

[Fundamentals of Accounting, Mercantile Law, General Economics, Quantitative aptitude]

General Instructions

1. The test is of 2 hours duration and consists of 200 questions. Each question carries 1 mark. For each correct response the candidate will get 1 mark.
 2. Use Blue/Black ball point pen only for writing particulars on this page / marking responses.
 3. Rough work is to be done on the paper provided.
 4. The candidates should ensure that the Answer sheet is not folded. Do not make any stay marks on the Answer sheet.
 5. Use of white fluid for correction is not permissible on the Answer Sheet.
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1. The word market is derived from the Latin word 'Marcatus' which means _____.
a) Trade b) Commerce c) Merchandise d) All the above
2. A void contract is _____.
a) An agreement which is not enforceable by law
b) An agreement which is voidable at the option of promise
c) A contract which ceases to be enforceable by law
d) An agreement which is voidable at the option of promisor
3. Original offer is rejected when there is _____.
a) Standing offer b) Counter offer c) Cross offer d) None of the above
4. Which of the following is true?
a) There can be a stranger to contract b) There can be a stranger to consideration
c) There can be both stranger to consideration and stranger to contract
d) None of the above
5. If in a contract both legal and illegal part exists, the legal part is separable from illegal part, then the legal part is _____.
a) void b) valid c) voidable d) illegal
6. A promise to pay time barred debt must be _____.
a) An oral promise b) An implied promise c) In writing and signed by debtor or his authorized agent d) None of the above
7. _____ is a marketer keenly watches the developments taking place in the market and identifies marketing opportunities emerging in the ever changing market.
a) Instigator b) Innovator c) Integrator d) Implementer
8. For the necessities supplied to a minor, the amount can be recovered from _____.
a) Minor's personally b) Minor's Guardian c) Minor's estate d) Minor's is not at all liable
9. A told B that he gives Rs.500 if it rains and B told to give like amount if it does not rain. The agreement is _____.
a) Contingent contract b) Future contract c) Wagering agreement d) None of the above
10. A person finds goods belonging to another person in a public place. In such a case, the finder _____.
a) Becomes owner of the goods
b) Does not become owner of the goods, but can use them
c) duty to trace the owner and return the goods to him
d) Can sell them without taking any effort to trace the owner

11. _____ means wrapping and crating of goods before distribution.
 a) Grading b) Pricing c) Branding d) Packing
12. _____ refers to selling of goods and services through a shopping website or through virtual store to the ultimate consumer.
 a) E-tailing b) E-commerce c) E-Business d) All the above
13. Amar promises to paint a picture for Rambabu. Here, the promise must be performed by Amar himself, because _____.
 a) It is based on personal skill of Amar b) It is of mercantile nature
 c) Cannot be performed by his legal representatives d) Can be rescinded by the promise
14. If no time is specified for performance of a contract, it must be performed within a reasonable time. "Reasonable time" means _____.
 a) Which seems reasonable to the promisor b) Which seems reasonable to the promisee
 c) Which is reasonable under the facts & circumstances of the case
 d) Which time is determined as reasonable by a third party
15. _____ marketing denotes a strategy of directing all marketing efforts towards one well defined segment of the population.
 a) vival b) Niche c) Ambush d) Guerilla
16. Ram, Lal and Shyam jointly promise to pay Mohan Rs.30,000. Shyam paid the whole amount to Mohan. If Ram and Lal are solvent, Shyam can recover _____.
 a) Rs.50,000 from Lal b) Rs.10,000 each from Ram & Lal
 c) Rs.30,000 from Ram d) Rs.20,000 from Lal
17. _____ refers to laws or rules being liberalized or relaxed by a government.
 a) Liberalisation b) Privatization c) Globalisation d) None of the above
18. In case of reciprocal promises, which is not applicable?
 a) They can perform simultaneously b) They cannot perform simultaneously
 c) They can be fixed by the parties to the contract
 d) As depending upon the nature of the contract
19. Number of parties in a bill to exchange are _____.
 a) 2 b) 3 c) 4 d) 6
20. _____ is one who thinks and acts like an entrepreneur for the firm's development during the course of employment in an organisation.
 a) Entrepreneur b) Intrapreneur c) Manager d) All the above
21. Novation means _____.
 a) Alteration in the terms of the contract b) Rescission of the contract
 c) Remission of performance of contract
 d) Substitution of an existing contract with a new one
22. In case of Anticipatory breach of contract, remedies to the aggrieved party are _____.
 a) Rescind the contract and immediately claim damages
 b) Can wait till the due date c) Either a) or b) d) None of the above
23. The compulsory dissolution of a firm will arise in case of _____.
 a) the insolvency of all partners b) On the death of majority of partners
 c) In case of continuous losses d) In case of dead lock of management

