

EXAMGURUX

Indian Navy Agniveer SSR 2027 - Practice Bank

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 Navy - Agniveer SSR examination framework (joinindiannavy.gov.in)

Coverage note: Based on the latest available SSR subject framework. Verify the official 2027 intake notification when released.

Section	Questions
English	250
Science	300
Mathematics	300
General Awareness	150

English

Q1. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) delay
- (C) acquire
- (D) lose

Answer: C

Explanation: Obtain means acquire or get.

Q2. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criterias
- (C) criterions
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q3. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) is admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q4. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) Honesty
- (D) admired

Answer: C

Explanation: Honesty is an abstract noun.

Q5. Choose the correctly spelled word.

- (A) acommodation
- (B) accommadation
- (C) accomodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q6. Choose the antonym of "ancient".

- (A) old
- (B) antique
- (C) historic
- (D) modern

Answer: D

Explanation: Ancient means very old; modern is its opposite.

Q7. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) is
- (C) is admired
- (D) admired

Answer: A

Explanation: Honesty is an abstract noun.

Q8. Choose the correctly spelled word.

- (A) accommadation
- (B) accomodation
- (C) acommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q9. Choose the correct plural of "criterion".

- (A) criterias
- (B) criterions
- (C) criteriones
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q10. Choose the antonym of "ancient".

- (A) historic
- (B) antique
- (C) modern
- (D) old

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q11. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) accomodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q12. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) reject
- (C) lose
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q13. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) going
- (C) gone
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q14. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) reject
- (C) delay
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q15. Choose the word closest in meaning to "obtain".

- (A) acquire
- (B) delay
- (C) lose
- (D) reject

Answer: A

Explanation: Obtain means acquire or get.

Q16. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) weak
- (D) late

Answer: A

Explanation: Rapid means quick or fast.

Q17. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) reject
- (C) lose
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q18. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q19. Choose the synonym of "rapid".

- (A) weak
- (B) late
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q20. Fill in the blank: She ____ to the office every day.

- (A) going
- (B) goes
- (C) gone
- (D) go

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q21. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) acquire
- (C) reject
- (D) delay

Answer: B

Explanation: Obtain means acquire or get.

Q22. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) late
- (D) weak

Answer: A

Explanation: Rapid means quick or fast.

Q23. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q24. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q25. Fill in the blank: She ____ to the office every day.

- (A) going
- (B) go
- (C) goes
- (D) gone

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q26. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteriones
- (C) criterions
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q27. Choose the correct article: He is ____ honest man.

- (A) an
- (B) no article
- (C) a
- (D) the

Answer: A

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q28. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) lose
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q29. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteria
- (C) criteriones
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q30. Choose the correctly spelled word.

- (A) accommodation
- (B) accommadation
- (C) acommodation
- (D) accomodation

Answer: A

Explanation: The correct spelling is accommodation.

Q31. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) go
- (C) going
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q32. Choose the correctly spelled word.

- (A) accommadation
- (B) accomodation
- (C) accommodation
- (D) acommodation

Answer: C

Explanation: The correct spelling is accommodation.

Q33. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) acquire
- (C) lose
- (D) delay

Answer: B

Explanation: Obtain means acquire or get.

Q34. Choose the correct article: He is ____ honest man.

- (A) no article
- (B) an
- (C) the
- (D) a

Answer: B

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q35. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) admired
- (C) Honesty
- (D) is admired

Answer: C

Explanation: Honesty is an abstract noun.

Q36. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) reject
- (C) acquire
- (D) lose

Answer: C

Explanation: Obtain means acquire or get.

Q37. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criteriones
- (D) criterias

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q38. Choose the correct article: He is ____ honest man.

- (A) a
- (B) the
- (C) an
- (D) no article

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q39. Choose the correct plural of "criterion".

- (A) criteria
- (B) criteriones
- (C) criterions
- (D) criterias

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q40. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) slow
- (D) quick

Answer: D

Explanation: Rapid means quick or fast.

Q41. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criteria
- (C) criterias
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q42. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) gone
- (C) going
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q43. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) gone
- (C) go
- (D) going

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q44. Choose the correctly spelled word.

- (A) accomodation
- (B) accomodation
- (C) accommodation
- (D) accommadation

Answer: C

Explanation: The correct spelling is accommodation.

Q45. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) going
- (C) gone
- (D) go

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q46. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) goes
- (C) go
- (D) going

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q47. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criteria
- (C) criterias
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q48. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) go
- (C) gone
- (D) going

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q49. Choose the synonym of "rapid".

- (A) slow
- (B) weak
- (C) quick
- (D) late

Answer: C

Explanation: Rapid means quick or fast.

Q50. Choose the antonym of "ancient".

- (A) modern
- (B) antique
- (C) old
- (D) historic

Answer: A

Explanation: Ancient means very old; modern is its opposite.

Q51. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) weak
- (D) late

Answer: A

Explanation: Rapid means quick or fast.

Q52. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) go
- (C) goes
- (D) going

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q53. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) going
- (C) gone
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q54. Choose the synonym of "rapid".

- (A) weak
- (B) late
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q55. Choose the correctly spelled word.

- (A) accomodation
- (B) accommodation
- (C) accommodation
- (D) accommadation

Answer: C

Explanation: The correct spelling is accommodation.

Q56. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) going
- (C) go
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q57. Choose the synonym of "rapid".

- (A) slow
- (B) quick
- (C) weak
- (D) late

Answer: B

Explanation: Rapid means quick or fast.

Q58. Choose the word closest in meaning to "obtain".

- (A) acquire
- (B) lose
- (C) reject
- (D) delay

Answer: A

Explanation: Obtain means acquire or get.

Q59. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) admired
- (D) is

Answer: B

Explanation: Honesty is an abstract noun.

Q60. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) weak
- (D) late

Answer: A

Explanation: Rapid means quick or fast.

Q61. Choose the word closest in meaning to "obtain".

- (A) acquire
- (B) reject
- (C) lose
- (D) delay

Answer: A

Explanation: Obtain means acquire or get.

Q62. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) reject
- (C) lose
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q63. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) admired
- (C) is admired
- (D) is

Answer: A

Explanation: Honesty is an abstract noun.

Q64. Choose the antonym of "ancient".

- (A) old
- (B) historic
- (C) modern
- (D) antique

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q65. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) admired
- (C) is admired
- (D) is

Answer: A

Explanation: Honesty is an abstract noun.

Q66. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteria
- (C) criterions
- (D) criteriones

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q67. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) delay
- (C) acquire
- (D) reject

Answer: C

Explanation: Obtain means acquire or get.

Q68. Choose the correct article: He is ____ honest man.

- (A) no article
- (B) the
- (C) a
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q69. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) admired
- (C) is
- (D) is admired

Answer: A

Explanation: Honesty is an abstract noun.

Q70. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) acquire
- (C) reject
- (D) delay

Answer: B

Explanation: Obtain means acquire or get.

Q71. Choose the correct article: He is ____ honest man.

- (A) a
- (B) an
- (C) the
- (D) no article

Answer: B

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q72. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteria
- (C) criterionones
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q73. Choose the correctly spelled word.

- (A) accommadation
- (B) accomodation
- (C) accommodation
- (D) accomodation

Answer: C

Explanation: The correct spelling is accommodation.

Q74. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) admired
- (D) is

Answer: B

Explanation: Honesty is an abstract noun.

Q75. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q76. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) gone
- (C) goes
- (D) going

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q77. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) Honesty
- (C) is
- (D) is admired

Answer: B

Explanation: Honesty is an abstract noun.

Q78. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) acquire
- (C) lose
- (D) reject

Answer: B

Explanation: Obtain means acquire or get.

Q79. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) is admired
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q80. Choose the synonym of "rapid".

- (A) quick
- (B) weak
- (C) late
- (D) slow

Answer: A

Explanation: Rapid means quick or fast.

Q81. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) Honesty
- (C) is admired
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q82. Choose the correct plural of "criterion".

- (A) criteria
- (B) criterions
- (C) criteriones
- (D) criterias

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q83. Choose the correct plural of "criterion".

- (A) criterions
- (B) criterias
- (C) criteriones
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q84. Choose the correctly spelled word.

- (A) accommodation
- (B) accomodation
- (C) accommadation
- (D) acommodation

Answer: A

Explanation: The correct spelling is accommodation.

Q85. Choose the correct plural of "criterion".

- (A) criteria
- (B) criterios
- (C) criterions
- (D) criterias

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q86. Choose the correct article: He is ____ honest man.

- (A) the
- (B) no article
- (C) an
- (D) a

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q87. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) is admired
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q88. Choose the synonym of "rapid".

- (A) weak
- (B) slow
- (C) quick
- (D) late

Answer: C

Explanation: Rapid means quick or fast.

Q89. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) lose
- (C) reject
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q90. Choose the correctly spelled word.

- (A) accommadation
- (B) acommodation
- (C) accomodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q91. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q92. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) is admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q93. Choose the synonym of "rapid".

- (A) slow
- (B) late
- (C) quick
- (D) weak

Answer: C

Explanation: Rapid means quick or fast.

Q94. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) lose
- (C) delay
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q95. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) go
- (C) going
- (D) gone

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q96. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) reject
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q97. Choose the antonym of "ancient".

- (A) historic
- (B) old
- (C) antique
- (D) modern

Answer: D

Explanation: Ancient means very old; modern is its opposite.

Q98. Choose the antonym of "ancient".

- (A) old
- (B) historic
- (C) modern
- (D) antique

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q99. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) Honesty
- (D) admired

Answer: C

Explanation: Honesty is an abstract noun.

Q100. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) is
- (C) is admired
- (D) admired

Answer: A

Explanation: Honesty is an abstract noun.

Q101. Choose the correct article: He is ____ honest man.

- (A) a
- (B) the
- (C) no article
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q102. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) Honesty
- (D) admired

Answer: C

Explanation: Honesty is an abstract noun.

Q103. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) accomodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q104. Choose the synonym of "rapid".

- (A) quick
- (B) late
- (C) weak
- (D) slow

Answer: A

Explanation: Rapid means quick or fast.

Q105. Choose the correct article: He is ____ honest man.

- (A) no article
- (B) a
- (C) the
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q106. Choose the antonym of "ancient".

- (A) antique
- (B) modern
- (C) old
- (D) historic

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q107. Choose the correct article: He is ____ honest man.

- (A) a
- (B) no article
- (C) the
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q108. Choose the synonym of "rapid".

- (A) slow
- (B) quick
- (C) late
- (D) weak

Answer: B

Explanation: Rapid means quick or fast.

Q109. Choose the correct plural of "criterion".

- (A) criteria
- (B) criterions
- (C) criteriones
- (D) criterias

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q110. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) lose
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q111. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) gone
- (C) going
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q112. Choose the synonym of "rapid".

- (A) slow
- (B) quick
- (C) late
- (D) weak

Answer: B

Explanation: Rapid means quick or fast.

Q113. Choose the synonym of "rapid".

- (A) slow
- (B) late
- (C) weak
- (D) quick

Answer: D

Explanation: Rapid means quick or fast.

Q114. Choose the antonym of "ancient".

- (A) old
- (B) modern
- (C) antique
- (D) historic

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q115. Choose the correct article: He is ____ honest man.

- (A) a
- (B) no article
- (C) an
- (D) the

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q116. Choose the synonym of "rapid".

- (A) quick
- (B) weak
- (C) slow
- (D) late

Answer: A

Explanation: Rapid means quick or fast.

Q117. Choose the correctly spelled word.

- (A) accommodation
- (B) accomodation
- (C) accommadation
- (D) accomodation

Answer: A

Explanation: The correct spelling is accommodation.

Q118. Choose the antonym of "ancient".

- (A) old
- (B) historic
- (C) modern
- (D) antique

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q119. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q120. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criterias
- (C) criteria
- (D) criterions

Answer: C

Explanation: Criteria is the standard plural of criterion.

Q121. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) goes
- (C) going
- (D) gone

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q122. Choose the antonym of "ancient".

- (A) old
- (B) historic
- (C) antique
- (D) modern

Answer: D

Explanation: Ancient means very old; modern is its opposite.

Q123. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteriones
- (C) criterias
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q124. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) admired
- (D) is

Answer: B

Explanation: Honesty is an abstract noun.

Q125. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) reject
- (C) delay
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q126. Choose the correct article: He is ____ honest man.

- (A) the
- (B) a
- (C) no article
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q127. Choose the synonym of "rapid".

- (A) slow
- (B) quick
- (C) late
- (D) weak

Answer: B

Explanation: Rapid means quick or fast.

