

EXAMGURUX

Indian Army Agniveer GD 2027 - CEE Practice

1000 Original Practice MCQs with Answers & Explanations

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

Official reference: Join Indian Army - Agniveer Common Entrance Examination framework (joinindianarmy.nic.in)

Coverage note: Practice based on the latest available Agniveer GD CEE framework. Verify the relevant recruiting-year notification for exact pattern and eligibility.

Section	Questions
General Knowledge	300
General Science	300
Mathematics	250
Reasoning	150

General Knowledge

Q1. The speed of light in vacuum is approximately

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

Answer: C

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

Q2. 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.

Q3. 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.

Q4. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q5. 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.

Q6. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q7. 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.

Q8. 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.

Q9. 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.

Q10. 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.

Q11. The longest river entirely within India is

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

Answer: A

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

Q12. 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.

Q13. 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.

Q14. The planet known as the Red Planet is

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

Answer: A

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

Q15. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q16. The speed of light in vacuum is approximately

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

Answer: A

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

Q17. 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.

Q18. 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.

Q19. The speed of light in vacuum is approximately

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

Answer: B

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

Q20. 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.

Q21. The largest ocean on Earth is

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

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q22. 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.

Q23. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q24. 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.

Q25. The longest river entirely within India is

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

Answer: A

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

Q26. 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.

Q27. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q28. 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.

Q29. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q30. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q31. 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.

Q32. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q33. 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.

Q34. 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.

Q35. 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.

Q36. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q37. 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.

Q38. 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.

Q39. The speed of light in vacuum is approximately

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

Answer: B

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

Q40. 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.

Q41. Photosynthesis mainly occurs in which cell organelle?

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

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q42. 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.

Q43. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q44. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q45. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q46. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q47. Which gas is most abundant in Earth's atmosphere?

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

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q48. 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.

Q49. 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.

Q50. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q51. 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.

Q52. 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.

Q53. 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.

Q54. 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.

Q55. 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.

Q56. The longest river entirely within India is

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

Answer: A

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

Q57. 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.

Q58. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q59. 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.

Q60. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q61. 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.

Q62. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q63. 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.

Q64. The Parliament of India consists of

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

Answer: D

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

Q65. 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.

Q66. 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.

Q67. 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.

Q68. 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.

Q69. 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.

Q70. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q71. 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.

Q72. 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.

Q73. 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.

Q74. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q75. 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.

Q76. 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.

Q77. The planet known as the Red Planet is

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

Answer: C

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

Q78. 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.

Q79. Photosynthesis mainly occurs in which cell organelle?

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

Answer: C

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q80. 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.

Q81. Which blood cells primarily carry oxygen?

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

Answer: C

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

Q82. 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.

Q83. 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.

Q84. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q85. 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.

Q86. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q87. 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.

Q88. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q89. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q90. The planet known as the Red Planet is

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

Answer: C

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

Q91. 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.

Q92. Which gas is most abundant in Earth's atmosphere?

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

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q93. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q94. The Parliament of India consists of

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

Answer: A

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

Q95. 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.

Q96. 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.

Q97. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q98. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q99. 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.

Q100. 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.

Q101. 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.

Q102. The speed of light in vacuum is approximately

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

Answer: C

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

Q103. 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.

Q104. 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.

Q105. 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.

Q106. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q107. 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.

Q108. The Parliament of India consists of

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

Answer: C

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

Q109. 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.

Q110. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q111. 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.

Q112. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q113. The Parliament of India consists of

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

Answer: B

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

Q114. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q115. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q116. 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.

Q117. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q118. The planet known as the Red Planet is

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

Answer: D

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

Q119. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q120. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q121. 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.

Q122. 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.

Q123. 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.

Q124. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q125. 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.

Q126. The chemical symbol for sodium is

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

Answer: A

Explanation: Na comes from the Latin name natrium.

Q127. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q128. 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.

Q129. Which blood cells primarily carry oxygen?

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

Answer: B

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

Q130. 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.

Q131. 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.

Q132. The speed of light in vacuum is approximately

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

Answer: A

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

Q133. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q134. The capital of India is

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

Answer: B

Explanation: New Delhi is the capital of India.

Q135. 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.

Q136. 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.

Q137. 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.

Q138. 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.

Q139. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q140. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q141. 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.

Q142. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q143. 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.

Q144. 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.

Q145. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q146. The Parliament of India consists of

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

Answer: A

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

Q147. 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.

Q148. The Parliament of India consists of

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

Answer: C

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

Q149. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q150. 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.

Q151. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q152. 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.

Q153. 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.

Q154. The speed of light in vacuum is approximately

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

Answer: B

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

Q155. 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.

Q156. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q157. 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.

Q158. 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.

Q159. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q160. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q161. The fundamental unit of life is

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

Answer: A

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

Q162. 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.

Q163. 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.

Q164. 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.

Q165. 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.

Q166. 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.

Q167. 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.

Q168. The planet known as the Red Planet is

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

Answer: C

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

Q169. 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.

Q170. 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.

Q171. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q172. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q173. 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.

Q174. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q175. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q176. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q177. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q178. 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.

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. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q181. Photosynthesis mainly occurs in which cell organelle?

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

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q182. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q183. 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.

Q184. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q185. 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.

Q186. 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.

Q187. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q188. 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.

Q189. 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.

Q190. 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.

Q191. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q192. 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.

Q193. 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.

Q194. 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.

Q195. 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.

Q196. 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.

Q197. Who wrote the Indian national anthem?

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

Answer: D

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q198. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q199. 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.

Q200. The speed of light in vacuum is approximately

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

Answer: B

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

Q201. The planet known as the Red Planet is

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

Answer: B

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

Q202. The planet known as the Red Planet is

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

Answer: B

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

Q203. 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.

Q204. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q205. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q206. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q207. 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.

Q208. Photosynthesis mainly occurs in which cell organelle?

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

Answer: B

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q209. 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.

Q210. The longest river entirely within India is

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

Answer: B

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

Q211. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q212. 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.

Q213. 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.

Q214. 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.

Q215. 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.

Q216. 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.

Q217. Which blood cells primarily carry oxygen?

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

Answer: D

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

Q218. 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.

Q219. 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.

Q220. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q221. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q222. 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.

Q223. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q224. 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.

Q225. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q226. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q227. Which gas is most abundant in Earth's atmosphere?

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

Answer: D

Explanation: Nitrogen is about 78% of the atmosphere.

Q228. 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.

Q229. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q230. 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.

Q231. 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.

Q232. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q233. 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.

Q234. The largest ocean on Earth is

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

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q235. 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.

Q236. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q237. 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.

Q238. 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.

Q239. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q240. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q241. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q242. 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.

Q243. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q244. 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.

Q245. The fundamental unit of life is

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

Answer: C

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

Q246. 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.

Q247. 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.

Q248. 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.

Q249. The largest ocean on Earth is

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

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q250. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q251. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q252. 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.

Q253. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q254. 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.

Q255. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q256. 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.

Q257. 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.

Q258. 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.

Q259. 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.

Q260. 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.

Q261. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q262. The longest river entirely within India is

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

Answer: C

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

Q263. 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.

Q264. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q265. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q266. 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.

Q267. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q268. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q269. 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.

Q270. 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.

Q271. Which gas is most abundant in Earth's atmosphere?

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

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q272. The Parliament of India consists of

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

Answer: A

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

Q273. 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.

Q274. 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.

Q275. 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.

Q276. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q277. The largest ocean on Earth is

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

Answer: C

Explanation: The Pacific is Earth's largest ocean.

Q278. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q279. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q280. 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.

Q281. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q282. 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.

Q283. 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.

Q284. 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.

Q285. The SI unit of force is

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

Answer: C

Explanation: Force is measured in newtons (N).

Q286. Which blood cells primarily carry oxygen?

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

Answer: C

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

Q287. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q288. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q289. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q290. 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.

Q291. 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.

Q292. Which gas is most abundant in Earth's atmosphere?

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

Answer: A

Explanation: Nitrogen is about 78% of the atmosphere.

Q293. 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.

Q294. 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.

Q295. 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.

Q296. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q297. The capital of India is

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

Answer: C

Explanation: New Delhi is the capital of India.

Q298. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q299. 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.

Q300. 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.

General Science

Q301. The chemical formula of common salt is

- (A) NaCl
- (B) KCl
- (C) Na₂CO₃
- (D) CaCO₃

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q302. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q303. The unit of electric power is

- (A) volt
- (B) watt
- (C) ohm
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q304. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q305. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 1
- (D) 0

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q306. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s²
- (B) 9.8 m/s²
- (C) 98 m/s²
- (D) 3.0 m/s²

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q307. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 98 m/s^2
- (C) 9.8 m/s^2
- (D) 3.0 m/s^2

Answer: C

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q308. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 7
- (D) 0

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q309. Which particle has a negative electric charge?

- (A) proton
- (B) alpha particle
- (C) electron
- (D) neutron

Answer: C

Explanation: Electrons carry negative charge.

Q310. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 9.8 m/s^2
- (C) 0.98 m/s^2
- (D) 98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q311. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q312. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 0
- (D) 14

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q313. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q314. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 3.0 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q315. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin A
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q316. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 98 m/s^2
- (C) 3.0 m/s^2
- (D) 0.98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q317. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Ohm's law
- (D) Hooke's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q318. The chemical formula of common salt is

- (A) Na_2CO_3
- (B) NaCl
- (C) KCl
- (D) CaCO_3

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q319. The unit of electric power is

- (A) ampere
- (B) ohm
- (C) volt
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q320. The unit of electric power is

- (A) ampere
- (B) volt
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q321. The unit of electric power is

- (A) watt
- (B) ampere
- (C) volt
- (D) ohm

Answer: A

Explanation: Power is measured in watts.

Q322. The chemical formula of common salt is

- (A) CaCO_3
- (B) Na_2CO_3
- (C) NaCl
- (D) KCl

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q323. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Hooke's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q324. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin C
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q325. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) NaCl
- (D) CaCO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q326. Which particle has a negative electric charge?

- (A) alpha particle
- (B) neutron
- (C) proton
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q327. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Hooke's law
- (C) Ohm's law
- (D) Boyle's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q328. The unit of electric power is

- (A) watt
- (B) volt
- (C) ampere
- (D) ohm

Answer: A

Explanation: Power is measured in watts.

Q329. The chemical formula of common salt is

- (A) KCl
- (B) CaCO_3
- (C) Na_2CO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q330. The unit of electric power is

- (A) volt
- (B) watt
- (C) ampere
- (D) ohm

Answer: B

Explanation: Power is measured in watts.

Q331. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 1
- (C) 7
- (D) 14

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q332. The chemical formula of common salt is

- (A) NaCl
- (B) KCl
- (C) Na₂CO₃
- (D) CaCO₃

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q333. The unit of electric power is

- (A) volt
- (B) watt
- (C) ohm
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q334. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 0
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q335. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin A
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q336. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin K
- (D) Vitamin A

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q337. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 0
- (D) 1

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q338. The unit of electric power is

- (A) ampere
- (B) volt
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q339. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s²
- (B) 0.98 m/s²
- (C) 3.0 m/s²
- (D) 9.8 m/s²

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q340. Which particle has a negative electric charge?