24. _____ of a property is called passing of property.
 a) Transfer of title b) Exchange of title c) Both a or b d) None of the above
25. When agent sells goods on behalf of principal, the buyer gets good title where the agent is _____.
 a) Mercantile agent b) Ordinary agent c) Deemed agent d) None
26. A horse is sold on sale or return basis where trial period is 3 days. Horse dies on second day without fault of either party. Who has to bear the loss?
 a) Buyer b) Seller c) Both d) None
27. The Consumer Protection Act, _____.
 a) 1986 b) 1989 c) 1992 d) 1980
28. When there are no sufficient profits to provide interest on capital, then profits are to be shared _____.
 a) Equally b) In profit sharing ratio c) In capital ratio d) None of the above
29. A document becomes document of title to goods if _____ undertaking to deliver the goods to holder exists.
 a) Statutory b) Unconditional c) Conditional d) None
30. In an agreement to sell where goods are under the possession of seller and buyer branches the contract, the remedy available to seller is _____.
 a) No suit can be filed b) Suit for damages c) Suit for price d) None
31. X agrees to deliver 100 kgs of wheat in exchange of 10 litres of milk. It is _____.
 a) Contract of sale b) Agreement to sell c) Goods sent on approval d) Barter
32. _____ is the king of modern marketing.
 a) Consumer b) Wholesaler c) Producer d) Retailer
33. Complaints can be filed by a _____.
 a) Seller b) Customer c) Consumer d) Wholesaler
34. Auctioneer is _____ of owner of goods.
 a) Seller b) Agent c) Bailee d) None
35. In an agreement to sell, transfer of property taken place in _____.
 a) Past b) Future c) Present d) Both a & c
36. _____ refers to protest against business injustices and to efforts at correcting these injustices.
 a) Consumerism b) Consumer exploitation c) Both a and b d) None of the above
37. MRTP Act, _____.
 a) 1960 b) 1968 c) 1969 d) 1972
38. _____ goods are those owned or possessed by the seller at the time of contract of sale.
 a) Contingent b) Existing c) Future d) Specific
39. A contracts with B to sell a new car, but A delivers an old car. Here is _____.
 a) Breach of contract b) Breach of exchange c) Breach of condition
 d) Breach of guarantee
40. In case of partnership, dissolution can be done by notice in case of _____.
 a) Partnership for fixed time b) Particular partnership c) Partnership at will d) None