Q128. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criteria
- (C) criterias
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q129. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) going
- (C) goes
- (D) go

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q130. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) admired
- (C) Honesty
- (D) is

Answer: C

Explanation: Honesty is an abstract noun.

Q131. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criterions
- (C) criterias
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q132. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q133. Choose the correct plural of "criterion".

- (A) criteriones
- (B) criteria
- (C) criterias
- (D) criterions

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q134. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) late
- (D) weak

Answer: A

Explanation: Rapid means quick or fast.

Q135. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) slow
- (D) quick

Answer: D

Explanation: Rapid means quick or fast.

Q136. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) is
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q137. Choose the antonym of "ancient".

- (A) modern
- (B) old
- (C) antique
- (D) historic

Answer: A

Explanation: Ancient means very old; modern is its opposite.

Q138. Choose the correctly spelled word.

- (A) accommodation
- (B) accommadation
- (C) accomodation
- (D) acommodation

Answer: A

Explanation: The correct spelling is accommodation.

Q139. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) delay
- (C) acquire
- (D) reject

Answer: C

Explanation: Obtain means acquire or get.

Q140. Choose the correct article: He is ____ honest man.

- (A) the
- (B) a
- (C) an
- (D) no article

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q141. Choose the correct plural of "criterion".

- (A) criterions
- (B) criterias
- (C) criteria
- (D) criteriones

Answer: C

Explanation: Criteria is the standard plural of criterion.

Q142. Choose the synonym of "rapid".

- (A) weak
- (B) quick
- (C) late
- (D) slow

Answer: B

Explanation: Rapid means quick or fast.

Q143. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) lose
- (C) acquire
- (D) reject

Answer: C

Explanation: Obtain means acquire or get.

Q144. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criterias
- (D) criteriones

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q145. Choose the correct plural of "criterion".

- (A) criteria
- (B) criterias
- (C) criterios
- (D) criterions

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q146. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) is admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q147. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteria
- (C) criterions
- (D) criterios

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q148. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) lose
- (C) acquire
- (D) reject

Answer: C

Explanation: Obtain means acquire or get.

Q149. Choose the antonym of "ancient".

- (A) modern
- (B) antique
- (C) historic
- (D) old

Answer: A

Explanation: Ancient means very old; modern is its opposite.

Q150. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criterias
- (D) criterios

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q151. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) admired
- (C) is admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q152. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) goes
- (C) going
- (D) gone

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q153. Fill in the blank: She ____ to the office every day.

- (A) going
- (B) go
- (C) goes
- (D) gone

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q154. Choose the correctly spelled word.

- (A) accommadation
- (B) accommodation
- (C) accomodation
- (D) acommodation

Answer: B

Explanation: The correct spelling is accommodation.

Q155. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) is
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q156. Choose the correctly spelled word.

- (A) accomodation
- (B) accommodation
- (C) acommodation
- (D) accommadation

Answer: B

Explanation: The correct spelling is accommodation.

Q157. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) acommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q158. Choose the correct plural of "criterion".

- (A) criterias
- (B) criterions
- (C) criteriones
- (D) criteria

Answer: D

Explanation: Criteria is the standard plural of criterion.

Q159. Choose the word closest in meaning to "obtain".

- (A) delay
- (B) lose
- (C) acquire
- (D) reject

Answer: C

Explanation: Obtain means acquire or get.

Q160. Choose the correct article: He is ____ honest man.

- (A) a
- (B) the
- (C) an
- (D) no article

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q161. Choose the correct article: He is ____ honest man.

- (A) the
- (B) no article
- (C) an
- (D) a

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q162. Choose the correct article: He is ____ honest man.

- (A) a
- (B) no article
- (C) an
- (D) the

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q163. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) is admired
- (C) is
- (D) admired

Answer: A

Explanation: Honesty is an abstract noun.

Q164. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) admired
- (C) Honesty
- (D) is admired

Answer: C

Explanation: Honesty is an abstract noun.

Q165. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) go
- (C) going
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q166. Choose the correctly spelled word.

- (A) accomodation
- (B) accomodation
- (C) accommadation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q167. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) delay
- (C) reject
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q168. Choose the correct article: He is ____ honest man.

- (A) an
- (B) the
- (C) no article
- (D) a

Answer: A

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q169. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) go
- (C) going
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q170. Choose the correct article: He is ____ honest man.

- (A) the
- (B) a
- (C) no article
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q171. Choose the correct article: He is ____ honest man.

- (A) an
- (B) no article
- (C) the
- (D) a

Answer: A

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q172. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) going
- (C) goes
- (D) gone

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q173. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) is
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q174. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) gone
- (C) going
- (D) go

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q175. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) going
- (C) gone
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q176. Choose the correctly spelled word.

- (A) accomodation
- (B) accommodation
- (C) accommodation
- (D) accommadation

Answer: C

Explanation: The correct spelling is accommodation.

Q177. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) is admired
- (C) is
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q178. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q179. Choose the antonym of "ancient".

- (A) old
- (B) antique
- (C) historic
- (D) modern

Answer: D

Explanation: Ancient means very old; modern is its opposite.

Q180. Choose the synonym of "rapid".

- (A) weak
- (B) quick
- (C) late
- (D) slow

Answer: B

Explanation: Rapid means quick or fast.

Q181. Choose the antonym of "ancient".

- (A) old
- (B) modern
- (C) historic
- (D) antique

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q182. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) admired
- (C) Honesty
- (D) is

Answer: C

Explanation: Honesty is an abstract noun.

Q183. Choose the correct article: He is ____ honest man.

- (A) an
- (B) no article
- (C) the
- (D) a

Answer: A

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q184. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) gone
- (C) going
- (D) go

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q185. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) delay
- (C) acquire
- (D) lose

Answer: C

Explanation: Obtain means acquire or get.

Q186. Fill in the blank: She ____ to the office every day.

- (A) go
- (B) goes
- (C) gone
- (D) going

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q187. Choose the correctly spelled word.

- (A) accommadation
- (B) accomodation
- (C) accommodation
- (D) accommodation

Answer: C

Explanation: The correct spelling is accommodation.

Q188. Choose the synonym of "rapid".

- (A) quick
- (B) slow
- (C) late
- (D) weak

Answer: A

Explanation: Rapid means quick or fast.

Q189. Choose the synonym of "rapid".

- (A) late
- (B) quick
- (C) slow
- (D) weak

Answer: B

Explanation: Rapid means quick or fast.

Q190. Choose the synonym of "rapid".

- (A) late
- (B) quick
- (C) weak
- (D) slow

Answer: B

Explanation: Rapid means quick or fast.

Q191. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) accommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q192. Choose the antonym of "ancient".

- (A) antique
- (B) modern
- (C) historic
- (D) old

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q193. Fill in the blank: She ____ to the office every day.

- (A) going
- (B) gone
- (C) goes
- (D) go

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q194. Choose the synonym of "rapid".

- (A) quick
- (B) weak
- (C) slow
- (D) late

Answer: A

Explanation: Rapid means quick or fast.

Q195. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) Honesty
- (C) is admired
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q196. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q197. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) goes
- (C) going
- (D) go

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q198. Choose the antonym of "ancient".

- (A) historic
- (B) old
- (C) modern
- (D) antique

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q199. Choose the correct article: He is ____ honest man.

- (A) the
- (B) an
- (C) no article
- (D) a

Answer: B

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q200. Choose the correctly spelled word.

- (A) accommadation
- (B) accomodation
- (C) acommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q201. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) is admired
- (C) is
- (D) admired

Answer: A

Explanation: Honesty is an abstract noun.

Q202. Choose the synonym of "rapid".

- (A) late
- (B) weak
- (C) quick
- (D) slow

Answer: C

Explanation: Rapid means quick or fast.

Q203. Choose the word closest in meaning to "obtain".

- (A) acquire
- (B) reject
- (C) lose
- (D) delay

Answer: A

Explanation: Obtain means acquire or get.

Q204. Choose the correctly spelled word.

- (A) accomodation
- (B) accomodation
- (C) accommodation
- (D) accommadation

Answer: C

Explanation: The correct spelling is accommodation.

Q205. Identify the noun in the sentence: "Honesty is admired."

- (A) admired
- (B) is
- (C) Honesty
- (D) is admired

Answer: C

Explanation: Honesty is an abstract noun.

Q206. Choose the synonym of "rapid".

- (A) late
- (B) quick
- (C) weak
- (D) slow

Answer: B

Explanation: Rapid means quick or fast.

Q207. Choose the synonym of "rapid".

- (A) slow
- (B) weak
- (C) late
- (D) quick

Answer: D

Explanation: Rapid means quick or fast.

Q208. Choose the antonym of "ancient".

- (A) historic
- (B) modern
- (C) old
- (D) antique

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q209. Identify the noun in the sentence: "Honesty is admired."

- (A) Honesty
- (B) is admired
- (C) admired
- (D) is

Answer: A

Explanation: Honesty is an abstract noun.

Q210. Choose the synonym of "rapid".

- (A) quick
- (B) late
- (C) slow
- (D) weak

Answer: A

Explanation: Rapid means quick or fast.

Q211. Choose the correct plural of "criterion".

- (A) criterias
- (B) criteria
- (C) criterions
- (D) criteriones

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q212. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) going
- (C) go
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q213. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criteriones
- (D) criterias

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q214. Choose the correct article: He is ____ honest man.

- (A) the
- (B) no article
- (C) an
- (D) a

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q215. Choose the antonym of "ancient".

- (A) modern
- (B) historic
- (C) antique
- (D) old

Answer: A

Explanation: Ancient means very old; modern is its opposite.

Q216. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) accommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q217. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) acquire
- (C) lose
- (D) delay

Answer: B

Explanation: Obtain means acquire or get.

Q218. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) lose
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q219. Choose the correct article: He is ____ honest man.

- (A) the
- (B) no article
- (C) an
- (D) a

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q220. Choose the synonym of "rapid".

- (A) late
- (B) quick
- (C) weak
- (D) slow

Answer: B

Explanation: Rapid means quick or fast.

Q221. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) Honesty
- (C) is
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q222. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) goes
- (C) going
- (D) go

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q223. Choose the antonym of "ancient".

- (A) antique
- (B) old
- (C) historic
- (D) modern

Answer: D

Explanation: Ancient means very old; modern is its opposite.

Q224. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) acommodation
- (D) accommodation

Answer: D

Explanation: The correct spelling is accommodation.

Q225. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) goes
- (C) go
- (D) going

Answer: B

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q226. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criteriones
- (D) criterias

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q227. Choose the synonym of "rapid".

- (A) weak
- (B) quick
- (C) slow
- (D) late

Answer: B

Explanation: Rapid means quick or fast.

Q228. Choose the correctly spelled word.

- (A) accommodation
- (B) accomodation
- (C) accommadation
- (D) acommodation

Answer: A

Explanation: The correct spelling is accommodation.

Q229. Fill in the blank: She ____ to the office every day.

- (A) going
- (B) go
- (C) gone
- (D) goes

Answer: D

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q230. Identify the noun in the sentence: "Honesty is admired."

- (A) is
- (B) Honesty
- (C) is admired
- (D) admired

Answer: B

Explanation: Honesty is an abstract noun.

Q231. Choose the correct plural of "criterion".

- (A) criterions
- (B) criteria
- (C) criterias
- (D) criteriones

Answer: B

Explanation: Criteria is the standard plural of criterion.

Q232. Choose the correct plural of "criterion".

- (A) criteria
- (B) criteriones
- (C) criterions
- (D) criterias

Answer: A

Explanation: Criteria is the standard plural of criterion.

Q233. Choose the correctly spelled word.

- (A) acommodation
- (B) accomodation
- (C) accommodation
- (D) accommadation

Answer: C

Explanation: The correct spelling is accommodation.

Q234. Choose the correct article: He is ____ honest man.

- (A) the
- (B) an
- (C) no article
- (D) a

Answer: B

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q235. Choose the antonym of "ancient".

- (A) antique
- (B) historic
- (C) modern
- (D) old

Answer: C

Explanation: Ancient means very old; modern is its opposite.

Q236. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) delay
- (C) reject
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q237. Fill in the blank: She ____ to the office every day.

- (A) goes
- (B) gone
- (C) go
- (D) going

Answer: A

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q238. Choose the synonym of "rapid".

- (A) slow
- (B) weak
- (C) late
- (D) quick

Answer: D

Explanation: Rapid means quick or fast.