- (A) alpha particle
- (B) electron
- (C) proton
- (D) neutron

Answer: B

Explanation: Electrons carry negative charge.

Q341. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin A
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q342. The unit of electric power is

- (A) volt
- (B) watt
- (C) ohm
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q343. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 9.8 m/s^2
- (C) 3.0 m/s^2
- (D) 0.98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q344. The unit of electric power is

- (A) volt
- (B) ampere
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q345. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 0
- (C) 7
- (D) 1

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q346. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 0
- (D) 14

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q347. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Boyle's law
- (C) Ohm's law
- (D) Newton's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q348. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Hooke's law
- (C) Newton's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q349. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 0.98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q350. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 0.98 m/s^2
- (C) 9.8 m/s^2
- (D) 3.0 m/s^2

Answer: C

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q351. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 0
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q352. The chemical formula of common salt is

- (A) CaCO_3
- (B) NaCl
- (C) KCl
- (D) Na_2CO_3

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q353. Which particle has a negative electric charge?

- (A) proton
- (B) electron
- (C) neutron
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q354. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 0.98 m/s^2
- (C) 3.0 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q355. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q356. The chemical formula of common salt is

- (A) CaCO_3
- (B) KCl
- (C) Na_2CO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q357. Which particle has a negative electric charge?

- (A) neutron
- (B) alpha particle
- (C) electron
- (D) proton

Answer: C

Explanation: Electrons carry negative charge.

Q358. The unit of electric power is

- (A) ampere
- (B) watt
- (C) ohm
- (D) volt

Answer: B

Explanation: Power is measured in watts.

Q359. The chemical formula of common salt is

- (A) Na_2CO_3
- (B) NaCl
- (C) KCl
- (D) CaCO_3

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q360. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 1
- (C) 14
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q361. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 0.98 m/s^2
- (C) 98 m/s^2
- (D) 3.0 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q362. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 0.98 m/s^2
- (C) 98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q363. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 0
- (C) 1
- (D) 14

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q364. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 0.98 m/s^2
- (C) 3.0 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q365. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin C

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q366. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin K
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q367. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 14
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q368. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s²
- (B) 9.8 m/s²
- (C) 0.98 m/s²
- (D) 3.0 m/s²

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q369. The unit of electric power is

- (A) ohm
- (B) ampere
- (C) volt
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q370. The unit of electric power is

- (A) ohm
- (B) volt
- (C) ampere
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q371. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Newton's law
- (C) Boyle's law
- (D) Hooke's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q372. Which particle has a negative electric charge?

- (A) neutron
- (B) proton
- (C) electron
- (D) alpha particle

Answer: C

Explanation: Electrons carry negative charge.

Q373. The unit of electric power is

- (A) ohm
- (B) watt
- (C) volt
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q374. The unit of electric power is

- (A) ohm
- (B) ampere
- (C) volt
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q375. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin D
- (C) Vitamin A
- (D) Vitamin C

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q376. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q377. Which particle has a negative electric charge?

- (A) alpha particle
- (B) electron
- (C) proton
- (D) neutron

Answer: B

Explanation: Electrons carry negative charge.

Q378. Which particle has a negative electric charge?

- (A) electron
- (B) alpha particle
- (C) proton
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q379. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Hooke's law
- (D) Boyle's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q380. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin A
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q381. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q382. The unit of electric power is

- (A) ampere
- (B) ohm
- (C) watt
- (D) volt

Answer: C

Explanation: Power is measured in watts.

Q383. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) CaCO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q384. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 98 m/s^2
- (C) 9.8 m/s^2
- (D) 3.0 m/s^2

Answer: C

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q385. The chemical formula of common salt is

- (A) CaCO_3
- (B) NaCl
- (C) KCl
- (D) Na_2CO_3

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q386. The chemical formula of common salt is

- (A) NaCl
- (B) CaCO_3
- (C) KCl
- (D) Na_2CO_3

Answer: A

Explanation: Common salt is sodium chloride, NaCl .

Q387. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 14
- (D) 0

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q388. Which particle has a negative electric charge?

- (A) alpha particle
- (B) electron
- (C) neutron
- (D) proton

Answer: B

Explanation: Electrons carry negative charge.

Q389. The unit of electric power is

- (A) volt
- (B) watt
- (C) ohm
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q390. Which particle has a negative electric charge?

- (A) electron
- (B) proton
- (C) neutron
- (D) alpha particle

Answer: A

Explanation: Electrons carry negative charge.

Q391. The unit of electric power is

- (A) watt
- (B) ampere
- (C) ohm
- (D) volt

Answer: A

Explanation: Power is measured in watts.

Q392. The unit of electric power is

- (A) volt
- (B) ampere
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q393. The unit of electric power is

- (A) volt
- (B) ampere
- (C) watt
- (D) ohm

Answer: C

Explanation: Power is measured in watts.

Q394. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin K
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q395. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Ohm's law
- (D) Hooke's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q396. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q397. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Ohm's law
- (C) Newton's law
- (D) Hooke's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q398. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 3.0 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q399. The unit of electric power is

- (A) watt
- (B) volt
- (C) ohm
- (D) ampere

Answer: A

Explanation: Power is measured in watts.

Q400. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 14
- (D) 0

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q401. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 3.0 m/s^2
- (C) 9.8 m/s^2
- (D) 98 m/s^2

Answer: C

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q402. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin K
- (C) Vitamin A
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q403. The chemical formula of common salt is

- (A) Na_2CO_3
- (B) NaCl
- (C) CaCO_3
- (D) KCl

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q404. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 9.8 m/s^2
- (C) 3.0 m/s^2
- (D) 98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q405. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q406. The unit of electric power is

- (A) ampere
- (B) watt
- (C) volt
- (D) ohm

Answer: B

Explanation: Power is measured in watts.

Q407. The unit of electric power is

- (A) volt
- (B) ohm
- (C) watt
- (D) ampere

Answer: C

Explanation: Power is measured in watts.

Q408. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 14
- (C) 7
- (D) 1

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q409. Which particle has a negative electric charge?

- (A) neutron
- (B) proton
- (C) electron
- (D) alpha particle

Answer: C

Explanation: Electrons carry negative charge.

Q410. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 0.98 m/s^2
- (C) 3.0 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q411. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin A

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q412. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q413. The chemical formula of common salt is

- (A) NaCl
- (B) CaCO_3
- (C) KCl
- (D) Na_2CO_3

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q414. Which particle has a negative electric charge?

- (A) alpha particle
- (B) neutron
- (C) proton
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q415. Which particle has a negative electric charge?

- (A) proton
- (B) neutron
- (C) electron
- (D) alpha particle

Answer: C

Explanation: Electrons carry negative charge.

Q416. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Boyle's law
- (D) Hooke's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q417. Which particle has a negative electric charge?

- (A) proton
- (B) electron
- (C) neutron
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q418. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Hooke's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q419. The chemical formula of common salt is

- (A) Na_2CO_3
- (B) NaCl
- (C) CaCO_3
- (D) KCl

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q420. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Ohm's law
- (C) Newton's law
- (D) Hooke's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q421. Which particle has a negative electric charge?

- (A) alpha particle
- (B) proton
- (C) neutron
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q422. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin K
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q423. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin K
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q424. Which particle has a negative electric charge?

- (A) proton
- (B) alpha particle
- (C) electron
- (D) neutron

Answer: C

Explanation: Electrons carry negative charge.

Q425. Which particle has a negative electric charge?

- (A) alpha particle
- (B) electron
- (C) neutron
- (D) proton

Answer: B

Explanation: Electrons carry negative charge.

Q426. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 7
- (C) 1
- (D) 0

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q427. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin A
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q428. Which particle has a negative electric charge?

- (A) neutron
- (B) proton
- (C) alpha particle
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q429. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Hooke's law
- (D) Boyle's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q430. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q431. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin A
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q432. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 1
- (D) 0

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q433. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q434. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q435. Which particle has a negative electric charge?

- (A) proton
- (B) alpha particle
- (C) neutron
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q436. The unit of electric power is

- (A) ohm
- (B) watt
- (C) ampere
- (D) volt

Answer: B

Explanation: Power is measured in watts.

Q437. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q438. The chemical formula of common salt is

- (A) KCl
- (B) NaCl
- (C) Na_2CO_3
- (D) CaCO_3

Answer: B

Explanation: Common salt is sodium chloride, NaCl.

Q439. The unit of electric power is

- (A) volt
- (B) ohm
- (C) ampere
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q440. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 9.8 m/s^2
- (C) 3.0 m/s^2
- (D) 98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q441. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Newton's law
- (C) Boyle's law
- (D) Hooke's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q442. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q443. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Hooke's law
- (C) Ohm's law
- (D) Newton's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q444. The unit of electric power is

- (A) ohm
- (B) ampere
- (C) watt
- (D) volt

Answer: C

Explanation: Power is measured in watts.

Q445. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q446. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin C
- (C) Vitamin A
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q447. The unit of electric power is

- (A) ampere
- (B) ohm
- (C) volt
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q448. The chemical formula of common salt is

- (A) NaCl
- (B) KCl
- (C) CaCO_3
- (D) Na_2CO_3

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q449. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Boyle's law
- (D) Hooke's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q450. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Hooke's law
- (C) Boyle's law
- (D) Newton's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q451. The chemical formula of common salt is

- (A) KCl
- (B) NaCl
- (C) CaCO₃
- (D) Na₂CO₃

Answer: B

Explanation: Common salt is sodium chloride, NaCl.

Q452. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s²
- (B) 98 m/s²
- (C) 0.98 m/s²
- (D) 3.0 m/s²

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q453. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin C
- (C) Vitamin D
- (D) Vitamin A

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q454. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin C

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q455. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s²
- (B) 9.8 m/s²
- (C) 3.0 m/s²
- (D) 0.98 m/s²

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q456. The chemical formula of common salt is

- (A) CaCO₃
- (B) KCl
- (C) NaCl
- (D) Na₂CO₃

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q457. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 0.98 m/s^2
- (C) 3.0 m/s^2
- (D) 98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q458. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin C
- (D) Vitamin K

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q459. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin A
- (D) Vitamin K

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q460. Which particle has a negative electric charge?

- (A) proton
- (B) electron
- (C) neutron
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q461. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Hooke's law
- (D) Boyle's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q462. The unit of electric power is

- (A) ohm
- (B) ampere
- (C) volt
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q463. The chemical formula of common salt is

- (A) KCl
- (B) CaCO_3
- (C) Na_2CO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q464. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q465. The unit of electric power is

- (A) ohm
- (B) watt
- (C) ampere
- (D) volt

Answer: B

Explanation: Power is measured in watts.