41. Non-registration of the firm will not effect the following:
a) Claim of set off below Rs.100/- b) Suit by a third party against partners
c) Claim by official receiver of insolvent partner d) All the above
42. _____ entrepreneur is one who starts venture by virtue of his knowledge, skill, talent and competence.
a) Modern b) Classical c) First generation d) Urban
43. Right of a partner to open a bank account on behalf of the firm in his own name is not with in the scope of _____ authority.
a) Express b) Specified c) Implied d) Restrictive
44. The first priority of a consumer organization is to accelerate consumer awareness towards their _____.
a) rights b) duties c) right & duties d) none of the above
45. _____ environment refers to the sum total of factors of the society in which the business is located.
a) Social b) Political c) Technological d) Global
46. Which of the following is /are partnership?
a) A and B invest money to buy goods in auction by customs authorities, to sell and to share profits there on equally
b) Joint Hindu Family business
c) A and B are co-owners of a house and handed over it to C on lease basis they agreed to share rent equally
d) None
47. The word _____ means a written document by which a right is created in favour of certain person.
a) Negotiable b) Transfer c) Both a & b d) None of the above
48. A promise can be performed by _____.
a) Promisor himself b) Legal representation c) Agent d) All of the above
49. 'The right of safety, the right to be informed, the right to choose and the right to be heard', was defined by _____.
a) John F Kennedy b) Louis Allen c) Prof.Haney d) None of the above
50. _____ of contract can take place without alteration.
a) Alteration b) Novation c) Recission d) Remission
51. A, B and C are partners in a firm. If D is admitted as a new partner
a) Old firm is dissolved b) Old firm and old partnership is dissolved
c) Old partnership is reconstituted d) None of the above
52. Rent paid on 1st October, 2015 for the year to 30th September, 2016 was Rs.1200 and rent paid on 1st October 2016 was for the year to 30th September, 2017 was Rs.1600. Rent paid, as shown in the profit and loss account for the year ended, 31st December 2016, would be _____.
a) Rs. 1300 b) Rs. 1600 c) Rs. 1200 d) 1500
53. On the admission of a new partner increase in the value of assets is debited to _____.
a) Profit & Loss Adjustment account b) Assets account
c) Old partner's capital account d) Revaluation account

82. Abishek Rafat and Vivek are partners sharing profits in the ratio of 5:3:2. If Vivek retires, the New profit sharing ratio between Abishek and Ragul will be
 a) 3:2 b) 5:3 c) 5:2 d) None of these
83. The old profit sharing ratio among Rajender, Satish and Terbal is 2:2:1. The new profit sharing ratio after Sathish's Retirement is 3:2. The gaining ratio is _____.
 a) 3:2 b) 2:1 c) 1:1 d) 2:2
84. A bank reconciliation statement is prepared by _____.
 a) Creditors b) Bank c) Account holder in a bank d) Debtors
85. Unfavourable bank balance means _____.
 a) Credit Balance in cash book b) Credit balance in the pass book
 c) Debit balance in cash book d) None of these
86. _____ Ratios are primarily measures of Return.
 a) Liquidity b) Activity c) Debt d) Profitability
87. Favourable Bank balance means _____.
 a) Credit balance in the cash book b) Debit balance in the cash book
 c) credit balance in the pass book d) Both b and c
88. When a firm maintains a cash book. It need not maintain _____.
 a) journal proper b) purchases journal book
 c) bank and cash account in the ledger d) sales journal book
89. Trial balance is _____.
 a) A subsidiary book b) A principal book c) An account d) A statement
90. If the Equipment account has a balance of Rs.22,50,000 and the accumulated depreciation account has a balance of Rs.14,00,000 the book value of the equipment is _____.
 a) 22,50,000 b) Rs. 14,00,00 c) Rs. 8,50,000 d) Rs.36,50,000
91. At the time of admission of a New partner, General reserve appearing in the old balance sheet is transferred to _____.
 a) All Partner's capital account b) New Partner's capital account
 c) Old Partner's capital account d) None of the above
92. Inventory is valued either at cost or market price whichever is lower, according to the principle of _____.
 a) matching b) conservatism c) accrual d) none
93. At the time of admission of a partner, undistributed profits appearing in the balance sheet of the old firm is transferred to capital account of
 a) old partners in old profit sharing ratio b) Old partners in new profit sharing ratio
 c) All the partner in the new profit sharing Ratio d) None of the above
94. BRS is a part of _____.
 a) Financial statement b) Bank Book c) Cash Book d) None of the above
95. Profit on cancellation of own debentures is transferred to _____.
 a) Profit and Loss appropriation account b) Debenture redemption reserve
 c) Capital reserve d) None of the above
96. _____ is the example of internal users of financial statements.
 a) Government b) Employees c) Investors d) Creditors