Q239. Choose the word closest in meaning to "obtain".

- (A) reject
- (B) lose
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q240. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) Honesty
- (D) admired

Answer: C

Explanation: Honesty is an abstract noun.

Q241. Fill in the blank: She ____ to the office every day.

- (A) gone
- (B) go
- (C) goes
- (D) going

Answer: C

Explanation: With third-person singular subject "she" in simple present, use "goes".

Q242. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) reject
- (C) acquire
- (D) delay

Answer: C

Explanation: Obtain means acquire or get.

Q243. Choose the correct article: He is ____ honest man.

- (A) the
- (B) a
- (C) no article
- (D) an

Answer: D

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q244. Identify the noun in the sentence: "Honesty is admired."

- (A) is admired
- (B) is
- (C) admired
- (D) Honesty

Answer: D

Explanation: Honesty is an abstract noun.

Q245. Choose the word closest in meaning to "obtain".

- (A) lose
- (B) reject
- (C) delay
- (D) acquire

Answer: D

Explanation: Obtain means acquire or get.

Q246. Choose the correct article: He is ____ honest man.

- (A) the
- (B) a
- (C) an
- (D) no article

Answer: C

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Q247. Choose the antonym of "ancient".

- (A) historic
- (B) modern
- (C) antique
- (D) old

Answer: B

Explanation: Ancient means very old; modern is its opposite.

Q248. Choose the correctly spelled word.

- (A) accomodation
- (B) accommadation
- (C) accommodation
- (D) accomodation

Answer: C

Explanation: The correct spelling is accommodation.

Q249. Choose the correctly spelled word.

- (A) accomodation
- (B) accommodation
- (C) accommadation
- (D) accomodation

Answer: B

Explanation: The correct spelling is accommodation.

Q250. Choose the correct article: He is ____ honest man.

- (A) an
- (B) the
- (C) a
- (D) no article

Answer: A

Explanation: "Honest" begins with a vowel sound, so "an" is used.

Science

Q251. 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.

Q252. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q253. 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 $V = IR$.

Q254. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q255. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q256. 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.

Q257. 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 $V = IR$.

Q258. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q259. 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 .

Q260. The pH of a neutral solution at 25 C is

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

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q261. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q262. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q263. 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.

Q264. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q265. 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 .

Q266. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q267. 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 $V = IR$.

Q268. 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 .

Q269. 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.

Q270. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q271. 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 $V = IR$.

Q272. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q273. 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 $V = IR$.

Q274. 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 $V = IR$.

Q275. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q276. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q277. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q278. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q279. 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 .

Q280. 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.

Q281. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q282. 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 .

Q283. 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.

Q284. 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.

Q285. 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.

Q286. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q287. 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.

Q288. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q289. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q290. The pH of a neutral solution at 25 C is

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

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q291. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q292. 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 $V = IR$.

Q293. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q294. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q295. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q296. 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 $V = IR$.

Q297. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q298. 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.

Q299. 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.

Q300. 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.

Q301. 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.

Q302. 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.

Q303. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl.

Q304. 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.

Q305. 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 $V = IR$.

Q306. Which law states that current is directly proportional to voltage at constant temperature?

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

Answer: A

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

Q307. 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 .

Q308. 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.

Q309. 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.

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

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

Answer: C

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

Q311. 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.

Q312. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q313. 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 .

Q314. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q315. Which law states that current is directly proportional to voltage at constant temperature?

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

Answer: A

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

Q316. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q317. The pH of a neutral solution at 25 C is

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

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q318. 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.

Q319. 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 .

Q320. 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 $V = IR$.

Q321. 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.

Q322. The pH of a neutral solution at 25 C is

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

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q323. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q324. 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.

Q325. The pH of a neutral solution at 25 C is

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

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q326. 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.

Q327. 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 $V = IR$.

Q328. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q329. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q330. Which law states that current is directly proportional to voltage at constant temperature?

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

Answer: B

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

Q331. 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 .

Q332. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q333. 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 .

Q334. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q335. 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 $V = IR$.

Q336. 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 .

Q337. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q338. 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.

Q339. 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 $V = IR$.

Q340. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q341. 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 .

Q342. 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 .

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

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

Answer: B

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

Q344. 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 $V = IR$.

Q345. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q346. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q347. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q348. 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.

Q349. 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 $V = IR$.

Q350. 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 $V = IR$.

Q351. 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 $V = IR$.

Q352. The pH of a neutral solution at 25 C is

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

Answer: B

Explanation: Neutral water has pH 7 at 25 C.

Q353. The chemical formula of common salt is

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

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q354. 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 .

Q355. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q356. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q357. 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 $V = IR$.

Q358. 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 $V = IR$.

Q359. 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 $V = IR$.

Q360. 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 $V = IR$.

Q361. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q362. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q363. 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 $V = IR$.

Q364. The chemical formula of common salt is

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

Answer: C

Explanation: Common salt is sodium chloride, NaCl .

Q365. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q366. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q367. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q368. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q369. 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.

Q370. Acceleration due to gravity near Earth's surface is approximately

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

Answer: C

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

Q371. 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.

Q372. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q373. 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 .

Q374. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q375. Which law states that current is directly proportional to voltage at constant temperature?

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

Answer: A

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

Q376. Which law states that current is directly proportional to voltage at constant temperature?

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

Answer: A

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

Q377. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q378. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q379. 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.

Q380. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q381. The chemical formula of common salt is

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

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q382. Acceleration due to gravity near Earth's surface is approximately

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

Answer: B

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

Q383. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q384. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q385. 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.

Q386. 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 .

Q387. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q388. 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 .

Q389. 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 $V = IR$.

Q390. 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.

Q391. 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.

Q392. 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.

Q393. The pH of a neutral solution at 25 C is

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

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q394. 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.

Q395. 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.

Q396. 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.

Q397. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q398. 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 $V = IR$.

Q399. 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 .

Q400. 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.

Q401. 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.

Q402. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q403. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q404. 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 .

Q405. 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 $V = IR$.

Q406. 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 .

Q407. 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.

Q408. 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.

Q409. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q410. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q411. 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.

Q412. 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 .

Q413. 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.

Q414. 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 .

Q415. The unit of electric power is

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

Answer: D

Explanation: Power is measured in watts.

Q416. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q417. 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.

Q418. 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 .

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. 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 .

Q421. 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 .

Q422. 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.

Q423. 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.

Q424. 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 .

Q425. 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.

Q426. 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 .

Q427. 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 .

Q428. 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 .

Q429. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q430. 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.

Q431. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q432. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl .

Q433. 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 .

Q434. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl .

Q435. 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 .

Q436. 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.

Q437. 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 $V = IR$.

Q438. 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.

Q439. 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.

Q440. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q441. 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.

Q442. 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 $V = IR$.

Q443. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 0.98 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 .

Q444. 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.

Q445. 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.

Q446. 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.

Q447. 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.

Q448. 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 .

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. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q451. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q452. 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.

Q453. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q454. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q455. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q456. 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 .

Q457. The pH of a neutral solution at 25 C is

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

Answer: D

Explanation: Neutral water has pH 7 at 25 C.

Q458. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

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

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

Answer: C

Explanation: Sunlight helps the skin synthesize vitamin D.

Q460. Which vitamin is synthesized in skin on exposure to sunlight?

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

Answer: D

Explanation: Sunlight helps the skin synthesize vitamin D.

Q461. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q462. 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 .

Q463. 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.

Q464. 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 $V = IR$.

Q465. 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.

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. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q468. The chemical formula of common salt is

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

Answer: A

Explanation: Common salt is sodium chloride, NaCl.

Q469. 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.

Q470. 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.

Q471. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q472. 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.

Q473. 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 .

Q474. 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.

Q475. 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 .

Q476. 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.

Q477. 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 .

Q478. 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 $V = IR$.

Q479. 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 .

Q480. 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 .

Q481. Acceleration due to gravity near Earth's surface is approximately

- (A) 3.0 m/s^2
- (B) 0.98 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 .

Q482. 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 .

Q483. 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 .

Q484. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q485. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q486. 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 .

Q487. 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 .

Q488. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q489. 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.

Q490. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q491. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q492. The chemical formula of common salt is

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

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q493. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q494. 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 $V = IR$.

Q495. 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 $V = IR$.

Q496. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q497. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q498. 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.

Q499. 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 .

Q500. The chemical formula of common salt is

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

Answer: D

Explanation: Common salt is sodium chloride, NaCl .

Q501. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q502. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Q503. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q504. Which particle has a negative electric charge?

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

Answer: D

Explanation: Electrons carry negative charge.

Q505. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q506. 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 .

Q507. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q508. The chemical formula of common salt is

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

Answer: B

Explanation: Common salt is sodium chloride, NaCl .

Q509. 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 .

Q510. 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 .

Q511. Which particle has a negative electric charge?

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

Answer: C

Explanation: Electrons carry negative charge.

Q512. 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.

Q513. 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.

Q514. 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.

Q515. The unit of electric power is

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

Answer: C

Explanation: Power is measured in watts.

Q516. 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.

Q517. 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 $V = IR$.

Q518. 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.

Q519. 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.

Q520. 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 $V = IR$.

Q521. 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 .

Q522. 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 $V = IR$.

Q523. 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 $V = IR$.

Q524. 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 $V = IR$.

Q525. 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.

Q526. 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.

Q527. 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 $V = IR$.

Q528. 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.

Q529. 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 .

Q530. 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 $V = IR$.

Q531. 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 .

Q532. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q533. 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 $V = IR$.

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

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

Answer: C

Explanation: Neutral water has pH 7 at 25 C.

Q535. 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 .

Q536. 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.

Q537. The pH of a neutral solution at 25 C is

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

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q538. 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.

Q539. Which particle has a negative electric charge?

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

Answer: B

Explanation: Electrons carry negative charge.

Q540. 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 .

Q541. 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 .

Q542. 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.

Q543. Which particle has a negative electric charge?

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

Answer: A

Explanation: Electrons carry negative charge.

Q544. 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.

Q545. The unit of electric power is

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

Answer: B

Explanation: Power is measured in watts.

Q546. 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.

Q547. The pH of a neutral solution at 25 C is

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

Answer: A

Explanation: Neutral water has pH 7 at 25 C.

Q548. 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.

Q549. Acceleration due to gravity near Earth's surface is approximately

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

Answer: C

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

Q550. The unit of electric power is

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

Answer: A

Explanation: Power is measured in watts.

Mathematics

Q551. What is 10% of 750?

- (A) 37.5
- (B) 75
- (C) 112.5
- (D) 150.0

Answer: B

Explanation: 10% of 750 = $(10/100) \times 750 = 75$.

Q552. Two quantities are in the ratio 5:7. If their total is 120, what is the first quantity?

- (A) 120
- (B) 20
- (C) 50
- (D) 70

Answer: C

Explanation: Total parts = 12. One part = $120/12 = 10$; first quantity = $5 \times 10 = 50$.

Q553. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q554. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: B

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

Q555. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q556. Two quantities are in the ratio 7:9. If their total is 208, what is the first quantity?

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

Answer: B

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

Q557. What is 5% of 600?

- (A) 60.0
- (B) 90.0
- (C) 0
- (D) 30

Answer: D

Explanation: 5% of 600 = $(5/100) \times 600 = 30$.

Q558. Two quantities are in the ratio 3:4. If their total is 28, what is the first quantity?

- (A) 12
- (B) 16
- (C) 4
- (D) 28

Answer: A

Explanation: Total parts = 7. One part = $28/7 = 4$; first quantity = $3 \times 4 = 12$.

Q559. Find the simple interest on Rs. 3000 at 12% per annum for 3 years.

- (A) 1080
- (B) 1380
- (C) 780
- (D) 360

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 12 \times 3}{100} = \text{Rs. } 1080$.

Q560. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q561. Two quantities are in the ratio 2:3. If their total is 40, what is the first quantity?

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

Answer: C

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

Q562. Find the average of 71, 45, 68, 53, 15.

- (A) 50.4
- (B) 52.4
- (C) 63.0
- (D) 48.4

Answer: A

Explanation: Average = sum / count = $252/5 = 50.4$.

Q563. 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) 0
- (C) 15.0
- (D) 225.0

Answer: A

Explanation: Combined rate = $\frac{1}{15} + \frac{1}{15} = \frac{(30)}{225}$; time = $\frac{225}{30} = 7.5$ days.

Q564. Find the average of 37, 46, 10, 30, 74.

- (A) 49.2
- (B) 41.4
- (C) 39.4
- (D) 37.4

Answer: C

Explanation: Average = sum / count = $\frac{197}{5} = 39.4$.