Q466. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q467. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 14
- (D) 0

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q468. The unit of electric power is

- (A) volt
- (B) ampere
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q469. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 0
- (D) 1

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q470. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s²
- (B) 9.8 m/s²
- (C) 0.98 m/s²
- (D) 3.0 m/s²

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q471. Which particle has a negative electric charge?

- (A) proton
- (B) electron
- (C) neutron
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q472. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin K
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q473. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q474. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 7
- (C) 1
- (D) 14

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q475. The unit of electric power is

- (A) ohm
- (B) volt
- (C) watt
- (D) ampere

Answer: C

Explanation: Power is measured in watts.

Q476. Which particle has a negative electric charge?

- (A) proton
- (B) neutron
- (C) alpha particle
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q477. The chemical formula of common salt is

- (A) NaCl
- (B) KCl
- (C) Na₂CO₃
- (D) CaCO₃

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q478. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin A
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q479. Which particle has a negative electric charge?

- (A) electron
- (B) alpha particle
- (C) proton
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q480. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 7
- (D) 0

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q481. Which particle has a negative electric charge?

- (A) neutron
- (B) proton
- (C) alpha particle
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q482. The chemical formula of common salt is

- (A) NaCl
- (B) KCl
- (C) CaCO₃
- (D) Na₂CO₃

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q483. Which particle has a negative electric charge?

- (A) neutron
- (B) electron
- (C) proton
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q484. The chemical formula of common salt is

- (A) Na₂CO₃
- (B) CaCO₃
- (C) KCl
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q485. The unit of electric power is

- (A) ohm
- (B) watt
- (C) volt
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q486. Which particle has a negative electric charge?

- (A) electron
- (B) proton
- (C) alpha particle
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q487. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 1
- (C) 14
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q488. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q489. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q490. The unit of electric power is

- (A) ampere
- (B) ohm
- (C) watt
- (D) volt

Answer: C

Explanation: Power is measured in watts.

Q491. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Ohm's law
- (C) Boyle's law
- (D) Newton's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q492. The unit of electric power is

- (A) watt
- (B) ampere
- (C) ohm
- (D) volt

Answer: A

Explanation: Power is measured in watts.

Q493. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin A
- (C) Vitamin K
- (D) Vitamin C

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q494. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Hooke's law
- (C) Newton's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q495. Which particle has a negative electric charge?

- (A) electron
- (B) alpha particle
- (C) proton
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q496. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 14
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q497. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 3.0 m/s^2
- (C) 0.98 m/s^2
- (D) 98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q498. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin D
- (C) Vitamin A
- (D) Vitamin C

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q499. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 0
- (C) 14
- (D) 1

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q500. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q501. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin D
- (C) Vitamin K
- (D) Vitamin C

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q502. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin K
- (D) Vitamin A

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q503. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q504. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 7
- (C) 0
- (D) 1

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q505. Which particle has a negative electric charge?

- (A) proton
- (B) alpha particle
- (C) electron
- (D) neutron

Answer: C

Explanation: Electrons carry negative charge.

Q506. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 7
- (D) 0

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q507. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q508. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Hooke's law
- (C) Boyle's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q509. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 9.8 m/s^2
- (C) 3.0 m/s^2
- (D) 0.98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q510. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q511. The unit of electric power is

- (A) watt
- (B) volt
- (C) ohm
- (D) ampere

Answer: A

Explanation: Power is measured in watts.

Q512. The chemical formula of common salt is

- (A) KCl
- (B) CaCO_3
- (C) NaCl
- (D) Na_2CO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q513. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin K
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q514. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 0
- (D) 1

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q515. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 0.98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q516. The unit of electric power is

- (A) ampere
- (B) watt
- (C) volt
- (D) ohm

Answer: B

Explanation: Power is measured in watts.

Q517. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q518. Which particle has a negative electric charge?

- (A) electron
- (B) neutron
- (C) proton
- (D) alpha particle

Answer: A

Explanation: Electrons carry negative charge.

Q519. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin D
- (C) Vitamin K
- (D) Vitamin C

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q520. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q521. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Newton's law
- (C) Ohm's law
- (D) Boyle's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q522. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Boyle's law
- (C) Newton's law
- (D) Hooke's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q523. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 3.0 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q524. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Newton's law
- (C) Hooke's law
- (D) Boyle's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q525. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 0
- (C) 1
- (D) 14

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q526. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin A
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q527. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q528. Which particle has a negative electric charge?

- (A) proton
- (B) alpha particle
- (C) neutron
- (D) electron

Answer: D

Explanation: Electrons carry negative charge.

Q529. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Newton's law
- (C) Hooke's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q530. The unit of electric power is

- (A) ohm
- (B) volt
- (C) watt
- (D) ampere

Answer: C

Explanation: Power is measured in watts.

Q531. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin K
- (D) Vitamin A

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q532. The chemical formula of common salt is

- (A) CaCO_3
- (B) KCl
- (C) Na_2CO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q533. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 1
- (C) 7
- (D) 0

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q534. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 14
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q535. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Ohm's law
- (C) Newton's law
- (D) Hooke's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q536. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q537. The chemical formula of common salt is

- (A) KCl
- (B) CaCO_3
- (C) NaCl
- (D) Na_2CO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q538. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin A
- (D) Vitamin K

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q539. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 0
- (C) 14
- (D) 1

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q540. The chemical formula of common salt is

- (A) NaCl
- (B) Na_2CO_3
- (C) KCl
- (D) CaCO_3

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q541. The unit of electric power is

- (A) watt
- (B) ampere
- (C) ohm
- (D) volt

Answer: A

Explanation: Power is measured in watts.

Q542. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q543. Which particle has a negative electric charge?

- (A) proton
- (B) neutron
- (C) electron
- (D) alpha particle

Answer: C

Explanation: Electrons carry negative charge.

Q544. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin A
- (D) Vitamin K

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q545. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s²
- (B) 3.0 m/s²
- (C) 9.8 m/s²
- (D) 0.98 m/s²

Answer: C

Explanation: Near Earth's surface, g is approximately 9.8 m/s².

Q546. The pH of a neutral solution at 25 C is

- (A) 7
- (B) 14
- (C) 1
- (D) 0

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q547. The unit of electric power is

- (A) volt
- (B) watt
- (C) ohm
- (D) ampere

Answer: B

Explanation: Power is measured in watts.

Q548. Acceleration due to gravity near Earth's surface is approximately

- (A) 98 m/s^2
- (B) 9.8 m/s^2
- (C) 3.0 m/s^2
- (D) 0.98 m/s^2

Answer: B

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q549. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin D
- (D) Vitamin A

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q550. The unit of electric power is

- (A) ohm
- (B) watt
- (C) ampere
- (D) volt

Answer: B

Explanation: Power is measured in watts.

Q551. The unit of electric power is

- (A) watt
- (B) ohm
- (C) volt
- (D) ampere

Answer: A

Explanation: Power is measured in watts.

Q552. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 14
- (C) 0
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q553. The unit of electric power is

- (A) volt
- (B) ampere
- (C) ohm
- (D) watt

Answer: D

Explanation: Power is measured in watts.

Q554. The unit of electric power is

- (A) ampere
- (B) watt
- (C) ohm
- (D) volt

Answer: B

Explanation: Power is measured in watts.

Q555. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) NaCl
- (D) CaCO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q556. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin K
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q557. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Hooke's law
- (C) Newton's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q558. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Ohm's law
- (D) Hooke's law

Answer: C

Explanation: Ohm's law gives $V = IR$.

Q559. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 0.98 m/s^2
- (C) 98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q560. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 3.0 m/s^2
- (C) 0.98 m/s^2
- (D) 98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q561. Which particle has a negative electric charge?

- (A) neutron
- (B) electron
- (C) proton
- (D) alpha particle

Answer: B

Explanation: Electrons carry negative charge.

Q562. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Hooke's law
- (B) Boyle's law
- (C) Newton's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q563. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 0.98 m/s^2
- (C) 3.0 m/s^2
- (D) 98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q564. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Ohm's law
- (C) Hooke's law
- (D) Boyle's law

Answer: B

Explanation: Ohm's law gives $V = IR$.

Q565. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Newton's law
- (C) Hooke's law
- (D) Boyle's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q566. The chemical formula of common salt is

- (A) CaCO_3
- (B) KCl
- (C) NaCl
- (D) Na_2CO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q567. The unit of electric power is

- (A) ohm
- (B) volt
- (C) watt
- (D) ampere

Answer: C

Explanation: Power is measured in watts.

Q568. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 0.98 m/s^2
- (C) 98 m/s^2
- (D) 3.0 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q569. The chemical formula of common salt is

- (A) CaCO_3
- (B) Na_2CO_3
- (C) NaCl
- (D) KCl

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q570. Which particle has a negative electric charge?

- (A) electron
- (B) proton
- (C) alpha particle
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q571. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 7
- (C) 0
- (D) 1

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q572. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q573. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin C
- (C) Vitamin K
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q574. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) CaCO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q575. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q576. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q577. The chemical formula of common salt is

- (A) CaCO_3
- (B) KCl
- (C) NaCl
- (D) Na_2CO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q578. The pH of a neutral solution at 25 C is

- (A) 0
- (B) 7
- (C) 1
- (D) 14

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q579. The unit of electric power is

- (A) watt
- (B) ampere
- (C) ohm
- (D) volt

Answer: A

Explanation: Power is measured in watts.

Q580. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) CaCO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q581. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 3.0 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q582. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin D
- (B) Vitamin K
- (C) Vitamin C
- (D) Vitamin A

Answer: A

Explanation: Sunlight helps the skin synthesize vitamin D.

Q583. The chemical formula of common salt is

- (A) KCl
- (B) CaCO_3
- (C) NaCl
- (D) Na_2CO_3

Answer: C

Explanation: Common salt is sodium chloride, NaCl.

Q584. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Hooke's law
- (C) Newton's law
- (D) Boyle's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q585. The unit of electric power is

- (A) ampere
- (B) watt
- (C) volt
- (D) ohm

Answer: B

Explanation: Power is measured in watts.

Q586. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin C
- (C) Vitamin K
- (D) Vitamin D

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q587. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Ohm's law
- (B) Boyle's law
- (C) Newton's law
- (D) Hooke's law

Answer: A

Explanation: Ohm's law gives $V = IR$.

Q588. The unit of electric power is

- (A) ohm
- (B) volt
- (C) watt
- (D) ampere

Answer: C

Explanation: Power is measured in watts.

Q589. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin C
- (B) Vitamin K
- (C) Vitamin D
- (D) Vitamin A

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q590. Acceleration due to gravity near Earth's surface is approximately

- (A) 0.98 m/s^2
- (B) 98 m/s^2
- (C) 3.0 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q591. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Boyle's law
- (B) Newton's law
- (C) Hooke's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q592. The pH of a neutral solution at 25 C is

- (A) 14
- (B) 0
- (C) 1
- (D) 7

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q593. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin A
- (B) Vitamin C
- (C) Vitamin D
- (D) Vitamin K

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q594. Which law states that current is directly proportional to voltage at constant temperature?