114. Birth rate and Death rate are measured as per
 a) 1000 Population b) 100 Population c) 10000 Population d) 100000 Population
115. When prices rise rapidly like the running of a house at a rate of speed of 10%-20% per annum it is called _____.
 a) Walking inflation b) Creeping inflation c) Running inflation d) Galloping inflation
116. The green revolution is also known as _____.
 a) Rice revolution b) Maize revolution c) Wheat revolution d) Forest Revolution
117. Which of the following has been specifically established to meet the requirements of credit of the farmers and villages?
 a) ICICI Bank b) State Bank of India c) EXIM Bank d) Regional Rural Banks
118. Which of the following is also known as International Bank for reconstruction and Development?
 a) IMF b) RBI c) WTO d) World Bank
119. _____ Monopoly refers to a market situation in which a single producer faces a single buyer.
 a) Monopoly b) Bilateral Monopoly c) Natural Monopoly d) Legal Monopoly
120. Who is the official lender of the last resort in India?
 a) RBI b) SBI c) PNB d) OBC
121. The steel plants in Bihilai, Rourkela and Durgapur were set of in the _____.
 a) First Plan b) Third Plan c) Second Plan d) Fourth Plan
122. Jet Airways and Spice jet are examples of
 a) Private schools b) Private ships c) Private Airlines d) Private Railways
123. Multiplier is _____.
 a) $K = \frac{1}{1-MPC}$ b) $\frac{1}{MPC}$ c) $K = \frac{1}{1+MPC}$ d) $K = \frac{1}{1-MPS}$
124. In order to encourage investment in the country the RBI may
 a) Increase CRR b) Sell securities in the open Market c) Reduce CRR
 d) Increase Bank Rate
125. _____ expressed the view that “Economics is neutral between ends”.
 a) Marshall b) Robbins c) Pigou d) Adam Smith
126. _____ is the Banker’s Bank in India.
 a) SBI b) PNB c) RBI d) OBC
127. Which are the two developed countries from the following?
 a) Pakistan, Indonsia b) India, China c) Burma, Bunladesh d) Russia, USA
128. Gross Profit is _____.
 a) Total profit - Total Revenue
 b) Total Revenue - Total Cost
 c) Marginal Revenue - Total Cost
 d) Average Revenue - Total Cost
129. In a typical demand schedule, quantity demanded _____.
 a) Varies directly with price b) Varies Proportionately with prices
 c) Is independent of price d) Varies inversely with price
130. Production may be defined as an act of _____.
 a) Earning Profit b) Creating Utility c) Destroying Utility d) Providing Services

131. The sale of branded articles is common in a situation of
 a) Excess capacity b) Monopolistic Competition c) Monopoly d) Pure Competition
132. Liquidity preference was given by _____.
 a) Alfred Marshall b) Adam Smith c) J.S. Hill d) J.M Keynes
133. Supply of a commodity is a _____.
 a) Both Stock and Flow Concept b) Stock concept c) A flow concept d) None of these
134. A fall in average level of prices, the opposite of inflation
 a) depression b) Deflation c) Disinflation d) Stagflation
135. SJSRY stands for _____.
 a) Swarna Jayanthi Shahari Rozgar Yojana b) Shahasri Jeewan Sudhar Rashtriya Yojana
 c) Sampoorna Jeewan Shahari Rozgar Yojana d) None of the above
136. Total utility is maximum when _____.
 a) Marginal Utility is zero b) Marginal Utility is at its highest print
 c) Marginal Utility is equal to average utility d) Average Utility is maximum
137. _____ is the feature of capitalistic Economy.
 a) Price Mechanism b) Equality in Income c) Classless Society d) Economic Planning
138. The consumer is in equilibrium when the following condition is satisfied
 a) $\frac{MU_X}{MU_Y} > \frac{P_X}{P_Y}$ b) $\frac{MU_X}{MU_Y} = \frac{P_X}{P_Y}$ c) $\frac{MU_X}{MU_Y} < \frac{P_X}{P_Y}$ d) None of the above
139. The Marginal propensity to save _____.
 a) $\frac{\Delta C}{\Delta Y}$ b) $\frac{S}{Y}$ c) $\frac{C}{Y}$ d) $\frac{\Delta S}{\Delta Y}$
140. A vertical of supply curve parallel to y axis implies that the elasticity of supply is
 a) infinity b) zero c) equal to one d) Greater than Zero but less than infinity
141. Nominal wages are otherwise called as
 a) Real wages b) Piece wages c) Time wages d) Money wages
142. Conspicuous goods are also known as
 a) prestige goods b) snob goods c) veblen goods d) all of the above
143. The Marginal propensity to consume =
 a) $\frac{\Delta C}{\Delta Y}$ b) $\frac{C}{Y}$ c) $\frac{\Delta S}{\Delta Y}$ d) $\frac{S}{Y}$
144. The price of tomatoes increases and people buy tomato puree. You infer that tomato puree and tomatoes are _____.
 a) normal goods b) substitutes c) complements d) Inferior goods
145. Supply creates its own demand.
 a) J.S.Mill b) J.M.Keynes c) John Baptist Say d) Alfred Marshall
146. Goods that exhibit direct price –demand relationship are called _____.
 a) Complementary goods b) Substitute goods c) Giffen goods d) None of the above
147. Supply is a _____ concept.
 a) flow b) stock c) flow and stock d) none of the above
148. The amount of money which entrepreneurs expect to get by the output product _____.
 a) Aggregate demand b) Aggregate Supply c) Money Supply d) Effective demand
149. The supply function is given as $\theta = 100 + 10p$. Find the elasticity using point method. When price is ₹15
 a) 4 b) 3 c) -5 d) -3
150. _____ is a systematic record of a country's economic and financial transactions with the rest of the world over a period of time.
 a) Balance of Trade b) Balance A Payment c) Capital Account d) Price Adjustments