Q565. Two quantities are in the ratio 4:5. If their total is 108, what is the first quantity?

- (A) 12
- (B) 48
- (C) 108
- (D) 60

Answer: B

Explanation: Total parts = 9. One part = $108/9 = 12$; first quantity = $4 \times 12 = 48$.

Q566. Find the simple interest on Rs. 1000 at 6% per annum for 3 years.

- (A) 180
- (B) 60
- (C) 280
- (D) 80

Answer: A

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 6 \times 3}{100} = \text{Rs. } 180$.

Q567. 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 = $800 \times (1 + 15/100) = \text{Rs. } 920$.

Q568. A vehicle travels at 45 km/h for 2.5 hours. What distance does it cover?

- (A) 135.0
- (B) 47.5
- (C) 112.5
- (D) 18.0

Answer: C

Explanation: Distance = speed $\times$ time = $45 \times 2.5 = 112.5$ km.

Q569. Find the simple interest on Rs. 1200 at 8% per annum for 4 years.

- (A) 504
- (B) 264
- (C) 96
- (D) 384

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 8 \times 4}{100} = \text{Rs. } 384$.

Q570. What is 30% of 500?

- (A) 175.0
- (B) 200.0
- (C) 125.0
- (D) 150

Answer: D

Explanation: 30% of 500 = $(30/100) \times 500 = 150$.

Q571. Find the simple interest on Rs. 2000 at 10% per annum for 3 years.

- (A) 800
- (B) 200
- (C) 600
- (D) 400

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{2000 \times 10 \times 3}{100} = \text{Rs. } 600$.

Q572. A can finish a work in 8 days and B in 12 days. In how many days can they finish it together?

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

Answer: C

Explanation: Combined rate = $\frac{1}{8} + \frac{1}{12} = \frac{20}{96}$; time = $\frac{96}{20} = 4.8$ days.

Q573. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 75.0
- (B) 60
- (C) 15.0
- (D) 32

Answer: B

Explanation: Distance = speed $\times$ time = $30 \times 2 = 60$ km.

Q574. What is 12.5% of 320?

- (A) 72.0
- (B) 40
- (C) 56.0
- (D) 24.0

Answer: B

Explanation: 12.5% of 320 = $\frac{12.5}{100} \times 320 = 40$.

Q575. Two quantities are in the ratio 7:9. If their total is 192, what is the first quantity?

- (A) 108
- (B) 192
- (C) 24
- (D) 84

Answer: D

Explanation: Total parts = 16. One part = $\frac{192}{16} = 12$; first quantity = $7 \times 12 = 84$.

Q576. Two quantities are in the ratio 4:5. If their total is 135, what is the first quantity?

- (A) 135
- (B) 60
- (C) 75
- (D) 15

Answer: B

Explanation: Total parts = 9. One part = $\frac{135}{9} = 15$; first quantity = $4 \times 15 = 60$.

Q577. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 12.5
- (B) 54
- (C) 200
- (D) 225.0

Answer: C

Explanation: Distance = speed x time = $50 \times 4 = 200$ km.

Q578. Two quantities are in the ratio 7:9. If their total is 288, what is the first quantity?

- (A) 126
- (B) 288
- (C) 162
- (D) 36

Answer: A

Explanation: Total parts = 16. One part = $288/16 = 18$; first quantity = $7 \times 18 = 126$.

Q579. Find the average of 28, 49, 33, 31, 38.

- (A) 44.8
- (B) 35.8
- (C) 33.8
- (D) 37.8

Answer: B

Explanation: Average = sum / count = $179/5 = 35.8$.

Q580. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 58
- (B) 243.0
- (C) 216
- (D) 13.5

Answer: C

Explanation: Distance = speed x time = $54 \times 4 = 216$ km.

Q581. 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) 12.0
- (C) 9.0
- (D) 6

Answer: A

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

Q582. Two quantities are in the ratio 2:3. If their total is 35, what is the first quantity?

- (A) 7
- (B) 35
- (C) 14
- (D) 21

Answer: C

Explanation: Total parts = 5. One part = $35/5 = 7$; first quantity = $2 \times 7 = 14$.

Q583. Find the simple interest on Rs. 1200 at 6% per annum for 3 years.

- (A) 96
- (B) 72
- (C) 336
- (D) 216

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{1200 \times 6 \times 3}{100} = \text{Rs. } 216.$

Q584. Find the average of 68, 45, 78, 14, 58.

- (A) 50.6
- (B) 65.8
- (C) 54.6
- (D) 52.6

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{263}{5} = 52.6.$

Q585. Find the simple interest on Rs. 5000 at 10% per annum for 3 years.

- (A) 500
- (B) 1500
- (C) 1000
- (D) 2000

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{5000 \times 10 \times 3}{100} = \text{Rs. } 1500.$

Q586. Find the average of 79, 20, 12, 40, 77.

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

Answer: D

Explanation: $\text{Average} = \frac{\text{sum}}{\text{count}} = \frac{228}{5} = 45.6.$

Q587. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: B

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

Q588. A vehicle travels at 45 km/h for 2 hours. What distance does it cover?

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

Answer: B

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 45 \times 2 = 90 \text{ km.}$

Q589. An item costs Rs. 240. At a profit of 20%, what is the selling price?

- (A) 288
- (B) 280
- (C) 260
- (D) 192.0

Answer: A

Explanation: Selling price = $240 \times (1 + 20/100) = \text{Rs. } 288$.

Q590. Find the simple interest on Rs. 5000 at 6% per annum for 3 years.

- (A) 900
- (B) 1400
- (C) 300
- (D) 400

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 6 \times 3/100 = \text{Rs. } 900$.

Q591. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

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

Answer: B

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

Q592. Two quantities are in the ratio 3:5. If their total is 32, what is the first quantity?

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

Answer: A

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

Q593. Two quantities are in the ratio 5:7. If their total is 120, what is the first quantity?

- (A) 70
- (B) 120
- (C) 50
- (D) 20

Answer: C

Explanation: Total parts = 12. One part = $120/12 = 10$; first quantity = $5 \times 10 = 50$.

Q594. Find the average of 75, 30, 76, 60, 24.

- (A) 51
- (B) 55
- (C) 66.2
- (D) 53

Answer: D

Explanation: Average = sum / count = $265/5 = 53$.

Q595. Two quantities are in the ratio 4:5. If their total is 72, what is the first quantity?

- (A) 72
- (B) 8
- (C) 32
- (D) 40

Answer: C

Explanation: Total parts = 9. One part = $72/9 = 8$; first quantity = $4 \times 8 = 32$.

Q596. What is 50% of 500?

- (A) 225.0
- (B) 300.0
- (C) 250
- (D) 275.0

Answer: C

Explanation: 50% of 500 = $(50/100) \times 500 = 250$.

Q597. A vehicle travels at 36 km/h for 3 hours. What distance does it cover?

- (A) 108
- (B) 39
- (C) 12.0
- (D) 126.0

Answer: A

Explanation: Distance = speed $\times$ time = $36 \times 3 = 108$ km.

Q598. Find the simple interest on Rs. 1200 at 10% per annum for 4 years.

- (A) 360
- (B) 600
- (C) 120
- (D) 480

Answer: D

Explanation: $SI = \frac{PRT}{100} = 1200 \times 10 \times 4/100 = \text{Rs. } 480$.

Q599. Two quantities are in the ratio 3:4. If their total is 49, what is the first quantity?

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

Answer: A

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

Q600. Two quantities are in the ratio 2:3. If their total is 30, what is the first quantity?

- (A) 6
- (B) 30
- (C) 18
- (D) 12

Answer: D

Explanation: Total parts = 5. One part = $30/5 = 6$; first quantity = $2 \times 6 = 12$.

Q601. A vehicle travels at 54 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q602. Two quantities are in the ratio 2:3. If their total is 40, what is the first quantity?

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

Answer: D

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

Q603. An item costs Rs. 500. At a profit of 20%, what is the selling price?

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

Answer: A

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

Q604. What is 30% of 450?

- (A) 180.0
- (B) 112.5
- (C) 135
- (D) 157.5

Answer: C

Explanation: 30% of 450 = $(30/100) \times 450 = 135$.

Q605. Find the simple interest on Rs. 4000 at 8% per annum for 3 years.

- (A) 320
- (B) 560
- (C) 1360
- (D) 960

Answer: D

Explanation: $SI = PRT/100 = 4000 \times 8 \times 3/100 = \text{Rs. } 960$.

Q606. Find the simple interest on Rs. 1000 at 10% per annum for 3 years.

- (A) 100
- (B) 200
- (C) 400
- (D) 300

Answer: D

Explanation: $SI = PRT/100 = 1000 \times 10 \times 3/100 = \text{Rs. } 300$.

Q607. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 830
- (B) 180.0
- (C) 210
- (D) 220

Answer: D

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

Q608. What is 75% of 160?

- (A) 128.0
- (B) 112.0
- (C) 136.0
- (D) 120

Answer: D

Explanation: 75% of 160 = $(75/100) \times 160 = 120$.

Q609. Find the average of 77, 27, 19, 17, 21.

- (A) 30.2
- (B) 40.2
- (C) 32.2
- (D) 34.2

Answer: C

Explanation: Average = sum / count = $161/5 = 32.2$.

Q610. 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) 4.8
- (C) 15.0
- (D) 18

Answer: B

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

Q611. Find the simple interest on Rs. 1000 at 12% per annum for 2 years.

- (A) 240
- (B) 340
- (C) 120
- (D) 140

Answer: A

Explanation: SI = $PRT/100 = 1000 \times 12 \times 2/100 = \text{Rs. } 240$.

Q612. What is 75% of 240?

- (A) 180
- (B) 204.0
- (C) 168.0
- (D) 192.0

Answer: A

Explanation: 75% of 240 = $(75/100) \times 240 = 180$.

Q613. Find the simple interest on Rs. 3000 at 10% per annum for 4 years.

- (A) 300
- (B) 1500
- (C) 900
- (D) 1200

Answer: D

Explanation: $SI = \frac{PRT}{100} = \frac{3000 \times 10 \times 4}{100} = \text{Rs. } 1200$.

Q614. Two quantities are in the ratio 5:7. If their total is 156, what is the first quantity?

- (A) 26
- (B) 91
- (C) 156
- (D) 65

Answer: D

Explanation: Total parts = 12. One part = $156/12 = 13$; first quantity = $5 \times 13 = 65$.

Q615. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: D

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

Q616. Find the average of 58, 59, 47, 10, 12.

- (A) 46.5
- (B) 35.2
- (C) 39.2
- (D) 37.2

Answer: D

Explanation: Average = sum / count = $186/5 = 37.2$.

Q617. What is 50% of 500?

- (A) 300.0
- (B) 225.0
- (C) 250
- (D) 275.0

Answer: C

Explanation: 50% of 500 = $(50/100) \times 500 = 250$.

Q618. An item costs Rs. 250. At a profit of 10%, what is the selling price?

- (A) 270
- (B) 275
- (C) 225.0
- (D) 260

Answer: B

Explanation: Selling price = $250 \times (1 + 10/100) = \text{Rs. } 275$.

Q619. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: D

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

Q620. Find the average of 41, 66, 25, 45, 57.

- (A) 44.8
- (B) 58.5
- (C) 48.8
- (D) 46.8

Answer: D

Explanation: Average = sum / count = $234/5 = 46.8$.

Q621. An item costs Rs. 300. At a profit of 15%, what is the selling price?

- (A) 345
- (B) 315
- (C) 255.0
- (D) 330

Answer: A

Explanation: Selling price = $300 \times (1 + 15/100) = \text{Rs. } 345$.

Q622. Two quantities are in the ratio 4:5. If their total is 36, what is the first quantity?

- (A) 36
- (B) 20
- (C) 16
- (D) 4

Answer: C

Explanation: Total parts = 9. One part = $36/9 = 4$; first quantity = $4 \times 4 = 16$.

Q623. What is 40% of 360?

- (A) 180.0
- (B) 144
- (C) 126.0
- (D) 162.0

Answer: B

Explanation: 40% of 360 = $(40/100) \times 360 = 144$.

Q624. A vehicle travels at 72 km/h for 2.5 hours. What distance does it cover?

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

Answer: B

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

Q625. Two quantities are in the ratio 5:7. If their total is 132, what is the first quantity?

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

Answer: D

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

Q626. A can finish a work in 8 days and B in 15 days. In how many days can they finish it together?