- (A) Newton's law
- (B) Boyle's law
- (C) Hooke's law
- (D) Ohm's law

Answer: D

Explanation: Ohm's law gives $V = IR$.

Q595. The pH of a neutral solution at 25 C is

- (A) 1
- (B) 7
- (C) 0
- (D) 14

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q596. Which particle has a negative electric charge?

- (A) electron
- (B) proton
- (C) alpha particle
- (D) neutron

Answer: A

Explanation: Electrons carry negative charge.

Q597. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 98 m/s^2
- (C) 0.98 m/s^2
- (D) 9.8 m/s^2

Answer: D

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Q598. The chemical formula of common salt is

- (A) KCl
- (B) Na_2CO_3
- (C) CaCO_3
- (D) NaCl

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q599. Which vitamin is synthesized in skin on exposure to sunlight?

- (A) Vitamin K
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin A

Answer: B

Explanation: Sunlight helps the skin synthesize vitamin D.

Q600. Acceleration due to gravity near Earth's surface is approximately

- (A) 9.8 m/s^2
- (B) 3.0 m/s^2
- (C) 98 m/s^2
- (D) 0.98 m/s^2

Answer: A

Explanation: Near Earth's surface, g is approximately 9.8 m/s^2 .

Mathematics

Q601. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: D

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

Q602. Two quantities are in the ratio 7:9. If their total is 176, what is the first quantity?

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

Answer: B

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

Q603. Find the average of 80, 67, 14, 57, 50.

- (A) 55.6
- (B) 53.6
- (C) 67.0
- (D) 51.6

Answer: B

Explanation: Average = sum / count = $268/5 = 53.6$.

Q604. A can finish a work in 20 days and B in 24 days. In how many days can they finish it together?

- (A) 120.0
- (B) 10.91
- (C) 4
- (D) 22.0

Answer: B

Explanation: Combined rate = $1/20 + 1/24 = (44)/480$; time = $480/44 = 10.91$ days.

Q605. Two quantities are in the ratio 2:3. If their total is 60, what is the first quantity?

- (A) 24
- (B) 12
- (C) 36
- (D) 60

Answer: A

Explanation: Total parts = 5. One part = $60/5 = 12$; first quantity = $2 \times 12 = 24$.

Q606. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 17
- (B) 51
- (C) 119
- (D) 68

Answer: B

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51$.

Q607. Find the simple interest on Rs. 2000 at 8% per annum for 3 years.

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

Answer: D

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

Q608. What is 10% of 600?

- (A) 30.0
- (B) 120.0
- (C) 90.0
- (D) 60

Answer: D

Explanation: $10\% \text{ of } 600 = \frac{10}{100} \times 600 = 60.$

Q609. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

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

Answer: D

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

Q610. Find the average of 15, 59, 56, 64, 47.

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

Answer: B

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

Q611. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

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

Answer: D

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

Q612. Find the simple interest on Rs. 1000 at 8% per annum for 2 years.

- (A) 260
- (B) 80
- (C) 160
- (D) 60

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 8 \times 2}{100} = \text{Rs. } 160.$

Q613. A vehicle travels at 45 km/h for 2 hours. What distance does it cover?

- (A) 90
- (B) 47
- (C) 112.5
- (D) 22.5

Answer: A

Explanation: Distance = speed x time = $45 \times 2 = 90$ km.

Q614. Two quantities are in the ratio 3:4. If their total is 35, what is the first quantity?

- (A) 15
- (B) 5
- (C) 20
- (D) 35

Answer: A

Explanation: Total parts = 7. One part = $35/7 = 5$; first quantity = $3 \times 5 = 15$.

Q615. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: C

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

Q616. Find the average of 36, 21, 20, 80, 67.

- (A) 44.8
- (B) 46.8
- (C) 42.8
- (D) 56.0

Answer: A

Explanation: Average = sum / count = $224/5 = 44.8$.

Q617. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 90.0
- (B) 72
- (C) 38
- (D) 18.0

Answer: B

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q618. Find the simple interest on Rs. 2500 at 8% per annum for 2 years.

- (A) 400
- (B) 650
- (C) 150
- (D) 200

Answer: A

Explanation: SI = $PRT/100 = 2500 \times 8 \times 2/100 = \text{Rs. } 400$.

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

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

Answer: C

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

Q620. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

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

Answer: A

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

Q621. Find the average of 33, 52, 19, 20, 16.

- (A) 26
- (B) 28
- (C) 35.0
- (D) 30

Answer: B

Explanation: Average = sum / count = $140/5 = 28$.

Q622. What is 30% of 240?

- (A) 60.0
- (B) 96.0
- (C) 72
- (D) 84.0

Answer: C

Explanation: 30% of 240 = $(30/100) \times 240 = 72$.

Q623. What is 10% of 360?

- (A) 54.0
- (B) 72.0
- (C) 18.0
- (D) 36

Answer: D

Explanation: 10% of 360 = $(10/100) \times 360 = 36$.

Q624. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

Explanation: Combined rate = $1/18 + 1/30 = (48)/540$; time = $540/48 = 11.25$ days.

Q625. What is 25% of 120?

- (A) 24.0
- (B) 30
- (C) 36.0
- (D) 42.0

Answer: B

Explanation: $25\% \text{ of } 120 = (25/100) \times 120 = 30$.

Q626. Find the average of 10, 78, 62, 22, 78.

- (A) 62.5
- (B) 50
- (C) 48
- (D) 52

Answer: B

Explanation: $\text{Average} = \text{sum} / \text{count} = 250/5 = 50$.

Q627. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 135.0
- (B) 47.5
- (C) 18.0
- (D) 112.5

Answer: D

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 45 \times 2.5 = 112.5 \text{ km}$.

Q628. Find the simple interest on Rs. 1000 at 8% per annum for 4 years.

- (A) 420
- (B) 220
- (C) 320
- (D) 80

Answer: C

Explanation: $\text{SI} = \text{PRT}/100 = 1000 \times 8 \times 4/100 = \text{Rs. } 320$.

Q629. Find the simple interest on Rs. 2500 at 8% per annum for 2 years.

- (A) 150
- (B) 200
- (C) 400
- (D) 650

Answer: C

Explanation: $\text{SI} = \text{PRT}/100 = 2500 \times 8 \times 2/100 = \text{Rs. } 400$.

Q630. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 216
- (B) 75
- (C) 252.0
- (D) 24.0

Answer: A

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 72 \times 3 = 216 \text{ km}$.

Q631. What is 35% of 360?

- (A) 126
- (B) 162.0
- (C) 144.0
- (D) 108.0

Answer: A

Explanation: $35\% \text{ of } 360 = (35/100) \times 360 = 126.$

Q632. Find the average of 54, 63, 38, 59, 72.

- (A) 71.5
- (B) 59.2
- (C) 57.2
- (D) 55.2

Answer: C

Explanation: $\text{Average} = \text{sum} / \text{count} = 286/5 = 57.2.$

Q633. What is 50% of 160?

- (A) 88.0
- (B) 72.0
- (C) 80
- (D) 96.0

Answer: C

Explanation: $50\% \text{ of } 160 = (50/100) \times 160 = 80.$

Q634. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 672
- (B) 612
- (C) 624
- (D) 528.0

Answer: A

Explanation: $\text{Selling price} = 600 \times (1 + 12/100) = \text{Rs. } 672.$

Q635. Find the average of 50, 52, 43, 34, 71.

- (A) 62.5
- (B) 52
- (C) 48
- (D) 50

Answer: D

Explanation: $\text{Average} = \text{sum} / \text{count} = 250/5 = 50.$

Q636. What is 40% of 200?

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

Answer: B

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

Q637. What is 35% of 480?

- (A) 216.0
- (B) 192.0
- (C) 168
- (D) 144.0

Answer: C

Explanation: $35\% \text{ of } 480 = (35/100) \times 480 = 168.$

Q638. Find the average of 51, 67, 53, 55, 54.

- (A) 70.0
- (B) 58
- (C) 54
- (D) 56

Answer: D

Explanation: $\text{Average} = \text{sum} / \text{count} = 280/5 = 56.$

Q639. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q640. Find the simple interest on Rs. 4000 at 5% per annum for 2 years.

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

Answer: D

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

Q641. What is 30% of 180?

- (A) 63.0
- (B) 72.0
- (C) 54
- (D) 45.0

Answer: C

Explanation: $30\% \text{ of } 180 = (30/100) \times 180 = 54.$

Q642. Find the simple interest on Rs. 1200 at 6% per annum for 3 years.

- (A) 96
- (B) 336
- (C) 216
- (D) 72

Answer: C

Explanation: $\text{SI} = \text{PRT}/100 = 1200 \times 6 \times 3/100 = \text{Rs. } 216.$

Q643. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 64
- (B) 270.0
- (C) 240
- (D) 15.0

Answer: C

Explanation: Distance = speed x time = $60 \times 4 = 240$ km.

Q644. What is 35% of 300?

- (A) 120.0
- (B) 105
- (C) 90.0
- (D) 135.0

Answer: B

Explanation: 35% of 300 = $(35/100) \times 300 = 105$.

Q645. What is 30% of 400?

- (A) 140.0
- (B) 100.0
- (C) 160.0
- (D) 120

Answer: D

Explanation: 30% of 400 = $(30/100) \times 400 = 120$.

Q646. Two quantities are in the ratio 3:4. If their total is 98, what is the first quantity?

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

Answer: C

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

Q647. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q648. A vehicle travels at 40 km/h for 2 hours. What distance does it cover?

- (A) 20.0
- (B) 42
- (C) 80
- (D) 100.0

Answer: C

Explanation: Distance = speed x time = $40 \times 2 = 80$ km.

Q649. Find the simple interest on Rs. 2500 at 6% per annum for 3 years.

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

Answer: C

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

Q650. 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 = $\frac{1}{6} + \frac{1}{20} = \frac{26}{120}$; time = $\frac{120}{26} = 4.62$ days.

Q651. What is 60% of 360?

- (A) 198.0
- (B) 252.0
- (C) 234.0
- (D) 216

Answer: D

Explanation: 60% of 360 = $\frac{60}{100} \times 360 = 216.$

Q652. What is 60% of 160?

- (A) 104.0
- (B) 96
- (C) 88.0
- (D) 112.0

Answer: B

Explanation: 60% of 160 = $\frac{60}{100} \times 160 = 96.$

Q653. Find the simple interest on Rs. 3000 at 10% per annum for 4 years.

- (A) 900
- (B) 1200
- (C) 1500
- (D) 300

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 10 \times 4}{100} = \text{Rs. } 1200.$

Q654. An item costs Rs. 600. At a profit of 15%, what is the selling price?

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

Answer: B

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

Q655. Two quantities are in the ratio 3:4. If their total is 98, what is the first quantity?

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

Answer: A

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

Q656. Find the average of 29, 61, 69, 74, 18.