151. The degree and order of $y' + (y'')^2 = (x+y'')^2$
- a) (1, 2) b) (2, 1) c) (1, 1) d) (2, 2)
152. Demand function, $P =$ _____.
- a) $\frac{R}{x}$ b) Rx c) R d) $\frac{x}{R}$
153. If $a:b=4:1$ then $\sqrt{\frac{a}{b}} + \sqrt{\frac{b}{a}}$ is _____.
- a) 4 b) $\frac{5}{2}$ c) 5 d) $\frac{2}{7}$
154. The wages of 8 men and 6 boys amount to ₹ 33. If 4 men earns ₹ 4.50 more than 5 boys determine the wages of each man and boy.
- a) (₹ 1.50, ₹ 3) b) (₹ 3, ₹ 1.50) c) (₹ 2.50, ₹ 2) d) (₹ 2, ₹ 2.50)
155. Solving equation $Z + \sqrt{Z} = \frac{6}{25}$ the value of Z works out to _____.
- a) $\frac{1}{5}$ b) $\frac{1}{25}$ c) $\frac{2}{25}$ d) $\frac{2}{5}$
156. At equilibrium point, _____.
- a) $q_d \neq q_s$ b) $q_d < q_s$ c) $q_d > q_s$ d) $q_d = q_s$
157. If $f(x) = x^k$ and $f'(1)$ the value of k is _____.
- a) -10 b) $\frac{1}{10}$ c) $-\frac{1}{10}$ d) 10
158. Division of 750 into 3 parts in the ratio 4:5:6 is _____.
- a) (200, 250, 300) b) (250, 250, 250) c) (8:12:9) d) (350, 250, 150)
159. $\nabla y_n =$ _____
- a) $y_n + y_{n-1}$ b) $y_n + y_{n+1}$ c) $y_n - y_{n-1}$ d) $y_n - y_{n+1}$
160. If $x\sqrt{x} = (x\sqrt{x})^x$ then the value of x is _____.
- a) 0 b) -1 c) 2 d) 1
161. The value of $(125)^{\frac{-2}{3}} \times \sqrt{25} \times \sqrt[3]{5^3} \times 5^{\frac{1}{2}}$ is _____.
- a) 5 b) 0 c) $\sqrt{5}$ d) -5
162. The value of $\frac{1}{2} \log_{10} 25 - 2 \log_{10} 3 + \log_{10} 18$ is _____.
- a) 0 b) 1 c) -1 d) 2
163. $\nabla =$ _____
- a) $\frac{E+1}{E}$ b) $\frac{E-1}{E}$ c) $\frac{E}{E+1}$ d) $\frac{E}{E-1}$
164. If $a = \log_{24} 12$, $b = \log_{36} 24$ and $c = \log_{48} 36$ then $1 + abc =$ _____
- a) 2ab b) 2abc c) 2ca d) 2bc
165. If $x = \sqrt{3} + \frac{1}{\sqrt{3}}$ and $y = \sqrt{3} - \frac{1}{\sqrt{3}}$ then $x^2 - y^2$ is _____.
- a) 5 b) 4 c) $\frac{1}{\sqrt{3}}$ d) $\sqrt{3}$
166. $\frac{1}{a^{\log_b a}}$ has a value of _____.
- a) a b) a+b c) b d) none
167. The fourth part of a number exceeds the sixth part by 4. The number is _____.
- a) 48 b) 44 c) 84 d) 88