- (A) 11.5
- (B) 5.22
- (C) 17.14
- (D) 7

Answer: B

Explanation: Combined rate = $1/8 + 1/15 = (23)/120$; time = $120/23 = 5.22$ days.

Q627. A can finish a work in 10 days and B in 15 days. In how many days can they finish it together?

- (A) 6.0
- (B) 12.5
- (C) 30.0
- (D) 5

Answer: A

Explanation: Combined rate = $1/10 + 1/15 = (25)/150$; time = $150/25 = 6.0$ days.

Q628. An item costs Rs. 600. At a profit of 20%, what is the selling price?

- (A) 620
- (B) 480.0
- (C) 720
- (D) 640

Answer: C

Explanation: Selling price = $600 \times (1 + 20/100) = \text{Rs. } 720$.

Q629. A vehicle travels at 54 km/h for 4 hours. What distance does it cover?

- (A) 13.5
- (B) 216
- (C) 58
- (D) 243.0

Answer: B

Explanation: Distance = speed $\times$ time = $54 \times 4 = 216$ km.

Q630. Find the average of 48, 15, 31, 75, 71.

- (A) 46
- (B) 48
- (C) 60.0
- (D) 50

Answer: B

Explanation: Average = sum / count = $240/5 = 48$.

Q631. Two quantities are in the ratio 5:7. If their total is 72, what is the first quantity?

- (A) 72
- (B) 12
- (C) 42
- (D) 30

Answer: D

Explanation: Total parts = 12. One part = $72/12 = 6$; first quantity = $5 \times 6 = 30$.

Q632. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 135.0
- (B) 27.0
- (C) 108
- (D) 56

Answer: C

Explanation: Distance = speed $\times$ time = $54 \times 2 = 108$ km.

Q633. Find the average of 68, 59, 73, 34, 43.

- (A) 53.4
- (B) 69.2
- (C) 55.4
- (D) 57.4

Answer: C

Explanation: Average = sum / count = $277/5 = 55.4$.

Q634. Find the average of 46, 25, 49, 43, 24.

- (A) 37.4
- (B) 39.4
- (C) 46.8
- (D) 35.4

Answer: A

Explanation: Average = sum / count = $187/5 = 37.4$.

Q635. Find the average of 34, 73, 55, 10, 65.

- (A) 47.4
- (B) 49.4
- (C) 59.2
- (D) 45.4

Answer: A

Explanation: Average = sum / count = $237/5 = 47.4$.

Q636. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q637. What is 10% of 180?

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

Answer: D

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

Q638. Find the simple interest on Rs. 1500 at 6% per annum for 4 years.

- (A) 210
- (B) 510
- (C) 360
- (D) 90

Answer: C

Explanation: $SI = PRT/100 = 1500 \times 6 \times 4/100 = \text{Rs. } 360.$

Q639. Find the average of 47, 23, 68, 37, 46.

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

Answer: D

Explanation: $\text{Average} = \text{sum} / \text{count} = 221/5 = 44.2.$

Q640. An item costs Rs. 250. At a profit of 20%, what is the selling price?

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

Answer: D

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

Q641. An item costs Rs. 400. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q642. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 7.5
- (B) 120
- (C) 135.0
- (D) 34

Answer: B

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 30 \times 4 = 120 \text{ km.}$

Q643. Find the average of 57, 34, 36, 52, 30.

- (A) 52.2
- (B) 43.8
- (C) 39.8
- (D) 41.8

Answer: D

Explanation: Average = sum / count = $209/5 = 41.8$.

Q644. Two quantities are in the ratio 7:9. If their total is 64, what is the first quantity?

- (A) 36
- (B) 64
- (C) 8
- (D) 28

Answer: D

Explanation: Total parts = 16. One part = $64/16 = 4$; first quantity = $7 \times 4 = 28$.

Q645. A vehicle travels at 50 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q646. Find the simple interest on Rs. 1000 at 6% per annum for 2 years.

- (A) 120
- (B) 20
- (C) 220
- (D) 60

Answer: A

Explanation: SI = $PRT/100 = 1000 \times 6 \times 2/100 = \text{Rs. } 120$.

Q647. Find the simple interest on Rs. 2000 at 10% per annum for 3 years.

- (A) 200
- (B) 600
- (C) 400
- (D) 800

Answer: B

Explanation: SI = $PRT/100 = 2000 \times 10 \times 3/100 = \text{Rs. } 600$.

Q648. Find the average of 65, 42, 77, 73, 35.

- (A) 56.4
- (B) 73.0
- (C) 60.4
- (D) 58.4

Answer: D

Explanation: Average = sum / count = $292/5 = 58.4$.

Q649. Two quantities are in the ratio 3:5. If their total is 56, what is the first quantity?

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

Answer: C

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

Q650. A can finish a work in 12 days and B in 24 days. In how many days can they finish it together?

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

Answer: B

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

Q651. What is 75% of 160?

- (A) 136.0
- (B) 120
- (C) 128.0
- (D) 112.0

Answer: B

Explanation: 75% of 160 = $(75/100) \times 160 = 120$.

Q652. Find the average of 25, 18, 48, 24, 15.

- (A) 32.5
- (B) 26
- (C) 28
- (D) 24

Answer: B

Explanation: Average = sum / count = $130/5 = 26$.

Q653. A can finish a work in 20 days and B in 20 days. In how many days can they finish it together?

- (A) 400.0
- (B) 20.0
- (C) 0
- (D) 10.0

Answer: D

Explanation: Combined rate = $1/20 + 1/20 = (40)/400$; time = $400/40 = 10.0$ days.

Q654. An item costs Rs. 500. At a profit of 10%, what is the selling price?

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

Answer: D

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

Q655. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

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

Q656. A vehicle travels at 50 km/h for 2 hours. What distance does it cover?

- (A) 52
- (B) 25.0
- (C) 100
- (D) 125.0

Answer: C

Explanation: Distance = speed x time = $50 \times 2 = 100$ km.

Q657. 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: Distance = speed x time = $40 \times 2.5 = 100$ km.

Q658. A vehicle travels at 60 km/h for 4 hours. What distance does it cover?

- (A) 15.0
- (B) 270.0
- (C) 64
- (D) 240

Answer: D

Explanation: Distance = speed x time = $60 \times 4 = 240$ km.

Q659. A vehicle travels at 40 km/h for 4 hours. What distance does it cover?

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

Answer: D

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

Q660. Find the simple interest on Rs. 2500 at 6% per annum for 3 years.

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

Answer: C

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

Q661. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 252.0
- (B) 24.0
- (C) 216
- (D) 75

Answer: C

Explanation: Distance = speed x time = $72 \times 3 = 216$ km.

Q662. An item costs Rs. 600. At a profit of 30%, what is the selling price?

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

Answer: A

Explanation: Selling price = $600 \times (1 + 30/100) = \text{Rs. } 780$.

Q663. What is 40% of 240?

- (A) 84.0
- (B) 108.0
- (C) 96
- (D) 120.0

Answer: C

Explanation: 40% of 240 = $(40/100) \times 240 = 96$.

Q664. An item costs Rs. 600. At a profit of 25%, what is the selling price?

- (A) 650
- (B) 450.0
- (C) 625
- (D) 750

Answer: D

Explanation: Selling price = $600 \times (1 + 25/100) = \text{Rs. } 750$.

Q665. What is 60% of 160?

- (A) 104.0
- (B) 96
- (C) 112.0
- (D) 88.0

Answer: B

Explanation: 60% of 160 = $(60/100) \times 160 = 96$.

Q666. What is 25% of 240?

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

Answer: B

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

Q667. Two quantities are in the ratio 5:7. If their total is 192, what is the first quantity?

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

Answer: A

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

Q668. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 150
- (B) 175.0
- (C) 16.67
- (D) 53

Answer: A

Explanation: Distance = speed $\times$ time = $50 \times 3 = 150$ km.

Q669. Two quantities are in the ratio 3:5. If their total is 96, what is the first quantity?

- (A) 60
- (B) 36
- (C) 96
- (D) 24

Answer: B

Explanation: Total parts = 8. One part = $96/8 = 12$; first quantity = $3 \times 12 = 36$.

Q670. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 35
- (B) 25
- (C) 10
- (D) 60

Answer: B

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q671. An item costs Rs. 800. At a profit of 12%, what is the selling price?

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

Answer: B

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

Q672. A can finish a work in 8 days and B in 24 days. In how many days can they finish it together?

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

Answer: B

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

Q673. Find the average of 14, 76, 72, 25, 24.

- (A) 52.8
- (B) 40.2
- (C) 44.2
- (D) 42.2

Answer: D

Explanation: Average = sum / count = $211/5 = 42.2$.

Q674. An item costs Rs. 250. At a profit of 10%, what is the selling price?

- (A) 275
- (B) 225.0
- (C) 270
- (D) 260

Answer: A

Explanation: Selling price = $250 \times (1 + 10/100) = \text{Rs. } 275$.

Q675. What is 40% of 600?

- (A) 300.0
- (B) 240
- (C) 270.0
- (D) 210.0

Answer: B

Explanation: 40% of 600 = $(40/100) \times 600 = 240$.

Q676. Find the average of 47, 22, 27, 21, 35.

- (A) 30.4
- (B) 38.0
- (C) 28.4
- (D) 32.4

Answer: A

Explanation: Average = sum / count = $152/5 = 30.4$.

Q677. What is 15% of 320?

- (A) 80.0
- (B) 64.0
- (C) 48
- (D) 32.0

Answer: C

Explanation: 15% of 320 = $(15/100) \times 320 = 48$.

Q678. Two quantities are in the ratio 2:3. If their total is 35, what is the first quantity?

- (A) 7
- (B) 21
- (C) 35
- (D) 14

Answer: D

Explanation: Total parts = 5. One part = $35/5 = 7$; first quantity = $2 \times 7 = 14$.

Q679. Two quantities are in the ratio 2:3. If their total is 85, what is the first quantity?

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

Answer: D

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

Q680. Two quantities are in the ratio 2:3. If their total is 85, what is the first quantity?

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

Answer: A

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

Q681. Find the simple interest on Rs. 2500 at 8% per annum for 2 years.

- (A) 150
- (B) 400
- (C) 650
- (D) 200

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 8 \times 2}{100} = \text{Rs. } 400$.

Q682. 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) 6.67
- (D) 60.0

Answer: C

Explanation: Combined rate = $\frac{1}{12} + \frac{1}{15} = \frac{27}{180}$; time = $\frac{180}{27} = 6.67$ days.

Q683. A vehicle travels at 30 km/h for 3.5 hours. What distance does it cover?

- (A) 33.5
- (B) 105
- (C) 120.0
- (D) 8.57

Answer: B

Explanation: Distance = speed $\times$ time = $30 \times 3.5 = 105$ km.

Q684. An item costs Rs. 400. At a profit of 10%, what is the selling price?

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

Answer: D

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

Q685. Two quantities are in the ratio 7:9. If their total is 96, what is the first quantity?

- (A) 54
- (B) 42
- (C) 96
- (D) 12

Answer: B

Explanation: Total parts = 16. One part = $96/16 = 6$; first quantity = $7 \times 6 = 42$.

Q686. A can finish a work in 6 days and B in 12 days. In how many days can they finish it together?

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

Answer: D

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

Q687. What is 40% of 450?

- (A) 225.0
- (B) 202.5
- (C) 157.5
- (D) 180

Answer: D

Explanation: 40% of 450 = $(40/100) \times 450 = 180$.

Q688. A can finish a work in 10 days and B in 24 days. In how many days can they finish it together?

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

Answer: A

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

Q689. An item costs Rs. 240. At a profit of 25%, what is the selling price?

- (A) 265
- (B) 300
- (C) 290
- (D) 180.0

Answer: B

Explanation: Selling price = $240 \times (1 + 25/100) = \text{Rs. } 300$.

Q690. What is 20% of 750?

- (A) 187.5
- (B) 150
- (C) 225.0
- (D) 112.5

Answer: B

Explanation: 20% of 750 = $(20/100) \times 750 = 150$.

Q691. Find the average of 32, 66, 55, 48, 32.

- (A) 46.6
- (B) 58.2
- (C) 48.6
- (D) 44.6

Answer: A

Explanation: Average = sum / count = $233/5 = 46.6$.

Q692. Find the average of 25, 74, 19, 76, 25.

- (A) 45.8
- (B) 43.8
- (C) 54.8
- (D) 41.8

Answer: B

Explanation: Average = sum / count = $219/5 = 43.8$.

Q693. Find the simple interest on Rs. 1000 at 12% per annum for 2 years.

