25, what is the first quantity?

- (A) 15
- (B) 10
- (C) 25
- (D) 5

Answer: B

Explanation: Total parts = 5. One part = $25/5 = 5$; first quantity = $2 \times 5 = 10$.

Q953. A can finish a work in 20 days and B in 12 days. In how many days can they finish it together?

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

Answer: D

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

Q954. Find the average of 13, 55, 11, 73, 30.

- (A) 45.5
- (B) 34.4
- (C) 36.4
- (D) 38.4

Answer: C

Explanation: Average = sum / count = $182/5 = 36.4$.

Q955. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

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

Answer: D

Explanation: Combined rate = $\frac{1}{6} + \frac{1}{18} = \frac{24}{108}$; time = $\frac{108}{24} = 4.5$ days.

Q956. An item costs Rs. 500. At a profit of 12%, what is the selling price?

- (A) 512
- (B) 560
- (C) 524
- (D) 440.0

Answer: B

Explanation: Selling price = $500 \times (1 + \frac{12}{100}) = \text{Rs. } 560$.

Q957. Find the average of 11, 10, 10, 50, 28.

- (A) 27.2
- (B) 23.8
- (C) 21.8
- (D) 19.8

Answer: C

Explanation: Average = sum / count = $\frac{109}{5} = 21.8$.

Q958. Find the average of 60, 19, 23, 69, 16.

- (A) 37.4
- (B) 46.8
- (C) 35.4
- (D) 39.4

Answer: A

Explanation: Average = sum / count = $\frac{187}{5} = 37.4$.

Q959. An item costs Rs. 750. At a profit of 30%, what is the selling price?

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

Answer: A

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

Q960. 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 x time = $54 \times 4 = 216$ km.

Q961. Find the average of 34, 55, 27, 21, 79.

- (A) 54.0
- (B) 41.2
- (C) 45.2
- (D) 43.2

Answer: D

Explanation: Average = sum / count = $216/5 = 43.2$.

Q962. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: B

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

Q963. Find the simple interest on Rs. 1200 at 5% per annum for 2 years.

- (A) 240
- (B) 1
- (C) 60
- (D) 120

Answer: D

Explanation: SI = $PRT/100 = 1200 \times 5 \times 2/100 = \text{Rs. } 120$.

Q964. Two quantities are in the ratio 3:5. If their total is 128, what is the first quantity?

- (A) 48
- (B) 80
- (C) 32
- (D) 128

Answer: A

Explanation: Total parts = 8. One part = $128/8 = 16$; first quantity = $3 \times 16 = 48$.

Q965. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

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

Answer: B

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

Q966. What is 40% of 250?

- (A) 125.0
- (B) 87.5
- (C) 100
- (D) 112.5

Answer: C

Explanation: 40% of 250 = $(40/100) \times 250 = 100$.

Q967. Find the average of 23, 38, 41, 66, 79.

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

Answer: C

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

Q968. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 200
- (B) 225.0
- (C) 12.5
- (D) 54

Answer: A

Explanation: Distance = speed x time = $50 \times 4 = 200$ km.

Q969. Find the simple interest on Rs. 3000 at 6% per annum for 3 years.

- (A) 240
- (B) 540
- (C) 180
- (D) 840

Answer: B

Explanation: SI = $PRT/100 = 3000 \times 6 \times 3/100 = \text{Rs. } 540$.

Q970. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: B

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

Q971. 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 = $5 \times 12 = 60$.

Q972. A can finish a work in 20 days and B in 15 days. In how many days can they finish it together?

- (A) 5
- (B) 300.0
- (C) 8.57
- (D) 17.5

Answer: C

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

Q973. An item costs Rs. 750. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q974. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 68
- (B) 17
- (C) 51
- (D) 119

Answer: C

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51$.

Q975. 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: $SI = PRT/100 = 2500 \times 5 \times 2/100 = \text{Rs. } 250$.

Q976. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 150
- (B) 16.67
- (C) 175.0
- (D) 53

Answer: A

Explanation: Distance = speed $\times$ time = $50 \times 3 = 150 \text{ km}$.

Q977. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

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

Q978. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q979. What is 25% of 320?

- (A) 112.0
- (B) 64.0
- (C) 80
- (D) 96.0

Answer: C

Explanation: 25% of 320 = $(25/100) \times 320 = 80$.

Q980. What is 10% of 450?

- (A) 22.5
- (B) 90.0
- (C) 45
- (D) 67.5

Answer: C

Explanation: 10% of 450 = $(10/100) \times 450 = 45$.

Q981. What is 15% of 450?

- (A) 90.0
- (B) 45.0
- (C) 67.5
- (D) 112.5

Answer: C

Explanation: 15% of 450 = $(15/100) \times 450 = 67.5$.