- (A) 62.8
- (B) 50.2
- (C) 48.2
- (D) 52.2

Answer: B

Explanation: Average = sum / count = $251/5 = 50.2$.

Q657. An item costs Rs. 320. At a profit of 30%, what is the selling price?

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

Answer: C

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

Q658. Find the simple interest on Rs. 2500 at 6% per annum for 4 years.

- (A) 150
- (B) 350
- (C) 600
- (D) 850

Answer: C

Explanation: $SI = \frac{PRT}{100} = 2500 \times 6 \times 4/100 = \text{Rs. } 600$.

Q659. Two quantities are in the ratio 4:5. If their total is 162, what is the first quantity?

- (A) 72
- (B) 18
- (C) 90
- (D) 162

Answer: A

Explanation: Total parts = 9. One part = $162/9 = 18$; first quantity = $4 \times 18 = 72$.

Q660. Find the average of 48, 22, 58, 34, 71.

- (A) 48.6
- (B) 44.6
- (C) 58.2
- (D) 46.6

Answer: D

Explanation: Average = sum / count = $233/5 = 46.6$.

Q661. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 112.5
- (B) 18.0
- (C) 135.0
- (D) 47.5

Answer: A

Explanation: Distance = speed x time = $45 \times 2.5 = 112.5$ km.

Q662. Two quantities are in the ratio 7:9. If their total is 240, what is the first quantity?

- (A) 30
- (B) 135
- (C) 240
- (D) 105

Answer: D

Explanation: Total parts = 16. One part = $240/16 = 15$; first quantity = $7 \times 15 = 105$.

Q663. An item costs Rs. 200. At a profit of 30%, what is the selling price?

- (A) 140.0
- (B) 230
- (C) 305
- (D) 260

Answer: D

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

Q664. Find the simple interest on Rs. 4000 at 6% per annum for 2 years.

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

Answer: D

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

Q665. Find the simple interest on Rs. 1200 at 10% per annum for 2 years.

- (A) 360
- (B) 120
- (C) 181
- (D) 240

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 10 \times 2/100 = \text{Rs. } 240$.

Q666. What is 40% of 300?

- (A) 135.0
- (B) 105.0
- (C) 150.0
- (D) 120

Answer: D

Explanation: 40% of 300 = $(40/100) \times 300 = 120$.

Q667. Two quantities are in the ratio 4:5. If their total is 72, what is the first quantity?

- (A) 32
- (B) 8
- (C) 72
- (D) 40

Answer: A

Explanation: Total parts = 9. One part = $72/9 = 8$; first quantity = $4 \times 8 = 32$.

Q668. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 38.5
- (B) 14.4
- (C) 90
- (D) 108.0

Answer: C

Explanation: Distance = speed $\times$ time = $36 \times 2.5 = 90$ km.

Q669. Find the simple interest on Rs. 4000 at 5% per annum for 3 years.

- (A) 200
- (B) 635
- (C) 1000
- (D) 600

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{4000 \times 5 \times 3}{100} = \text{Rs. } 600$.

Q670. 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 = $250 \times (1 + \frac{12}{100}) = \text{Rs. } 280$.

Q671. What is 5% of 750?

- (A) 75.0
- (B) 0
- (C) 112.5
- (D) 37.5

Answer: D

Explanation: $5\% \text{ of } 750 = (\frac{5}{100}) \times 750 = 37.5$.

Q672. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 54
- (B) 225.0
- (C) 200
- (D) 12.5

Answer: C

Explanation: Distance = speed $\times$ time = $50 \times 4 = 200$ km.

Q673. Two quantities are in the ratio 7:9. If their total is 288, what is the first quantity?

- (A) 36
- (B) 162
- (C) 126
- (D) 288

Answer: C

Explanation: Total parts = 16. One part = $288/16 = 18$; first quantity = $7 \times 18 = 126$.

Q674. Two quantities are in the ratio 2:3. If their total is 45, what is the first quantity?

- (A) 45
- (B) 18
- (C) 27
- (D) 9

Answer: B

Explanation: Total parts = 5. One part = $45/5 = 9$; first quantity = $2 \times 9 = 18$.

Q675. 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) 8.57
- (C) 17.5
- (D) 300.0

Answer: B

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

Q676. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

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

Answer: C

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

Q677. What is 20% of 500?

- (A) 125.0
- (B) 75.0
- (C) 150.0
- (D) 100

Answer: D

Explanation: 20% of 500 = $(20/100) \times 500 = 100$.

Q678. Two quantities are in the ratio 3:5. If their total is 56, what is the first quantity?

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

Answer: B

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

Q679. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 45
- (B) 25
- (C) 20
- (D) 5

Answer: C

Explanation: Total parts = 9. One part = $45/9 = 5$; first quantity = $4 \times 5 = 20$.

Q680. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 216
- (B) 13.5
- (C) 243.0
- (D) 58

Answer: A

Explanation: Distance = speed $\times$ time = $54 \times 4 = 216$ km.

Q681. A can finish a work in 15 days and B in 15 days. In how many days can they finish it together?

- (A) 7.5
- (B) 225.0
- (C) 0
- (D) 15.0

Answer: A

Explanation: Combined rate = $1/15 + 1/15 = (30)/225$; time = $225/30 = 7.5$ days.

Q682. An item costs Rs. 400. At a profit of 25%, what is the selling price?

- (A) 300.0
- (B) 500
- (C) 425
- (D) 450

Answer: B

Explanation: Selling price = $400 \times (1 + 25/100) = \text{Rs. } 500$.

Q683. An item costs Rs. 800. At a profit of 15%, what is the selling price?

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

Answer: A

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

Q684. A vehicle travels at 36 km/h for 4 hours. What distance does it cover?

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

Answer: B

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

Q685. A vehicle travels at 60 km/h for 2 hours. What distance does it cover?

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

Answer: A

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

Q686. 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 x time = $30 \times 2 = 60$ km.

Q687. Find the average of 78, 30, 36, 46, 30.

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

Answer: D

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

Q688. What is 12.5% of 450?

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

Answer: C

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

Q689. Find the simple interest on Rs. 3000 at 6% per annum for 4 years.

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

Answer: B

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

Q690. Find the simple interest on Rs. 1200 at 5% per annum for 3 years.

- (A) 180
- (B) 60
- (C) 300
- (D) 724

Answer: A

Explanation: SI = $PRT/100 = 1200 \times 5 \times 3/100 = \text{Rs. } 180$.

Q691. A can finish a work in 12 days and B in 12 days. In how many days can they finish it together?

- (A) 6.0
- (B) 12.0
- (C) 0
- (D) 144.0

Answer: A

Explanation: Combined rate = $1/12 + 1/12 = (24)/144$; time = $144/24 = 6.0$ days.

Q692. What is 50% of 240?

- (A) 120
- (B) 144.0
- (C) 108.0
- (D) 132.0

Answer: A

Explanation: 50% of 240 = $(50/100) \times 240 = 120$.

Q693. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

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

Q694. Find the simple interest on Rs. 2500 at 10% per annum for 4 years.

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

Answer: B

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

Q695. Find the average of 50, 54, 62, 31, 21.

- (A) 41.6
- (B) 43.6
- (C) 45.6
- (D) 54.5

Answer: B

Explanation: Average = sum / count = $218/5 = 43.6$.

Q696. A can finish a work in 20 days and B in 20 days. In how many days can they finish it together?

- (A) 20.0
- (B) 0
- (C) 400.0
- (D) 10.0

Answer: D

Explanation: Combined rate = $1/20 + 1/20 = (40)/400$; time = $400/40 = 10.0$ days.

Q697. What is 5% of 240?

- (A) 0
- (B) 12
- (C) 36.0
- (D) 24.0

Answer: B

Explanation: $5\% \text{ of } 240 = (5/100) \times 240 = 12.$

Q698. Find the simple interest on Rs. 2000 at 12% per annum for 2 years.

- (A) 480
- (B) 280
- (C) 240
- (D) 680

Answer: A

Explanation: $SI = PRT/100 = 2000 \times 12 \times 2/100 = \text{Rs. } 480.$

Q699. Two quantities are in the ratio 3:4. If their total is 105, what is the first quantity?

- (A) 15
- (B) 60
- (C) 45
- (D) 105

Answer: C

Explanation: Total parts = 7. One part = $105/7 = 15$; first quantity = $3 \times 15 = 45.$

Q700. Find the average of 43, 62, 57, 59, 65.

- (A) 59.2
- (B) 71.5
- (C) 55.2
- (D) 57.2

Answer: D

Explanation: Average = sum / count = $286/5 = 57.2.$

Q701. Find the simple interest on Rs. 1500 at 10% per annum for 4 years.

- (A) 150
- (B) 750
- (C) 450
- (D) 600

Answer: D

Explanation: $SI = PRT/100 = 1500 \times 10 \times 4/100 = \text{Rs. } 600.$

Q702. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 2
- (B) 19.0
- (C) 360.0
- (D) 9.47

Answer: D

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

Q703. A vehicle travels at 72 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q704. A can finish a work in 18 days and B in 15 days. In how many days can they finish it together?

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

Answer: A

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

Q705. Find the simple interest on Rs. 3000 at 6% per annum for 4 years.

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

Answer: C

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

Q706. A can finish a work in 6 days and B in 30 days. In how many days can they finish it together?

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

Answer: B

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

Q707. Find the simple interest on Rs. 1500 at 12% per annum for 2 years.

- (A) 360
- (B) 210
- (C) 510
- (D) 180

Answer: A

Explanation: $SI = PRT/100 = 1500 \times 12 \times 2/100 = \text{Rs. } 360$.

Q708. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 4.62
- (B) 14
- (C) 13.0
- (D) 8.57

Answer: A

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q709. Find the simple interest on Rs. 1000 at 12% per annum for 3 years.

- (A) 460
- (B) 360
- (C) 120
- (D) 260

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 12 \times 3}{100} = \text{Rs. } 360.$

Q710. Find the simple interest on Rs. 1500 at 10% per annum for 2 years.

- (A) 150
- (B) 305
- (C) 300
- (D) 450

Answer: C

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

Q711. A vehicle travels at 45 km/h for 2 hours. What distance does it cover?

- (A) 22.5
- (B) 112.5
- (C) 90
- (D) 47

Answer: C

Explanation: Distance = speed x time = $45 \times 2 = 90$ km.

Q712. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q713. What is 50% of 300?

- (A) 135.0
- (B) 165.0
- (C) 150
- (D) 180.0

Answer: C

Explanation: 50% of 300 = $\frac{50}{100} \times 300 = 150.$

Q714. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: B

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

Q715. An item costs Rs. 800. At a profit of 25%, what is the selling price?

- (A) 825
- (B) 850
- (C) 600.0
- (D) 1000

Answer: D

Explanation: Selling price = $800 \times (1 + 25/100) = \text{Rs. } 1000$.

Q716. An item costs Rs. 400. At a profit of 15%, what is the selling price?

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

Answer: D

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

Q717. Two quantities are in the ratio 2:3. If their total is 50, what is the first quantity?