168. If a number of which the half is greater than $\frac{1}{5}$ th of the number by 15 then the number is
 a) 80 b) 40 c) 50 d) 100
169. If α, β be the roots of $2x^2 - 4x - 1 = 0$ then the value of $\frac{\alpha^2 + \beta^2}{\beta} + \frac{\beta^2}{\alpha}$ is _____.
 a) 22 b) -10 c) 10 d) -22
170. If c is a constant then $\Delta c =$ _____
 a) 0 b) 1 c) -1 d) c
171. If $2^{x-2} + 2^{3-x} = 3$ then the value of x is _____.
 a) 2 or 3 b) 3 or 4 c) 1 or 2 d) 5
172. If one root of $5^2x + 13x + p = 0$ be reciprocal of the other then the value of p is _____.
 a) -5 b) 5 c) $\frac{1}{5}$ d) $-\frac{1}{5}$
173. $\int \frac{2x}{x^2+7} \cdot dx =$ _____
 a) $\log(2x) + K$ b) $\log(x^2+7) + K$ c) $\log(x^2) + K$ d) $(x^2+7) + K$
174. $\int \cos x \cdot dx =$ _____
 a) $\sin x$ b) $-\sin x$ c) $\operatorname{cosec} x$ d) $-\operatorname{cosec} x$
175. The hypotenuse of a right-angled triangle is 20cm. The difference between its other two sides be 4cm. The sides are _____.
 a) (12, 16) b) (11, 15) c) (20, 24) d) (15, 16)
176. If $A = \begin{pmatrix} 6 & 10 \\ 3 & 5 \end{pmatrix}$ then it is a _____ matrix.
 a) Non-Singular b) Identity c) Symmetric d) Singular
177. When $Ax = B$ and if $e(A) \neq e(AB)$ then the system is _____.
 a) consistent b) inconsistent c) trivial d) non-trivial
178. $\int \frac{1}{5x+7} \cdot dx =$ _____
 a) $\log|5x + 7| + K$ b) $\frac{1}{5} \log|5x + 7| + K$ c) $\frac{1}{7} \log|5x + 7| + K$ d) $\log|5x| + K$
179. The inverse ratio of 11:15 is _____.
 a) $\sqrt{11} : \sqrt{15}$ b) 121:225 c) 15:11 d) 5:3
180. The area between the two given curves $y=f(x)$ and $y=g(x)$ from $x=a$ to $x=b$ is _____.
 a) $\int_a^b [f(x) + g(x)] dx$ b) $\int_a^b [f(x) - g(x)] \cdot dx$ c) $\int_a^b [f(x) \times g(x)] dx$ d) $\int_a^b \frac{f(x)}{g(x)} \cdot dx$
181. The sub-triplicate ratio of 8:27 is _____.
 a) 27:8 b) 2:3 c) 24:81 d) 5:7
182. If $x^{\frac{1}{p}} = y^{\frac{1}{q}} = z^{\frac{1}{r}}$ and $xyz = 1$ then the value of $p+q+r$ is _____.
 a) 0 b) -1 c) $\frac{1}{2}$ d) 1
183. The value of $y^{a-b} \times y^{b-c} \times y^{c-a} \times y^{-a-b}$ is _____.
 a) y^{a+b} b) $\frac{1}{y^{a+b}}$ c) y d) 1
184. If $2^x = 3^y = 6^{-z}$, $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$ is _____.
 a) 0 b) 2 c) 1 d) -1
185. If $nP_3 : nP_2 = 3:1$, then n is _____.
 a) 7 b) 5 c) 4 d) 3