Q982. Find the average of 60, 30, 67, 30, 42.

- (A) 47.8
- (B) 43.8
- (C) 45.8
- (D) 57.2

Answer: C

Explanation: Average = sum / count = $229/5 = 45.8$.

Q983. What is 50% of 450?

- (A) 247.5
- (B) 225
- (C) 270.0
- (D) 202.5

Answer: B

Explanation: 50% of 450 = $(50/100) \times 450 = 225$.

Q984. Find the average of 32, 37, 66, 18, 59.

- (A) 42.4
- (B) 53.0
- (C) 40.4
- (D) 44.4

Answer: A

Explanation: Average = sum / count = $212/5 = 42.4$.

Q985. Two quantities are in the ratio 5:7. If their total is 72, what is the first quantity?

- (A) 42
- (B) 72
- (C) 12
- (D) 30

Answer: D

Explanation: Total parts = 12. One part = $72/12 = 6$; first quantity = $5 \times 6 = 30$.

Q986. What is 60% of 500?

- (A) 350.0
- (B) 300
- (C) 275.0
- (D) 325.0

Answer: B

Explanation: 60% of 500 = $(60/100) \times 500 = 300$.

Q987. What is 30% of 240?

- (A) 84.0
- (B) 60.0
- (C) 96.0
- (D) 72

Answer: D

Explanation: 30% of 240 = $(30/100) \times 240 = 72$.

Q988. An item costs Rs. 240. At a profit of 12%, what is the selling price?

- (A) 211.2
- (B) 252
- (C) 264
- (D) 268.8

Answer: D

Explanation: Selling price = $240 \times (1 + 12/100) = \text{Rs. } 268.8$.

Q989. Two quantities are in the ratio 3:5. If their total is 48, what is the first quantity?

- (A) 12
- (B) 30
- (C) 48
- (D) 18

Answer: D

Explanation: Total parts = 8. One part = $48/8 = 6$; first quantity = $3 \times 6 = 18$.

Q990. Two quantities are in the ratio 3:5. If their total is 96, what is the first quantity?

- (A) 36
- (B) 24
- (C) 96
- (D) 60

Answer: A

Explanation: Total parts = 8. One part = $96/8 = 12$; first quantity = $3 \times 12 = 36$.

Q991. Two quantities are in the ratio 4:5. If their total is 36, what is the first quantity?

- (A) 16
- (B) 36
- (C) 4
- (D) 20

Answer: A

Explanation: Total parts = 9. One part = $36/9 = 4$; first quantity = $4 \times 4 = 16$.

Q992. Two quantities are in the ratio 2:3. If their total is 45, what is the first quantity?

- (A) 18
- (B) 27
- (C) 9
- (D) 45

Answer: A

Explanation: Total parts = 5. One part = $45/5 = 9$; first quantity = $2 \times 9 = 18$.

Q993. What is 25% of 320?

- (A) 64.0
- (B) 96.0
- (C) 80
- (D) 112.0

Answer: C

Explanation: 25% of 320 = $(25/100) \times 320 = 80$.

Q994. A can finish a work in 12 days and B in 18 days. In how many days can they finish it together?

- (A) 7.2
- (B) 6
- (C) 15.0
- (D) 36.0

Answer: A

Explanation: Combined rate = $1/12 + 1/18 = (30)/216$; time = $216/30 = 7.2$ days.

Q995. What is 30% of 320?

- (A) 96
- (B) 128.0
- (C) 112.0
- (D) 80.0

Answer: A

Explanation: 30% of 320 = $(30/100) \times 320 = 96$.

Q996. An item costs Rs. 800. At a profit of 12%, what is the selling price?

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

Answer: A

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

Q997. Find the simple interest on Rs. 4000 at 5% per annum for 3 years.

- (A) 393
- (B) 1000
- (C) 200
- (D) 600

Answer: D

Explanation: $SI = \frac{PRT}{100} = 4000 \times 5 \times 3/100 = \text{Rs. } 600.$

Q998. Find the simple interest on Rs. 1200 at 12% per annum for 3 years.

- (A) 144
- (B) 432
- (C) 552
- (D) 312

Answer: B

Explanation: $SI = \frac{PRT}{100} = 1200 \times 12 \times 3/100 = \text{Rs. } 432.$

Q999. Find the simple interest on Rs. 1500 at 6% per annum for 4 years.

- (A) 90
- (B) 510
- (C) 360
- (D) 210

Answer: C

Explanation: $SI = \frac{PRT}{100} = 1500 \times 6 \times 4/100 = \text{Rs. } 360.$

Q1000. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 119
- (B) 51
- (C) 68
- (D) 17

Answer: B

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51.$

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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