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

Answer: B

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

Q718. Find the average of 18, 80, 44, 70, 76.

- (A) 59.6
- (B) 55.6
- (C) 72.0
- (D) 57.6

Answer: D

Explanation: Average = sum / count = $288/5 = 57.6$.

Q719. Find the simple interest on Rs. 3000 at 8% per annum for 3 years.

- (A) 420
- (B) 1020
- (C) 240
- (D) 720

Answer: D

Explanation: $SI = PRT/100 = 3000 \times 8 \times 3/100 = \text{Rs. } 720$.

Q720. Find the average of 54, 30, 16, 55, 15.

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

Answer: B

Explanation: Average = sum / count = $170/5 = 34$.

Q721. What is 25% of 800?

- (A) 200
- (B) 240.0
- (C) 280.0
- (D) 160.0

Answer: A

Explanation: $25\% \text{ of } 800 = (25/100) \times 800 = 200$.

Q722. A can finish a work in 12 days and B in 15 days. In how many days can they finish it together?

- (A) 13.5
- (B) 3
- (C) 60.0
- (D) 6.67

Answer: D

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

Q723. 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.

Q724. Two quantities are in the ratio 2:3. If their total is 50, what is the first quantity?

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

Answer: D

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

Q725. An item costs Rs. 500. At a profit of 25%, what is the selling price?

- (A) 550
- (B) 625
- (C) 525
- (D) 375.0

Answer: B

Explanation: Selling price = $500 \times (1 + 25/100) = \text{Rs. } 625$.

Q726. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

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

Answer: B

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

Q727. Find the simple interest on Rs. 1500 at 12% per annum for 4 years.

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

Answer: D

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

Q728. Two quantities are in the ratio 3:5. If their total is 72, what is the first quantity?

- (A) 18
- (B) 27
- (C) 45
- (D) 72

Answer: B

Explanation: Total parts = 8. One part = $72/8 = 9$; first quantity = $3 \times 9 = 27$.

Q729. Two quantities are in the ratio 2:3. If their total is 30, what is the first quantity?

- (A) 18
- (B) 6
- (C) 30
- (D) 12

Answer: D

Explanation: Total parts = 5. One part = $30/5 = 6$; first quantity = $2 \times 6 = 12$.

Q730. Find the average of 51, 13, 34, 55, 21.

- (A) 32.8
- (B) 43.5
- (C) 36.8
- (D) 34.8

Answer: D

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{174}{5} = 34.8$.

Q731. What is 40% of 480?

- (A) 240.0
- (B) 216.0
- (C) 192
- (D) 168.0

Answer: C

Explanation: 40% of 480 = $\frac{40}{100} \times 480 = 192$.

Q732. Find the simple interest on Rs. 2000 at 6% per annum for 2 years.

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

Answer: B

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

Q733. An item costs Rs. 300. At a profit of 20%, what is the selling price?

- (A) 320
- (B) 340
- (C) 360
- (D) 240.0

Answer: C

Explanation: Selling price = $300 \times (1 + 20/100) = \text{Rs. } 360$.

Q734. What is 30% of 750?

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

Answer: C

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

Q735. A vehicle travels at 45 km/h for 2 hours. What distance does it cover?

- (A) 90
- (B) 47
- (C) 112.5
- (D) 22.5

Answer: A

Explanation: Distance = speed $\times$ time = $45 \times 2 = 90$ km.

Q736. A vehicle travels at 40 km/h for 3 hours. What distance does it cover?

- (A) 140.0
- (B) 43
- (C) 120
- (D) 13.33

Answer: C

Explanation: Distance = speed $\times$ time = $40 \times 3 = 120$ km.

Q737. Two quantities are in the ratio 3:5. If their total is 104, what is the first quantity?

- (A) 65
- (B) 104
- (C) 26
- (D) 39

Answer: D

Explanation: Total parts = 8. One part = $104/8 = 13$; first quantity = $3 \times 13 = 39$.

Q738. A can finish a work in 20 days and B in 15 days. In how many days can they finish it together?

- (A) 300.0
- (B) 8.57
- (C) 17.5
- (D) 5

Answer: B

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

Q739. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 180.0
- (B) 220
- (C) 61
- (D) 210

Answer: B

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

Q740. Find the simple interest on Rs. 2500 at 12% per annum for 2 years.

- (A) 300
- (B) 600
- (C) 850
- (D) 350

Answer: B

Explanation: $SI = PRT/100 = 2500 \times 12 \times 2/100 = \text{Rs. } 600$.

Q741. What is 75% of 400?

- (A) 280.0
- (B) 320.0
- (C) 340.0
- (D) 300

Answer: D

Explanation: $75\% \text{ of } 400 = (75/100) \times 400 = 300$.

Q742. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q743. Two quantities are in the ratio 4:5. If their total is 90, what is the first quantity?

- (A) 40
- (B) 90
- (C) 10
- (D) 50

Answer: A

Explanation: Total parts = 9. One part = $90/9 = 10$; first quantity = $4 \times 10 = 40$.

Q744. An item costs Rs. 500. At a profit of 15%, what is the selling price?

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

Answer: D

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

Q745. An item costs Rs. 500. At a profit of 25%, what is the selling price?

- (A) 525
- (B) 550
- (C) 375.0
- (D) 625

Answer: D

Explanation: Selling price = $500 \times (1 + 25/100) = \text{Rs. } 625$.

Q746. Two quantities are in the ratio 3:4. If their total is 84, what is the first quantity?

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

Answer: B

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

Q747. A can finish a work in 12 days and B in 12 days. In how many days can they finish it together?

- (A) 6.0
- (B) 0
- (C) 12.0
- (D) 144.0

Answer: A

Explanation: Combined rate = $1/12 + 1/12 = (24)/144$; time = $144/24 = 6.0$ days.

Q748. 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) 18.0
- (D) 7.5

Answer: B

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

Q749. What is 40% of 360?

- (A) 162.0
- (B) 126.0
- (C) 180.0
- (D) 144

Answer: D

Explanation: 40% of 360 = $(40/100) \times 360 = 144$.

Q750. An item costs Rs. 750. At a profit of 15%, what is the selling price?

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

Answer: A

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

Q751. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 38
- (B) 90.0
- (C) 72
- (D) 18.0

Answer: C

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q752. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 8.57
- (B) 14
- (C) 4.62
- (D) 13.0

Answer: C

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q753. An item costs Rs. 320. At a profit of 10%, what is the selling price?

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

Answer: D

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

Q754. Two quantities are in the ratio 7:9. If their total is 240, what is the first quantity?

- (A) 105
- (B) 30
- (C) 240
- (D) 135

Answer: A

Explanation: Total parts = 16. One part = $240/16 = 15$; first quantity = $7 \times 15 = 105$.

Q755. An item costs Rs. 320. At a profit of 12%, what is the selling price?

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

Answer: D

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

Q756. Find the average of 16, 42, 41, 13, 60.

- (A) 43.0
- (B) 36.4
- (C) 32.4
- (D) 34.4

Answer: D

Explanation: Average = sum / count = $172/5 = 34.4$.

Q757. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q758. A vehicle travels at 36 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q759. An item costs Rs. 500. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q760. Two quantities are in the ratio 5:7. If their total is 204, what is the first quantity?

- (A) 34
- (B) 85
- (C) 119
- (D) 204

Answer: B

Explanation: Total parts = 12. One part = $204/12 = 17$; first quantity = $5 \times 17 = 85$.

Q761. A vehicle travels at 60 km/h for 3 hours. What distance does it cover?

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

Answer: B

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

Q762. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

- (A) 119
- (B) 68
- (C) 17
- (D) 51

Answer: D

Explanation: Total parts = 7. One part = $119/7 = 17$; first quantity = $3 \times 17 = 51$.

Q763. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 344
- (B) 180.0
- (C) 210
- (D) 220

Answer: D

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

Q764. Find the simple interest on Rs. 1200 at 8% per annum for 2 years.

- (A) 192
- (B) 312
- (C) 72
- (D) 96

Answer: A

Explanation: $SI = PRT/100 = 1200 \times 8 \times 2/100 = \text{Rs. } 192$.

Q765. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

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

Q766. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

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

Answer: A

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

Q767. Find the simple interest on Rs. 5000 at 6% per annum for 4 years.

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

Answer: C

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

Q768. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q769. Find the simple interest on Rs. 2000 at 10% per annum for 4 years.

- (A) 200
- (B) 1000
- (C) 600
- (D) 800

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 10 \times 4}{100} = \text{Rs. } 800$.

Q770. Two quantities are in the ratio 5:7. If their total is 84, what is the first quantity?

- (A) 49
- (B) 14
- (C) 84
- (D) 35

Answer: D

Explanation: Total parts = 12. One part = $84/12 = 7$; first quantity = $5 \times 7 = 35$.

Q771. A can finish a work in 15 days and B in 15 days. In how many days can they finish it together?

- (A) 0
- (B) 7.5
- (C) 225.0
- (D) 15.0

Answer: B

Explanation: Combined rate = $\frac{1}{15} + \frac{1}{15} = \frac{(30)}{225}$; time = $225/30 = 7.5$ days.

Q772. Find the simple interest on Rs. 1200 at 10% per annum for 4 years.

- (A) 120
- (B) 480
- (C) 360
- (D) 600

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 10 \times 4}{100} = \text{Rs. } 480$.

Q773. What is 10% of 600?

- (A) 60
- (B) 30.0
- (C) 120.0
- (D) 90.0

Answer: A

Explanation: 10% of 600 = $\frac{(10)}{100} \times 600 = 60$.

Q774. Two quantities are in the ratio 5:7. If their total is 96, what is the first quantity?

- (A) 96
- (B) 40
- (C) 16
- (D) 56

Answer: B

Explanation: Total parts = 12. One part = $96/12 = 8$; first quantity = $5 \times 8 = 40$.

Q775. Find the average of 25, 29, 54, 35, 25.

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

Answer: A

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

Q776. Find the simple interest on Rs. 2000 at 8% per annum for 4 years.

- (A) 160
- (B) 640
- (C) 440
- (D) 840

Answer: B

Explanation: SI = $PRT/100 = 2000 \times 8 \times 4/100 = \text{Rs. } 640$.

Q777. Two quantities are in the ratio 5:7. If their total is 180, what is the first quantity?

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

Answer: B

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

Q778. Find the average of 22, 15, 44, 64, 76.

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

Answer: B

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

Q779. Find the average of 56, 65, 55, 47, 17.

- (A) 60.0
- (B) 46
- (C) 50
- (D) 48

Answer: D

Explanation: Average = sum / count = $240/5 = 48$.

Q780. Two quantities are in the ratio 5:7. If their total is 84, what is the first quantity?

- (A) 49
- (B) 84
- (C) 14
- (D) 35

Answer: D

Explanation: Total parts = 12. One part = $84/12 = 7$; first quantity = $5 \times 7 = 35$.