186. If $MC=6+10x-6x^2$ then the cost function is _____.
- a) $10-12x+k$ b) $6x+5x^2-2x^3+k$ c) $6x+10-12x+k$ d) $10+k$
187. If 50 different jewels can be set to form a necklace then the number of ways is _____.
- a) $\frac{1}{2}(50!)$ b) $49!$ c) $\frac{49!}{2}$ d) $\frac{47!}{2}$
188. If $f(x)=\frac{1}{1-x}$ then $f^{-1}(x)$ is _____.
- a) $(1-x)$ b) $\frac{x}{x-1}$ c) $\frac{1}{1-x}$ d) $\frac{(x-1)}{x}$
189. If $y=\frac{1}{\sqrt{x}}$ then $\frac{dy}{dx}$ is _____.
- a) $\frac{-1}{2x\sqrt{x}}$ b) $\frac{1}{2x\sqrt{x}}$ c) $\frac{-1}{x\sqrt{x}}$ d) $\frac{1}{x\sqrt{x}}$
190. Average Revenue and _____ are equal.
- a) Profit b) Cost c) Revenue d) Marginal revenue
191. The derivative of $x^2 \cdot \log x$ is _____.
- a) $x(1+2 \log x)$ b) $2 \log x$ c) $1+2 \log x$ d) $2x \log x$
192. The H.M for 4,6,10 is _____.
- a) 5.5 b) 5.77 c) 5.47 d) 5.43
193. The modal value for the numbers 5, 8, 6,4, 10, 15, 18, 10 is _____.
- a) 15 b) 10 c) 5 d) 18
194. The fourth proportional to 4,6,8 is _____.
- a) 32 b) 12 c) 48 d) 64
195. $2^{\frac{1}{2}} \cdot 4^{\frac{3}{4}}$ is equal to _____.
- a) 2 b) 8 c) 4 d) 1
196. If $A=\begin{pmatrix} 2i & 3i \\ 2i & -i \end{pmatrix}$ then $|A|$ =_____
- a) 4 b) 2 c) 8 d) 5
197. The rank of a zero matrix is _____.
- a) 0 b) 1 c) -1 d) 2
198. For a 3×3 matrix, when $|A| \neq 0$ then rank of a matrix A is _____.
- a) 0 b) 1 c) 2 d) 3
199. If $A=\begin{pmatrix} 6 & 5 \\ 3 & 9 \end{pmatrix}$ then $(A^{-1})^{-1}$ is _____.
- a) A b) A^2 c) $-A$ d) $-A^2$
200. 8 is the solution of the equation _____.
- a) $\frac{x+4}{4} + \frac{x-5}{3} = 11$ b) $\frac{x+24}{5} = 4 + \frac{x}{4}$ c) $\frac{x-15}{10} + \frac{x+5}{5} = 4$ d) $\frac{x+4}{2} + \frac{x+10}{9} = 8$

151. Arrange the following words in a meaningful sequence:

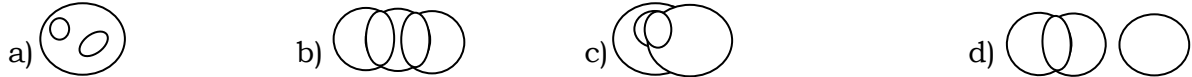
1. Infection 2. Consultation 3. Doctor 4. Treatment 5. Recovery

- a) 1,3,4,5,2 b) 1,2,3,4,5 c) 1,3,2,4,5 d) 2,3,5,1,4

152. Peter is in the East of Tom and Tom is in the north of John. Mike is in the south of John then in which direction of Peter is Mike?

- a) South-West b) South-East c) South d) North-East

153. Which of the following diagrams correctly represents lions, elephants and animals?



154. If in a certain language, NOIDA is coded OPJEB, how is DELHI coded in that language?

- a) CDKGH b) FGNJK c) IHLED d) EFMIJ

155. Which word does not belong to others?

- a) Inch b) Centimeter c) Yard d) Kilogram

156. Pointing to a photograph, a man said, "I have no brother and that man's father is my father's son". Whose photograph was it?