- (A) 340
- (B) 120
- (C) 240
- (D) 140

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 12 \times 2}{100} = \text{Rs. } 240$.

Q694. A can finish a work in 8 days and B in 18 days. In how many days can they finish it together?

- (A) 14.4
- (B) 10
- (C) 5.54
- (D) 13.0

Answer: C

Explanation: Combined rate = $\frac{1}{8} + \frac{1}{18} = \frac{26}{144}$; time = $\frac{144}{26} = 5.54$ days.

Q695. Two quantities are in the ratio 4:5. If their total is 63, what is the first quantity?

- (A) 7
- (B) 63
- (C) 35
- (D) 28

Answer: D

Explanation: Total parts = 9. One part = $63/9 = 7$; first quantity = $4 \times 7 = 28$.

Q696. A vehicle travels at 40 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q697. What is 75% of 360?

- (A) 288.0
- (B) 270
- (C) 306.0
- (D) 252.0

Answer: B

Explanation: $75\% \text{ of } 360 = (75/100) \times 360 = 270$.

Q698. Two quantities are in the ratio 4:5. If their total is 117, what is the first quantity?

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

Answer: B

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

Q699. An item costs Rs. 400. At a profit of 10%, what is the selling price?

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

Answer: D

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

Q700. Find the average of 21, 23, 47, 43, 55.

- (A) 37.8
- (B) 35.8
- (C) 39.8
- (D) 47.2

Answer: A

Explanation: Average = sum / count = $189/5 = 37.8$.

Q701. Find the average of 31, 59, 40, 78, 50.

- (A) 64.5
- (B) 49.6
- (C) 51.6
- (D) 53.6

Answer: C

Explanation: Average = sum / count = $258/5 = 51.6$.

Q702. An item costs Rs. 400. At a profit of 20%, what is the selling price?

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

Answer: B

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

Q703. A can finish a work in 8 days and B in 18 days. In how many days can they finish it together?

- (A) 13.0
- (B) 10
- (C) 5.54
- (D) 14.4

Answer: C

Explanation: Combined rate = $1/8 + 1/18 = (26)/144$; time = $144/26 = 5.54$ days.

Q704. What is 60% of 400?

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

Answer: B

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

Q705. An item costs Rs. 400. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q706. Find the simple interest on Rs. 1000 at 5% per annum for 2 years.

- (A) 50
- (B) 100
- (C) 200
- (D) 1

Answer: B

Explanation: $SI = PRT/100 = 1000 \times 5 \times 2/100 = \text{Rs. } 100$.

Q707. What is 60% of 300?

- (A) 165.0
- (B) 210.0
- (C) 195.0
- (D) 180

Answer: D

Explanation: 60% of 300 = $(60/100) \times 300 = 180$.

Q708. Find the simple interest on Rs. 5000 at 12% per annum for 2 years.

- (A) 600
- (B) 1200
- (C) 1700
- (D) 700

Answer: B

Explanation: $SI = PRT/100 = 5000 \times 12 \times 2/100 = \text{Rs. } 1200$.

Q709. A vehicle travels at 72 km/h for 3.5 hours. What distance does it cover?

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

Answer: A

Explanation: Distance = speed x time = $72 \times 3.5 = 252$ km.

Q710. Find the average of 64, 42, 45, 15, 74.

- (A) 50
- (B) 48
- (C) 60.0
- (D) 46

Answer: B

Explanation: Average = sum / count = $240/5 = 48$.

Q711. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q712. What is 30% of 320?

- (A) 96
- (B) 128.0
- (C) 80.0
- (D) 112.0

Answer: A

Explanation: 30% of 320 = $(30/100) \times 320 = 96$.

Q713. Two quantities are in the ratio 2:3. If their total is 60, what is the first quantity?

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

Answer: C

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

Q714. What is 25% of 450?

- (A) 135.0
- (B) 112.5
- (C) 90.0
- (D) 157.5

Answer: B

Explanation: 25% of 450 = $(25/100) \times 450 = 112.5$.

Q715. What is 15% of 240?

- (A) 24.0
- (B) 48.0
- (C) 36
- (D) 60.0

Answer: C

Explanation: $15\% \text{ of } 240 = (15/100) \times 240 = 36$.

Q716. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

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

Answer: C

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

Q717. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

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

Q718. Find the average of 43, 52, 35, 16, 79.

- (A) 43
- (B) 45
- (C) 56.2
- (D) 47

Answer: B

Explanation: Average = sum / count = $225/5 = 45$.

Q719. What is 40% of 360?

- (A) 144
- (B) 162.0
- (C) 126.0
- (D) 180.0

Answer: A

Explanation: $40\% \text{ of } 360 = (40/100) \times 360 = 144$.

Q720. Two quantities are in the ratio 7:9. If their total is 96, what is the first quantity?

- (A) 42
- (B) 54
- (C) 12
- (D) 96

Answer: A

Explanation: Total parts = 16. One part = $96/16 = 6$; first quantity = $7 \times 6 = 42$.

Q721. What is 12.5% of 120?

- (A) 27.0
- (B) 15
- (C) 9.0
- (D) 21.0

Answer: B

Explanation: $12.5\% \text{ of } 120 = (12.5/100) \times 120 = 15.$

Q722. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: B

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

Q723. A vehicle travels at 45 km/h for 2 hours. What distance does it cover?

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

Answer: A

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

Q724. 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) 16.5
- (D) 270.0

Answer: A

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

Q725. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 16.67
- (B) 53
- (C) 175.0
- (D) 150

Answer: D

Explanation: Distance = speed $\times$ time = $50 \times 3 = 150$ km.

Q726. An item costs Rs. 400. At a profit of 30%, what is the selling price?

- (A) 460
- (B) 520
- (C) 430
- (D) 280.0

Answer: B

Explanation: Selling price = $400 \times (1 + 30/100) = \text{Rs. } 520.$

Q727. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 75
- (B) 252.0
- (C) 216
- (D) 24.0

Answer: C

Explanation: Distance = speed x time = $72 \times 3 = 216$ km.

Q728. Find the average of 69, 25, 13, 47, 36.

- (A) 47.5
- (B) 36
- (C) 40
- (D) 38

Answer: D

Explanation: Average = sum / count = $190/5 = 38$.

Q729. Find the simple interest on Rs. 1200 at 12% per annum for 3 years.

- (A) 432
- (B) 312
- (C) 144
- (D) 552

Answer: A

Explanation: SI = $PRT/100 = 1200 \times 12 \times 3/100 = \text{Rs. } 432$.

Q730. What is 12.5% of 300?

- (A) 37.5
- (B) 22.5
- (C) 52.5
- (D) 67.5

Answer: A

Explanation: 12.5% of 300 = $(12.5/100) \times 300 = 37.5$.

Q731. What is 75% of 800?

- (A) 640.0
- (B) 560.0
- (C) 600
- (D) 680.0

Answer: C

Explanation: 75% of 800 = $(75/100) \times 800 = 600$.

Q732. Find the simple interest on Rs. 4000 at 6% per annum for 4 years.

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

Answer: B

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

Q733. A vehicle travels at 36 km/h for 2.5 hours. What distance does it cover?

- (A) 14.4
- (B) 108.0
- (C) 90
- (D) 38.5

Answer: C

Explanation: Distance = speed x time = $36 \times 2.5 = 90$ km.

Q734. What is 25% of 400?

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

Answer: A

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

Q735. A vehicle travels at 40 km/h for 3 hours. What distance does it cover?

- (A) 13.33
- (B) 120
- (C) 140.0
- (D) 43

Answer: B

Explanation: Distance = speed x time = $40 \times 3 = 120$ km.

Q736. Two quantities are in the ratio 3:4. If their total is 126, what is the first quantity?

- (A) 18
- (B) 54
- (C) 126
- (D) 72

Answer: B

Explanation: Total parts = 7. One part = $126/7 = 18$; first quantity = $3 \times 18 = 54$.

Q737. Find the average of 28, 31, 64, 47, 13.

- (A) 45.8
- (B) 34.6
- (C) 36.6
- (D) 38.6

Answer: C

Explanation: Average = sum / count = $183/5 = 36.6$.

Q738. An item costs Rs. 320. At a profit of 12%, what is the selling price?

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

Answer: B

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

Q739. An item costs Rs. 600. At a profit of 25%, what is the selling price?

- (A) 625
- (B) 650
- (C) 450.0
- (D) 750

Answer: D

Explanation: Selling price = $600 \times (1 + 25/100) = \text{Rs. } 750$.

Q740. A vehicle travels at 30 km/h for 4 hours. What distance does it cover?

- (A) 135.0
- (B) 34
- (C) 120
- (D) 7.5

Answer: C

Explanation: Distance = speed $\times$ time = $30 \times 4 = 120 \text{ km}$.

Q741. Find the simple interest on Rs. 1000 at 8% per annum for 2 years.

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

Answer: A

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

Q742. Find the simple interest on Rs. 5000 at 5% per annum for 4 years.

- (A) 500
- (B) 1000
- (C) 1500
- (D) 250

Answer: B

Explanation: $SI = PRT/100 = 5000 \times 5 \times 4/100 = \text{Rs. } 1000$.

Q743. An item costs Rs. 300. At a profit of 30%, what is the selling price?

- (A) 390
- (B) 360
- (C) 210.0
- (D) 330

Answer: A

Explanation: Selling price = $300 \times (1 + 30/100) = \text{Rs. } 390$.

Q744. 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) 9.47
- (D) 360.0

Answer: C

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

Q745. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 75.0
- (B) 32
- (C) 15.0
- (D) 60

Answer: D

Explanation: Distance = speed x time = $30 \times 2 = 60$ km.

Q746. Two quantities are in the ratio 3:5. If their total is 104, what is the first quantity?

- (A) 65
- (B) 39
- (C) 26
- (D) 104

Answer: B

Explanation: Total parts = 8. One part = $104/8 = 13$; first quantity = $3 \times 13 = 39$.

Q747. Find the average of 49, 14, 46, 24, 27.

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

Answer: C

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

Q748. Find the simple interest on Rs. 1500 at 12% per annum for 2 years.

- (A) 180
- (B) 510
- (C) 360
- (D) 210

Answer: C

Explanation: $SI = \frac{PRT}{100} = 1500 \times 12 \times 2/100 = \text{Rs. } 360$.

Q749. A vehicle travels at 45 km/h for 3.5 hours. What distance does it cover?

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

Answer: C

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

Q750. Two quantities are in the ratio 3:4. If their total is 70, what is the first quantity?

- (A) 30
- (B) 40
- (C) 10
- (D) 70

Answer: A

Explanation: Total parts = 7. One part = $70/7 = 10$; first quantity = $3 \times 10 = 30$.

Q751. Find the average of 37, 42, 74, 56, 25.

- (A) 46.8
- (B) 48.8
- (C) 44.8
- (D) 58.5

Answer: A

Explanation: Average = sum / count = $234/5 = 46.8$.

Q752. An item costs Rs. 200. At a profit of 10%, what is the selling price?

- (A) 23
- (B) 180.0
- (C) 220
- (D) 210

Answer: C

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

Q753. Two quantities are in the ratio 3:4. If their total is 119, what is the first quantity?

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

Answer: C

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

Q754. A can finish a work in 10 days and B in 18 days. In how many days can they finish it together?

- (A) 14.0
- (B) 22.5
- (C) 8
- (D) 6.43

Answer: D

Explanation: Combined rate = $1/10 + 1/18 = (28)/180$; time = $180/28 = 6.43$ days.

Q755. A vehicle travels at 54 km/h for 3 hours. What distance does it cover?

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

Answer: D

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

Q756. Find the simple interest on Rs. 3000 at 12% per annum for 3 years.

- (A) 780
- (B) 1080
- (C) 360
- (D) 1380

Answer: B

Explanation: SI = $PRT/100 = 3000 \times 12 \times 3/100 = \text{Rs. } 1080$.

Q757. Find the average of 33, 72, 15, 46, 33.

- (A) 39.8
- (B) 37.8
- (C) 49.8
- (D) 41.8

Answer: A

Explanation: Average = sum / count = $199/5 = 39.8$.

Q758. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: C

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

Q759. What is 35% of 450?

- (A) 202.5
- (B) 135.0
- (C) 157.5
- (D) 180.0

Answer: C

Explanation: 35% of 450 = $(35/100) \times 450 = 157.5$.

Q760. A vehicle travels at 45 km/h for 3 hours. What distance does it cover?