Q781. An item costs Rs. 400. At a profit of 25%, what is the selling price?

- (A) 300.0
- (B) 500
- (C) 425
- (D) 450

Answer: B

Explanation: Selling price = $400 \times (1 + 25/100) = \text{Rs. } 500$.

Q782. Find the simple interest on Rs. 1200 at 6% per annum for 2 years.

- (A) 144
- (B) 72
- (C) 24
- (D) 264

Answer: A

Explanation: $SI = PRT/100 = 1200 \times 6 \times 2/100 = \text{Rs. } 144$.

Q783. Find the average of 76, 78, 63, 29, 62.

- (A) 63.6
- (B) 61.6
- (C) 59.6
- (D) 77.0

Answer: B

Explanation: Average = sum / count = $308/5 = 61.6$.

Q784. Find the average of 65, 12, 55, 62, 43.

- (A) 47.4
- (B) 49.4
- (C) 59.2
- (D) 45.4

Answer: A

Explanation: Average = sum / count = $237/5 = 47.4$.

Q785. Two quantities are in the ratio 5:7. If their total is 216, what is the first quantity?

- (A) 90
- (B) 216
- (C) 36
- (D) 126

Answer: A

Explanation: Total parts = 12. One part = $216/12 = 18$; first quantity = $5 \times 18 = 90$.

Q786. Find the simple interest on Rs. 2000 at 12% per annum for 4 years.

- (A) 760
- (B) 1160
- (C) 960
- (D) 240

Answer: C

Explanation: $SI = PRT/100 = 2000 \times 12 \times 4/100 = \text{Rs. } 960$.

Q787. Find the simple interest on Rs. 2500 at 10% per annum for 3 years.

- (A) 1000
- (B) 750
- (C) 500
- (D) 250

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 10 \times 3}{100} = \text{Rs. } 750$.

Q788. An item costs Rs. 250. At a profit of 12%, what is the selling price?

- (A) 274
- (B) 220.0
- (C) 280
- (D) 262

Answer: C

Explanation: Selling price = $250 \times (1 + \frac{12}{100}) = \text{Rs. } 280$.

Q789. What is 5% of 800?

- (A) 40
- (B) 80.0
- (C) 0
- (D) 120.0

Answer: A

Explanation: 5% of 800 = $(\frac{5}{100}) \times 800 = 40$.

Q790. Two quantities are in the ratio 5:7. If their total is 180, what is the first quantity?

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

Answer: C

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

Q791. A vehicle travels at 36 km/h for 3 hours. What distance does it cover?

- (A) 12.0
- (B) 126.0
- (C) 108
- (D) 39

Answer: C

Explanation: Distance = speed $\times$ time = $36 \times 3 = 108$ km.

Q792. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 135.0
- (B) 34
- (C) 7.5
- (D) 120

Answer: D

Explanation: Distance = speed $\times$ time = $30 \times 4 = 120$ km.

Q793. Find the simple interest on Rs. 3000 at 10% per annum for 4 years.

- (A) 300
- (B) 900
- (C) 1200
- (D) 1500

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 10 \times 4}{100} = \text{Rs. } 1200$.

Q794. Find the simple interest on Rs. 2500 at 8% per annum for 3 years.

- (A) 350
- (B) 850
- (C) 600
- (D) 200

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 8 \times 3}{100} = \text{Rs. } 600$.

Q795. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{30} = \frac{(50)}{600}$; time = $\frac{600}{50} = 12.0$ days.

Q796. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 52
- (B) 125.0
- (C) 100
- (D) 25.0

Answer: C

Explanation: Distance = speed x time = $50 \times 2 = 100$ km.

Q797. What is 40% of 600?

- (A) 270.0
- (B) 210.0
- (C) 240
- (D) 300.0

Answer: C

Explanation: 40% of 600 = $\frac{(40)}{100} \times 600 = 240$.

Q798. Find the simple interest on Rs. 1500 at 5% per annum for 2 years.

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

Answer: A

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

Q799. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q800. Find the average of 36, 35, 41, 23, 21.

- (A) 31.2
- (B) 39.0
- (C) 29.2
- (D) 33.2

Answer: A

Explanation: Average = sum / count = $156/5 = 31.2$.

Q801. A vehicle travels at 60 km/h for 2.5 hours. What distance does it cover?

- (A) 24.0
- (B) 150
- (C) 180.0
- (D) 62.5

Answer: B

Explanation: Distance = speed x time = $60 \times 2.5 = 150$ km.

Q802. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 24.0
- (B) 252.0
- (C) 75
- (D) 216

Answer: D

Explanation: Distance = speed x time = $72 \times 3 = 216$ km.

Q803. Two quantities are in the ratio 3:4. If their total is 42, what is the first quantity?

- (A) 6
- (B) 18
- (C) 42
- (D) 24

Answer: B

Explanation: Total parts = 7. One part = $42/7 = 6$; first quantity = $3 \times 6 = 18$.

Q804. Find the simple interest on Rs. 1000 at 5% per annum for 2 years.

- (A) 1
- (B) 50
- (C) 200
- (D) 100

Answer: D

Explanation: SI = $PRT/100 = 1000 \times 5 \times 2/100 = \text{Rs. } 100$.

Q805. What is 20% of 800?

- (A) 120.0
- (B) 240.0
- (C) 160
- (D) 200.0

Answer: C

Explanation: $20\% \text{ of } 800 = (20/100) \times 800 = 160$.

Q806. Find the simple interest on Rs. 5000 at 5% per annum for 2 years.

- (A) 500
- (B) 250
- (C) 1000
- (D) 1

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 5 \times 2/100 = \text{Rs. } 500$.

Q807. Find the simple interest on Rs. 1200 at 6% per annum for 3 years.

- (A) 72
- (B) 336
- (C) 96
- (D) 216

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 6 \times 3/100 = \text{Rs. } 216$.

Q808. What is 30% of 320?

- (A) 96
- (B) 128.0
- (C) 112.0
- (D) 80.0

Answer: A

Explanation: $30\% \text{ of } 320 = (30/100) \times 320 = 96$.

Q809. A vehicle travels at 45 km/h for 3 hours. What distance does it cover?

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

Answer: B

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

Q810. An item costs Rs. 300. At a profit of 25%, what is the selling price?

- (A) 375
- (B) 225.0
- (C) 350
- (D) 325

Answer: A

Explanation: $\text{Selling price} = 300 \times (1 + 25/100) = \text{Rs. } 375$.

Q811. A can finish a work in 10 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

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

Q812. Find the average of 79, 24, 43, 34, 55.

- (A) 58.8
- (B) 47
- (C) 45
- (D) 49

Answer: B

Explanation: Average = sum / count = $235/5 = 47$.

Q813. What is 15% of 480?

- (A) 96.0
- (B) 72
- (C) 48.0
- (D) 120.0

Answer: B

Explanation: 15% of 480 = $(15/100) \times 480 = 72$.

Q814. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 16.67
- (B) 150
- (C) 53
- (D) 175.0

Answer: B

Explanation: Distance = speed x time = $50 \times 3 = 150$ km.

Q815. Find the average of 27, 70, 59, 50, 58.

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

Answer: A

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

Q816. Find the average of 66, 27, 80, 32, 24.

- (A) 57.2
- (B) 43.8
- (C) 45.8
- (D) 47.8

Answer: C

Explanation: Average = sum / count = $229/5 = 45.8$.

Q817. Two quantities are in the ratio 3:5. If their total is 48, what is the first quantity?

- (A) 18
- (B) 48
- (C) 30
- (D) 12

Answer: A

Explanation: Total parts = 8. One part = $48/8 = 6$; first quantity = $3 \times 6 = 18$.

Q818. Two quantities are in the ratio 5:7. If their total is 144, what is the first quantity?

- (A) 24
- (B) 84
- (C) 144
- (D) 60

Answer: D

Explanation: Total parts = 12. One part = $144/12 = 12$; first quantity = $5 \times 12 = 60$.

Q819. 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) 4.8
- (D) 18

Answer: C

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

Q820. An item costs Rs. 750. At a profit of 12%, what is the selling price?

- (A) 660.0
- (B) 762
- (C) 774
- (D) 840

Answer: D

Explanation: Selling price = $750 \times (1 + 12/100) = \text{Rs. } 840$.

Q821. What is 60% of 240?

- (A) 144
- (B) 132.0
- (C) 168.0
- (D) 156.0

Answer: A

Explanation: 60% of 240 = $(60/100) \times 240 = 144$.

Q822. An item costs Rs. 500. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q823. Two quantities are in the ratio 4:5. If their total is 144, what is the first quantity?

- (A) 80
- (B) 144
- (C) 16
- (D) 64

Answer: D

Explanation: Total parts = 9. One part = $144/9 = 16$; first quantity = $4 \times 16 = 64$.

Q824. A vehicle travels at 60 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q825. 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.

Q826. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q827. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: A

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

Q828. An item costs Rs. 500. At a profit of 12%, what is the selling price?

- (A) 440.0
- (B) 524
- (C) 512
- (D) 560

Answer: D

Explanation: Selling price = $500 \times (1 + 12/100) = \text{Rs. } 560$.

Q829. Find the simple interest on Rs. 1200 at 10% per annum for 4 years.

- (A) 120
- (B) 360
- (C) 480
- (D) 600

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 10 \times 4}{100} = \text{Rs. } 480.$

Q830. A can finish a work in 8 days and B in 30 days. In how many days can they finish it together?

- (A) 6.32
- (B) 19.0
- (C) 22
- (D) 10.91

Answer: A

Explanation: Combined rate = $\frac{1}{8} + \frac{1}{30} = \frac{38}{240}$; time = $\frac{240}{38} = 6.32$ days.

Q831. Two quantities are in the ratio 7:9. If their total is 144, what is the first quantity?

- (A) 18
- (B) 144
- (C) 81
- (D) 63

Answer: D

Explanation: Total parts = 16. One part = $\frac{144}{16} = 9$; first quantity = $7 \times 9 = 63$.

Q832. Find the average of 10, 31, 76, 65, 66.

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

Answer: D

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{248}{5} = 49.6$.

Q833. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q834. An item costs Rs. 500. At a profit of 15%, what is the selling price?

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

Answer: B

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

Q835. Two quantities are in the ratio 3:4. If their total is 112, what is the first quantity?

- (A) 112
- (B) 64
- (C) 16
- (D) 48

Answer: D

Explanation: Total parts = 7. One part = $112/7 = 16$; first quantity = $3 \times 16 = 48$.

Q836. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 270.0
- (B) 15.0
- (C) 240
- (D) 64

Answer: C

Explanation: Distance = speed $\times$ time = $60 \times 4 = 240$ km.

Q837. Two quantities are in the ratio 4:5. If their total is 144, what is the first quantity?

- (A) 144
- (B) 64
- (C) 16
- (D) 80

Answer: B

Explanation: Total parts = 9. One part = $144/9 = 16$; first quantity = $4 \times 16 = 64$.

Q838. Two quantities are in the ratio 2:3. If their total is 90, what is the first quantity?

- (A) 54
- (B) 18
- (C) 90
- (D) 36

Answer: D

Explanation: Total parts = 5. One part = $90/5 = 18$; first quantity = $2 \times 18 = 36$.

Q839. A vehicle travels at 54 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q840. What is 10% of 320?

- (A) 64.0
- (B) 16.0
- (C) 32
- (D) 48.0

Answer: C

Explanation: 10% of 320 = $(10/100) \times 320 = 32$.

Q841. An item costs Rs. 250. At a profit of 12%, what is the selling price?

- (A) 220.0
- (B) 280
- (C) 274
- (D) 262

Answer: B

Explanation: Selling price = $250 \times (1 + 12/100) = \text{Rs. } 280$.

Q842. A can finish a work in 18 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

Explanation: Combined rate = $1/18 + 1/30 = (48)/540$; time = $540/48 = 11.25$ days.

Q843. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: B

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

Q844. A can finish a work in 20 days and B in 20 days. In how many days can they finish it together?

- (A) 20.0
- (B) 400.0
- (C) 10.0
- (D) 0

Answer: C

Explanation: Combined rate = $1/20 + 1/20 = (40)/400$; time = $400/40 = 10.0$ days.

Q845. Find the average of 53, 46, 38, 80, 57.

- (A) 56.8
- (B) 52.8
- (C) 68.5
- (D) 54.8

Answer: D

Explanation: Average = sum / count = $274/5 = 54.8$.

Q846. Find the simple interest on Rs. 3000 at 8% per annum for 2 years.

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

Answer: B

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

Q847. A vehicle travels at 60 km/h for 2.5 hours. What distance does it cover?

- (A) 180.0
- (B) 62.5
- (C) 24.0
- (D) 150

Answer: D

Explanation: Distance = speed x time = $60 \times 2.5 = 150$ km.

Q848. What is 40% of 250?

- (A) 87.5
- (B) 100
- (C) 112.5
- (D) 125.0

Answer: B

Explanation: 40% of 250 = $(40/100) \times 250 = 100$.

Q849. An item costs Rs. 240. At a profit of 10%, what is the selling price?

- (A) 264
- (B) 216.0
- (C) 250
- (D) 260

Answer: A

Explanation: Selling price = $240 \times (1 + 10/100) = \text{Rs. } 264$.

Q850. A can finish a work in 15 days and B in 24 days. In how many days can they finish it together?

- (A) 9
- (B) 40.0
- (C) 9.23
- (D) 19.5

Answer: C

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

Reasoning

Q851. Find the next number: 2, 5, 8, 11, 14, ?

- (A) 17
- (B) 23
- (C) 14
- (D) 20

Answer: A

Explanation: The sequence increases by 3 each time, so the next number is $14 + 3 = 17$.

Q852. 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.

Q853. 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.

Q854. Find the next number: 16, 19, 22, 25, 28, ?

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

Answer: B

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

Q855. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: B

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

Q856. 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.

Q857. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q858. 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.

Q859. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: B

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

Q860. Choose the odd one out.

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

Answer: D

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

Q861. 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.

Q862. 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.

Q863. A person walks 9 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q864. A person walks 9 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q865. A person walks 8 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q866. 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.

Q867. 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.

Q868. A person walks 7 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q869. 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.

Q870. 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.

Q871. 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) 12.44
- (C) 7
- (D) 13

Answer: A

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

Q872. 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.

Q873. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: C

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

Q874. Find the next number: 16, 18, 20, 22, 24, ?

- (A) 28
- (B) 26
- (C) 30
- (D) 24

Answer: B

Explanation: The sequence increases by 2 each time, so the next number is $24 + 2 = 26$.

Q875. 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.

Q876. A person walks 5 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q877. 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.

Q878. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: A

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

Q879. 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.

Q880. 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.

Q881. A person walks 5 km north and then 4 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q882. 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.

Q883. Find the next number: 5, 8, 11, 14, 17, ?

- (A) 23
- (B) 17
- (C) 20
- (D) 26

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $17 + 3 = 20$.

Q884. 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.

Q885. 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.

Q886. 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.

Q887. 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.

Q888. Choose the odd one out.

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

Answer: D

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

Q889. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: C

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

Q890. Find the next number: 16, 20, 24, 28, 32, ?

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

Answer: B

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

Q891. A person walks 3 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q892. Find the next number: 18, 21, 24, 27, 30, ?

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

Answer: D

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

Q893. Find the next number: 9, 11, 13, 15, 17, ?

- (A) 19
- (B) 17
- (C) 23
- (D) 21

Answer: A

Explanation: The sequence increases by 2 each time, so the next number is $17 + 2 = 19$.

Q894. 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.

Q895. 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.

Q896. A person walks 7 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q897. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q898. 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.

Q899. 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.

Q900. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

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

Answer: D

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

Q901. 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.

Q902. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

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

Q903. Find the next number: 3, 12, 21, 30, 39, ?

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

Answer: B

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

Q904. A person walks 6 km north and then 7 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q905. Find the next number: 12, 21, 30, 39, 48, ?

- (A) 57
- (B) 66
- (C) 75
- (D) 48

Answer: A

Explanation: The sequence increases by 9 each time, so the next number is $48 + 9 = 57$.

Q906. 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.

Q907. Statements: All cats are animals. Some animals are wild. Conclusion: Some cats are wild.

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

Answer: B

Explanation: The wild animals need not be cats.

Q908. 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) 14.21
- (D) 12.21

Answer: D

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

Q909. Find the next number: 9, 12, 15, 18, 21, ?

- (A) 27
- (B) 30
- (C) 21
- (D) 24

Answer: D

Explanation: The sequence increases by 3 each time, so the next number is $21 + 3 = 24$.

Q910. 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.

Q911. 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.

Q912. 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.

Q913. 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.

Q914. 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.

Q915. 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.

Q916. 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.

Q917. 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.

Q918. 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.

Q919. 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.

Q920. A person walks 9 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q921. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: D

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

Q922. 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.

Q923. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q924. Find the next number: 9, 12, 15, 18, 21, ?

- (A) 30
- (B) 21
- (C) 24
- (D) 27

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $21 + 3 = 24$.

Q925. Statements: All pens are stationery. All stationery items are useful. Conclusion: All pens are useful.

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

Answer: A

Explanation: This follows directly by transitivity.

Q926. 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.

Q927. 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.

Q928. Choose the odd one out.

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

Answer: D

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

Q929. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: A

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

Q930. Find the next number: 6, 13, 20, 27, 34, ?

- (A) 55
- (B) 41
- (C) 34
- (D) 48

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $34 + 7 = 41$.

Q931. 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.

Q932. A person walks 4 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q933. A person walks 6 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q934. 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.

Q935. Find the next number: 20, 24, 28, 32, 36, ?

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

Answer: A

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

Q936. A person walks 7 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: B

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

Q937. 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.

Q938. A person walks 5 km north and then 3 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q939. 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.

Q940. 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.

Q941. Find the next number: 13, 16, 19, 22, 25, ?

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

Answer: B

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

Q942. 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.

Q943. 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.

Q944. 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.

Q945. 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.

Q946. A person walks 6 km north and then 6 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q947. 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.

Q948. A person walks 9 km north and then 9 km east. What is the straight-line distance from the starting point?

- (A) 18
- (B) 12.73
- (C) 14.73
- (D) 0

Answer: B

Explanation: By Pythagoras, distance = $\sqrt{9^2 + 9^2} = 12.73$ km.

Q949. Find the next number: 4, 10, 16, 22, 28, ?

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

Answer: A

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

Q950. Find the next number: 17, 19, 21, 23, 25, ?

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

Answer: B

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

Q951. Find the next number: 16, 19, 22, 25, 28, ?

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

Answer: A

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

Q952. A person walks 9 km north and then 5 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q953. A person walks 4 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q954. 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.

Q955. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: D

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

Q956. 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.

Q957. 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.

Q958. A person walks 8 km north and then 10 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

Q959. 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) 15.45
- (D) 19

Answer: A

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

Q960. 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.

Q961. If each letter is replaced by the next letter of the alphabet, how is RAIL coded?

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

Answer: B

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

Q962. 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.

Q963. Statements: No squares are circles. Some figures are squares. Conclusion: Some figures are not circles.

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

Answer: A

Explanation: Any figure that is a square cannot be a circle.

Q964. Statements: All 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.

Q965. 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.

Q966. 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) 13
- (D) 1

Answer: A

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

Q967. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: A

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

Q968. Find the next number: 12, 17, 22, 27, 32, ?

- (A) 32
- (B) 47
- (C) 42
- (D) 37

Answer: D

Explanation: The sequence increases by 5 each time, so the next number is $32 + 5 = 37$.

Q969. A person walks 6 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: A

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

Q970. 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.

Q971. 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.

Q972. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: B

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

Q973. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: D

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

Q974. Find the next number: 14, 21, 28, 35, 42, ?

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

Answer: D

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

Q975. If each letter is replaced by the next letter of the alphabet, how is DOG coded?

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

Answer: A

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

Q976. 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.

Q977. Find the next number: 9, 16, 23, 30, 37, ?

- (A) 37
- (B) 44
- (C) 51
- (D) 58

Answer: B

Explanation: The sequence increases by 7 each time, so the next number is $37 + 7 = 44$.

Q978. 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.

Q979. 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.

Q980. Find the next number: 17, 24, 31, 38, 45, ?

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

Answer: C

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

Q981. 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.

Q982. 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.

Q983. 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.

Q984. 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.

Q985. 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.

Q986. If each letter is replaced by the next letter of the alphabet, how is CAT coded?

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

Answer: B

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

Q987. Find the next number: 4, 7, 10, 13, 16, ?

- (A) 25
- (B) 16
- (C) 19
- (D) 22

Answer: C

Explanation: The sequence increases by 3 each time, so the next number is $16 + 3 = 19$.

Q988. Find the next number: 10, 13, 16, 19, 22, ?

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

Answer: C

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

Q989. 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.

Q990. 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) 13.4
- (C) 2
- (D) 16

Answer: A

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

Q991. If each letter is replaced by the next letter of the alphabet, how is CODE coded?

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

Answer: A

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

Q992. If each letter is replaced by the next letter of the alphabet, how is BANK coded?

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

Answer: C

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

Q993. 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.

Q994. A person walks 10 km north and then 9 km east. What is the straight-line distance from the starting point?

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

Answer: D

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

Q995. Find the next number: 12, 16, 20, 24, 28, ?

- (A) 40
- (B) 32
- (C) 28
- (D) 36

Answer: B

Explanation: The sequence increases by 4 each time, so the next number is $28 + 4 = 32$.

Q996. 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.

Q997. If each letter is replaced by the next letter of the alphabet, how is MATH coded?

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

Answer: D

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

Q998. 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.

Q999. 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.

Q1000. A person walks 4 km north and then 8 km east. What is the straight-line distance from the starting point?

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

Answer: C

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

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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