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

Answer: A

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

Q761. A vehicle travels at 54 km/h for 2 hours. What distance does it cover?

- (A) 135.0
- (B) 56
- (C) 27.0
- (D) 108

Answer: D

Explanation: Distance = speed x time = $54 \times 2 = 108$ km.

Q762. Find the average of 75, 47, 38, 22, 65.

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

Answer: B

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

Q763. A can finish a work in 20 days and B in 18 days. In how many days can they finish it together?

- (A) 360.0
- (B) 9.47
- (C) 19.0
- (D) 2

Answer: B

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

Q764. A can finish a work in 18 days and B in 20 days. In how many days can they finish it together?

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

Answer: B

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

Q765. An item costs Rs. 240. At a profit of 15%, what is the selling price?

- (A) 276
- (B) 270
- (C) 255
- (D) 204.0

Answer: A

Explanation: Selling price = $240 \times (1 + 15/100) = \text{Rs. } 276$.

Q766. A can finish a work in 15 days and B in 30 days. In how many days can they finish it together?

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

Answer: A

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

Q767. An item costs Rs. 200. At a profit of 12%, what is the selling price?

- (A) 889
- (B) 224
- (C) 176.0
- (D) 212

Answer: B

Explanation: Selling price = $200 \times (1 + 12/100) = \text{Rs. } 224$.

Q768. Find the average of 53, 32, 16, 78, 10.

- (A) 47.2
- (B) 39.8
- (C) 35.8
- (D) 37.8

Answer: D

Explanation: Average = sum / count = $189/5 = 37.8$.

Q769. Find the average of 63, 44, 24, 33, 18.

- (A) 38.4
- (B) 36.4
- (C) 45.5
- (D) 34.4

Answer: B

Explanation: Average = sum / count = $182/5 = 36.4$.

Q770. Find the average of 50, 45, 48, 40, 57.

- (A) 48
- (B) 46
- (C) 60.0
- (D) 50

Answer: A

Explanation: Average = sum / count = $240/5 = 48$.

Q771. An item costs Rs. 500. At a profit of 25%, what is the selling price?

- (A) 525
- (B) 375.0
- (C) 625
- (D) 550

Answer: C

Explanation: Selling price = $500 \times (1 + 25/100) = \text{Rs. } 625$.

Q772. Find the average of 47, 79, 44, 46, 34.

- (A) 48
- (B) 52
- (C) 62.5
- (D) 50

Answer: D

Explanation: Average = sum / count = $250/5 = 50$.

Q773. Find the simple interest on Rs. 2000 at 6% per annum for 2 years.

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

Answer: D

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

Q774. A can finish a work in 8 days and B in 12 days. In how many days can they finish it together?

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

Answer: B

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

Q775. Find the simple interest on Rs. 2500 at 6% per annum for 4 years.

- (A) 350
- (B) 600
- (C) 850
- (D) 150

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{2500 \times 6 \times 4}{100} = \text{Rs. } 600.$

Q776. Two quantities are in the ratio 3:4. If their total is 35, what is the first quantity?

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

Answer: B

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

Q777. A vehicle travels at 45 km/h for 4 hours. What distance does it cover?

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

Answer: A

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

Q778. An item costs Rs. 750. At a profit of 12%, what is the selling price?

- (A) 840
- (B) 774
- (C) 762
- (D) 660.0

Answer: A

Explanation: Selling price = $750 \times (1 + 12/100) = \text{Rs. } 840.$

Q779. Find the simple interest on Rs. 1000 at 10% per annum for 4 years.

- (A) 300
- (B) 500
- (C) 400
- (D) 100

Answer: C

Explanation: $SI = \frac{PRT}{100} = \frac{1000 \times 10 \times 4}{100} = \text{Rs. } 400.$

Q780. An item costs Rs. 300. At a profit of 15%, what is the selling price?

- (A) 315
- (B) 345
- (C) 330
- (D) 255.0

Answer: B

Explanation: Selling price = $300 \times (1 + 15/100) = \text{Rs. } 345.$

Q781. A can finish a work in 20 days and B in 30 days. In how many days can they finish it together?

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

Answer: B

Explanation: Combined rate = $\frac{1}{20} + \frac{1}{30} = \frac{50}{600}$; time = $\frac{600}{50} = 12.0$ days.

Q782. Find the average of 48, 13, 77, 25, 79.

- (A) 48.4
- (B) 46.4
- (C) 50.4
- (D) 60.5

Answer: A

Explanation: Average = sum / count = $\frac{242}{5} = 48.4$.

Q783. Find the average of 37, 46, 75, 17, 12.

- (A) 46.8
- (B) 35.4
- (C) 39.4
- (D) 37.4

Answer: D

Explanation: Average = sum / count = $\frac{187}{5} = 37.4$.

Q784. Two quantities are in the ratio 3:5. If their total is 72, what is the first quantity?

- (A) 27
- (B) 45
- (C) 72
- (D) 18

Answer: A

Explanation: Total parts = 8. One part = $\frac{72}{8} = 9$; first quantity = $3 \times 9 = 27$.

Q785. What is 35% of 240?

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

Answer: C

Explanation: 35% of 240 = $\frac{35}{100} \times 240 = 84$.

Q786. Find the average of 24, 45, 27, 35, 49.

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

Answer: C

Explanation: Average = sum / count = $\frac{180}{5} = 36$.

Q787. What is 40% of 180?

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

Answer: D

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

Q788. What is 15% of 160?

- (A) 40.0
- (B) 16.0
- (C) 24
- (D) 32.0

Answer: C

Explanation: $15\% \text{ of } 160 = (15/100) \times 160 = 24.$

Q789. A can finish a work in 6 days and B in 20 days. In how many days can they finish it together?

- (A) 4.62
- (B) 13.0
- (C) 8.57
- (D) 14

Answer: A

Explanation: Combined rate = $1/6 + 1/20 = (26)/120$; time = $120/26 = 4.62$ days.

Q790. What is 5% of 480?

- (A) 0
- (B) 72.0
- (C) 24
- (D) 48.0

Answer: C

Explanation: $5\% \text{ of } 480 = (5/100) \times 480 = 24.$

Q791. What is 75% of 200?

- (A) 140.0
- (B) 150
- (C) 160.0
- (D) 170.0

Answer: B

Explanation: $75\% \text{ of } 200 = (75/100) \times 200 = 150.$

Q792. A vehicle travels at 30 km/h for 2.5 hours. What distance does it cover?

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

Answer: B

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

Q793. A can finish a work in 18 days and B in 15 days. In how many days can they finish it together?

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

Answer: C

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

Q794. Find the average of 10, 21, 68, 64, 51.

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

Answer: A

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

Q795. Find the simple interest on Rs. 4000 at 10% per annum for 2 years.

- (A) 664
- (B) 1200
- (C) 800
- (D) 400

Answer: C

Explanation: SI = $PRT/100 = 4000 \times 10 \times 2/100 = \text{Rs. } 800$.

Q796. What is 10% of 120?

- (A) 6.0
- (B) 24.0
- (C) 12
- (D) 18.0

Answer: C

Explanation: 10% of 120 = $(10/100) \times 120 = 12$.

Q797. A vehicle travels at 36 km/h for 2 hours. What distance does it cover?

- (A) 18.0
- (B) 72
- (C) 38
- (D) 90.0

Answer: B

Explanation: Distance = speed x time = $36 \times 2 = 72$ km.

Q798. An item costs Rs. 320. At a profit of 10%, what is the selling price?

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

Answer: A

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

Q799. What is 35% of 800?

- (A) 240.0
- (B) 280
- (C) 320.0
- (D) 360.0

Answer: B

Explanation: $35\% \text{ of } 800 = (35/100) \times 800 = 280$.

Q800. A vehicle travels at 50 km/h for 4 hours. What distance does it cover?

- (A) 200
- (B) 54
- (C) 225.0
- (D) 12.5

Answer: A

Explanation: Distance = speed $\times$ time = $50 \times 4 = 200$ km.

Q801. Find the average of 41, 42, 49, 30, 33.

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

Answer: A

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

Q802. What is 50% of 180?

- (A) 81.0
- (B) 99.0
- (C) 108.0
- (D) 90

Answer: D

Explanation: $50\% \text{ of } 180 = (50/100) \times 180 = 90$.

Q803. A can finish a work in 10 days and B in 12 days. In how many days can they finish it together?

- (A) 2
- (B) 5.45
- (C) 60.0
- (D) 11.0

Answer: B

Explanation: Combined rate = $1/10 + 1/12 = (22)/120$; time = $120/22 = 5.45$ days.

Q804. An item costs Rs. 400. At a profit of 25%, what is the selling price?

- (A) 300.0
- (B) 450
- (C) 425
- (D) 500

Answer: D

Explanation: Selling price = $400 \times (1 + 25/100) = \text{Rs. } 500$.

Q805. A vehicle travels at 30 km/h for 2 hours. What distance does it cover?

- (A) 75.0
- (B) 60
- (C) 32
- (D) 15.0

Answer: B

Explanation: Distance = speed x time = $30 \times 2 = 60$ km.

Q806. An item costs Rs. 300. At a profit of 12%, what is the selling price?

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

Answer: D

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

Q807. Two quantities are in the ratio 5:7. If their total is 144, what is the first quantity?

- (A) 24
- (B) 144
- (C) 60
- (D) 84

Answer: C

Explanation: Total parts = 12. One part = $144/12 = 12$; first quantity = $5 \times 12 = 60$.

Q808. What is 30% of 360?

- (A) 144.0
- (B) 126.0
- (C) 108
- (D) 90.0

Answer: C

Explanation: 30% of 360 = $(30/100) \times 360 = 108$.

Q809. Find the average of 38, 54, 76, 35, 67.

- (A) 54
- (B) 56
- (C) 67.5
- (D) 52

Answer: A

Explanation: Average = sum / count = $270/5 = 54$.

Q810. Two quantities are in the ratio 7:9. If their total is 288, what is the first quantity?

- (A) 36
- (B) 126
- (C) 162
- (D) 288

Answer: B

Explanation: Total parts = 16. One part = $288/16 = 18$; first quantity = $7 \times 18 = 126$.

Q811. Two quantities are in the ratio 3:4. If their total is 126, what is the first quantity?

- (A) 54
- (B) 72
- (C) 126
- (D) 18

Answer: A

Explanation: Total parts = 7. One part = $126/7 = 18$; first quantity = $3 \times 18 = 54$.

Q812. What is 25% of 360?

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

Answer: A

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

Q813. A vehicle travels at 50 km/h for 3 hours. What distance does it cover?

- (A) 175.0
- (B) 150
- (C) 53
- (D) 16.67

Answer: B

Explanation: Distance = speed $\times$ time = $50 \times 3 = 150$ km.

Q814. What is 75% of 320?

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

Answer: D

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

Q815. A vehicle travels at 50 km/h for 2.5 hours. What distance does it cover?

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

Answer: D

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

Q816. Two quantities are in the ratio 3:4. If their total is 91, what is the first quantity?

- (A) 91
- (B) 52
- (C) 39
- (D) 13

Answer: C

Explanation: Total parts = 7. One part = $91/7 = 13$; first quantity = $3 \times 13 = 39$.

Q817. What is 10% of 120?

- (A) 24.0
- (B) 12
- (C) 18.0
- (D) 6.0

Answer: B

Explanation: $10\% \text{ of } 120 = (10/100) \times 120 = 12.$

Q818. Find the average of 61, 15, 39, 65, 23.

- (A) 38.6
- (B) 42.6
- (C) 50.8
- (D) 40.6

Answer: D

Explanation: $\text{Average} = \text{sum} / \text{count} = 203/5 = 40.6.$

Q819. Find the simple interest on Rs. 1200 at 6% per annum for 3 years.

- (A) 96
- (B) 72
- (C) 336
- (D) 216

Answer: D

Explanation: $SI = PRT/100 = 1200 \times 6 \times 3/100 = \text{Rs. } 216.$

Q820. What is 30% of 160?

- (A) 64.0
- (B) 48
- (C) 56.0
- (D) 40.0

Answer: B

Explanation: $30\% \text{ of } 160 = (30/100) \times 160 = 48.$

Q821. An item costs Rs. 600. At a profit of 12%, what is the selling price?

- (A) 624
- (B) 612
- (C) 528.0
- (D) 672

Answer: D

Explanation: $\text{Selling price} = 600 \times (1 + 12/100) = \text{Rs. } 672.$

Q822. A vehicle travels at 40 km/h for 3 hours. What distance does it cover?

- (A) 13.33
- (B) 120
- (C) 140.0
- (D) 43

Answer: B

Explanation: $\text{Distance} = \text{speed} \times \text{time} = 40 \times 3 = 120 \text{ km.}$

Q823. What is 15% of 120?

- (A) 30.0
- (B) 24.0
- (C) 12.0
- (D) 18

Answer: D

Explanation: $15\% \text{ of } 120 = (15/100) \times 120 = 18.$

Q824. Find the average of 29, 47, 13, 79, 16.

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

Answer: B

Explanation: $\text{Average} = \text{sum} / \text{count} = 184/5 = 36.8.$

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) 8
- (C) 6.43
- (D) 14.0

Answer: C

Explanation: $\text{Combined rate} = 1/10 + 1/18 = (28)/180$; $\text{time} = 180/28 = 6.43 \text{ days}.$

Q826. What is 12.5% of 120?

- (A) 21.0
- (B) 27.0
- (C) 9.0
- (D) 15

Answer: D

Explanation: $12.5\% \text{ of } 120 = (12.5/100) \times 120 = 15.$

Q827. An item costs Rs. 250. At a profit of 25%, what is the selling price?

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

Answer: A

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

Q828. Two quantities are in the ratio 4:5. If their total is 45, what is the first quantity?

- (A) 20
- (B) 45
- (C) 25
- (D) 5

Answer: A

Explanation: $\text{Total parts} = 9.$ One part $= 45/9 = 5$; first quantity $= 4 \times 5 = 20.$

Q829. Two quantities are in the ratio 7:9. If their total is 192, what is the first quantity?

- (A) 192
- (B) 108
- (C) 84
- (D) 24

Answer: C

Explanation: Total parts = 16. One part = $192/16 = 12$; first quantity = $7 \times 12 = 84$.

Q830. A vehicle travels at 30 km/h for 3.5 hours. What distance does it cover?

- (A) 120.0
- (B) 33.5
- (C) 105
- (D) 8.57

Answer: C

Explanation: Distance = speed $\times$ time = $30 \times 3.5 = 105$ km.

Q831. Find the average of 20, 30, 55, 37, 71.

- (A) 44.6
- (B) 53.2
- (C) 42.6
- (D) 40.6

Answer: C

Explanation: Average = sum / count = $213/5 = 42.6$.

Q832. Two quantities are in the ratio 5:7. If their total is 60, what is the first quantity?

- (A) 25
- (B) 60
- (C) 35
- (D) 10

Answer: A

Explanation: Total parts = 12. One part = $60/12 = 5$; first quantity = $5 \times 5 = 25$.

Q833. Find the average of 49, 73, 22, 29, 63.

- (A) 59.0
- (B) 47.2
- (C) 49.2
- (D) 45.2

Answer: B

Explanation: Average = sum / count = $236/5 = 47.2$.

Q834. A vehicle travels at 72 km/h for 3 hours. What distance does it cover?

- (A) 24.0
- (B) 252.0
- (C) 216
- (D) 75

Answer: C

Explanation: Distance = speed $\times$ time = $72 \times 3 = 216$ km.

Q835. A can finish a work in 6 days and B in 18 days. In how many days can they finish it together?

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

Answer: B

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

Q836. Find the average of 57, 24, 72, 60, 63.

- (A) 69.0
- (B) 53.2
- (C) 57.2
- (D) 55.2

Answer: D

Explanation: Average = sum / count = $276/5 = 55.2$.

Q837. Two quantities are in the ratio 5:7. If their total is 108, what is the first quantity?

- (A) 45
- (B) 63
- (C) 108
- (D) 18

Answer: A

Explanation: Total parts = 12. One part = $108/12 = 9$; first quantity = $5 \times 9 = 45$.

Q838. 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: $SI = PRT/100 = 2000 \times 6 \times 2/100 = \text{Rs. } 240$.

Q839. Find the simple interest on Rs. 5000 at 8% per annum for 4 years.

- (A) 1600
- (B) 400
- (C) 2100
- (D) 1100

Answer: A

Explanation: $SI = PRT/100 = 5000 \times 8 \times 4/100 = \text{Rs. } 1600$.

Q840. Find the simple interest on Rs. 3000 at 12% per annum for 2 years.

- (A) 360
- (B) 420
- (C) 720
- (D) 1020

Answer: C

Explanation: $SI = PRT/100 = 3000 \times 12 \times 2/100 = \text{Rs. } 720$.

Q841. Find the average of 76, 15, 17, 11, 18.

- (A) 27.4
- (B) 29.4
- (C) 25.4
- (D) 34.2

Answer: A

Explanation: Average = sum / count = $137/5 = 27.4$.

Q842. An item costs Rs. 300. At a profit of 12%, what is the selling price?

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

Answer: D

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

Q843. What is 50% of 450?

- (A) 247.5
- (B) 202.5
- (C) 270.0
- (D) 225

Answer: D

Explanation: 50% of 450 = $(50/100) \times 450 = 225$.

Q844. A vehicle travels at 40 km/h for 3.5 hours. What distance does it cover?

- (A) 160.0
- (B) 140
- (C) 11.43
- (D) 43.5

Answer: B

Explanation: Distance = speed x time = $40 \times 3.5 = 140 \text{ km}$.

Q845. What is 30% of 750?

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

Answer: C

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

Q846. An item costs Rs. 300. At a profit of 12%, what is the selling price?

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

Answer: B

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

Q847. Find the simple interest on Rs. 4000 at 5% per annum for 4 years.

- (A) 400
- (B) 800
- (C) 200
- (D) 1200

Answer: B

Explanation: $SI = \frac{PRT}{100} = \frac{4000 \times 5 \times 4}{100} = \text{Rs. } 800.$

Q848. An item costs Rs. 750. At a profit of 25%, what is the selling price?

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

Answer: D

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

Q849. Find the average of 61, 53, 23, 79, 34.

- (A) 62.5
- (B) 50
- (C) 52
- (D) 48

Answer: B

Explanation: Average = $\frac{\text{sum}}{\text{count}} = \frac{250}{5} = 50.$

Q850. A can finish a work in 18 days and B in 12 days. In how many days can they finish it together?

- (A) 216.0
- (B) 15.0
- (C) 7.2
- (D) 6

Answer: C

Explanation: Combined rate = $\frac{1}{18} + \frac{1}{12} = \frac{30}{216}$; time = $\frac{216}{30} = 7.2$ days.

General Awareness

Q851. 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.

Q852. 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.

Q853. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q854. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q855. The fundamental unit of life is

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

Answer: A

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

Q856. 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.

Q857. The planet known as the Red Planet is

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

Answer: D

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

Q858. 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.

Q859. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q860. The SI unit of force is

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

Answer: B

Explanation: Force is measured in newtons (N).

Q861. 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.

Q862. 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.

Q863. 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.

Q864. 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.

Q865. 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.

Q866. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q867. The Parliament of India consists of

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

Answer: A

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

Q868. The largest ocean on Earth is

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

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q869. 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.

Q870. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q871. The Parliament of India consists of

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

Answer: A

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

Q872. The longest river entirely within India is

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

Answer: A

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

Q873. 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.

Q874. 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.

Q875. The currency of Japan is

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

Answer: B

Explanation: Japan uses the yen.

Q876. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q877. 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.

Q878. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q879. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q880. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q881. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q882. The longest river entirely within India is

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

Answer: C

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

Q883. 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.

Q884. 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.

Q885. 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.

Q886. 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.

Q887. The largest ocean on Earth is

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

Answer: A

Explanation: The Pacific is Earth's largest ocean.

Q888. The currency of Japan is

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

Answer: D

Explanation: Japan uses the yen.

Q889. 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.

Q890. The longest river entirely within India is

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

Answer: A

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

Q891. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q892. 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.

Q893. 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.

Q894. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q895. The largest ocean on Earth is

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

Answer: D

Explanation: The Pacific is Earth's largest ocean.

Q896. 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.

Q897. 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.

Q898. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q899. The fundamental unit of life is

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

Answer: B

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

Q900. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q901. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q902. The speed of light in vacuum is approximately

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

Answer: C

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

Q903. 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.

Q904. The Constitution of India came into force on

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

Answer: C

Explanation: It came into force on 26 January 1950.

Q905. The Constitution of India came into force on

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

Answer: A

Explanation: It came into force on 26 January 1950.

Q906. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q907. The fundamental unit of life is

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

Answer: B

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

Q908. Photosynthesis mainly occurs in which cell organelle?

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

Answer: A

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q909. 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.

Q910. The speed of light in vacuum is approximately

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

Answer: D

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

Q911. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q912. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q913. The speed of light in vacuum is approximately

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

Answer: D

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

Q914. The speed of light in vacuum is approximately

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

Answer: D

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

Q915. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q916. The speed of light in vacuum is approximately

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

Answer: D

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

Q917. The longest river entirely within India is

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

Answer: A

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

Q918. The fundamental unit of life is

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

Answer: A

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

Q919. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q920. 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.

Q921. 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.

Q922. 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.

Q923. 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.

Q924. The speed of light in vacuum is approximately

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

Answer: C

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

Q925. Photosynthesis mainly occurs in which cell organelle?

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

Answer: D

Explanation: Chloroplasts contain chlorophyll and carry out photosynthesis.

Q926. 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.

Q927. The Parliament of India consists of

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

Answer: B

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

Q928. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q929. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q930. 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.

Q931. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q932. The largest ocean on Earth is

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

Answer: B

Explanation: The Pacific is Earth's largest ocean.

Q933. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q934. The fundamental unit of life is

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

Answer: D

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

Q935. 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.

Q936. 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.

Q937. The chemical symbol for sodium is

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

Answer: C

Explanation: Na comes from the Latin name natrium.

Q938. 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.

Q939. The speed of light in vacuum is approximately

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

Answer: C

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

Q940. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q941. Who wrote the Indian national anthem?

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

Answer: A

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q942. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q943. 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.

Q944. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q945. 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.

Q946. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q947. The planet known as the Red Planet is

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

Answer: A

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

Q948. 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.

Q949. 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.

Q950. 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.

Q951. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q952. 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.

Q953. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q954. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q955. The fundamental unit of life is

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

Answer: B

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

Q956. 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.

Q957. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q958. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q959. The currency of Japan is

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

Answer: A

Explanation: Japan uses the yen.

Q960. 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.

Q961. 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.

Q962. The chemical symbol for sodium is

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

Answer: B

Explanation: Na comes from the Latin name natrium.

Q963. 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.

Q964. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q965. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q966. Which blood cells primarily carry oxygen?

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

Answer: C

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

Q967. 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.

Q968. The capital of India is

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

Answer: D

Explanation: New Delhi is the capital of India.

Q969. The Constitution of India came into force on

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

Answer: B

Explanation: It came into force on 26 January 1950.

Q970. The fundamental unit of life is

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

Answer: A

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

Q971. The longest river entirely within India is

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

Answer: A

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

Q972. 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.

Q973. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q974. The fundamental unit of life is

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

Answer: D

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

Q975. The SI unit of force is

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

Answer: D

Explanation: Force is measured in newtons (N).

Q976. Which blood cells primarily carry oxygen?

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

Answer: A

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

Q977. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q978. 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.

Q979. Who wrote the Indian national anthem?

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

Answer: B

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q980. The currency of Japan is

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

Answer: C

Explanation: Japan uses the yen.

Q981. 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.

Q982. Which gas is most abundant in Earth's atmosphere?

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

Answer: B

Explanation: Nitrogen is about 78% of the atmosphere.

Q983. The chemical symbol for sodium is

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

Answer: D

Explanation: Na comes from the Latin name natrium.

Q984. 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.

Q985. 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.

Q986. The Constitution of India came into force on

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

Answer: D

Explanation: It came into force on 26 January 1950.

Q987. 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.

Q988. Who wrote the Indian national anthem?

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

Answer: C

Explanation: Rabindranath Tagore wrote Jana Gana Mana.

Q989. 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.

Q990. Which gas is most abundant in Earth's atmosphere?

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

Answer: C

Explanation: Nitrogen is about 78% of the atmosphere.

Q991. The speed of light in vacuum is approximately

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

Answer: C

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

Q992. The capital of India is

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

Answer: A

Explanation: New Delhi is the capital of India.

Q993. 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.

Q994. The fundamental unit of life is

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

Answer: B

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

Q995. The SI unit of force is

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

Answer: A

Explanation: Force is measured in newtons (N).

Q996. The longest river entirely within India is

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

Answer: A

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

Q997. 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.

Q998. 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.

Q999. 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.

Q1000. 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.

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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