- a) His own b) His son c) His father d) His nephew

157. If $6 * 5 = 91$

$8 * 7 = 169$

$10 * 7 = 211$

Then $11 * 10 = ?$

- a) 993 b) 331 c) 211 d) 845

158.

46	58
34	?

- a) 92 b) 22 c) 72 d) 68

159. Find the next two terms of the series: 10, 34, 12, 31, 14, 28, 16, _____, _____

- a) 22, 18 b) 12, 18 c) 25, 18 d) 10, 18

160. Square : Cube :: _____

- a) Triangle : Prism b) Line : Cylinder c) Sphere : Earth d) Circle : Cone

161. Rhinoceros : Calf : Horse : _____

- a) Piglet b) Foal c) Duckling d) Fledgling

162. If A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older is C and D?

- a) 6 b) 3 c) 9 d) 12

163. Two positions of the dice are represented in the figure below. Which of the faces will be opposite to the face with?



- a) 1 b) 2 c) 3 d) None of the above

164. Tanuj is older than Eina. Chetan is older than Tanuj. Eina is older than Chetan. If the first two statements are true, the 3rd statement is _____.

- a) True b) False c) Uncertain d) None

165. Pens cost more than pencils. Pens cost less than eraser. Erasers cost more than pencils and pens. If the first two statements are true, the third statement is _____.
- a) False b) True c) Uncertain d) Irrelevant
166. Find the next number in the sequence: 30, 45, 90, 225, 675
- a) 1890 b) 2362.5 c) 1745 d) 1845
167. Antonio is 5 years older to Brenda and 7 years younger to Caflice, while Brenda and Darshan are twins. How many years older is Caflice to Darshan?
- a) 10 b) 12 c) 14 d) 18
168. Mukesh is 40 years old and he is five time as old as his brother Rohit. When Mukesh is thrice as old as Rohit then age of Mukesh is _____.
- a) 48 years b) 46 years c) 44 years d) 40 years
169. Find the next number in the sequence: 16, 30, 54, 88, 132,
- a) 188 b) 186 c) 190 d) 206
170. In ASEAN Summit, all leaders shake hands with each other once. How many hand shakes will there be altogether if there are 15 leaders?
- a) 75 b) 85 c) 105 d) 100
171. Rimpay is thrice as old as Saroj. Four years ago, she was five times as old as Saroj. How old is Rimpay now?
- a) 21 years b) 24 years c) 12 years d) 16 years
172. The boy is _____ small to be playing cricket.
- a) very b) highly c) still d) too
173. The boy was riding his cycle on the pavement when suddenly the car pulled over and he fall _____ suddenly.
- a) of b) from c) to d) off
174. What is the _____ for a letter here?
- a) cost b) postage c) charge d) fare
175. A Zoo has tigers and sparrows and they are 70 in number on counting their heads and their number of their legs is 210. How many sparrows are there?
- a) 37 b) 55 c) 35 d) 25
176. DNN, FPP, HRR, _____, LVV
- a) GRR b) GSS c) JTT d) ITT
177. Choose the odd letters: XW, FG, ML, PO, TS
- a) FG b) XW c) ML d) PO
178. Between 8.15 and 7.15 when will the hand of the clock coincide with each other?
- a) 30 b) 45 c) 40 d) 60
179. SCD, TEF, UGH, _____, WKL
- a) CMN b) VJI c) IJT d) VIJ
180. In a row of trees, one tree is fifth from either and end of the row. How many trees are there in the row?
- a) 15 b) 10 c) 9 d) 11
181. Chef : Restaurant
- a) Doctor : Treatment b) Driver : Car c) Teacher : School d) Writer : Blog
182. X, Y, Z, P, Q and S are sitting in a row. Q and S are in the centre while X and Y are at the ends. Z is sitting next to X on the left side. Who is sitting to the right of Y?
- a) P b) Q c) Y d) X
183. Computer : ? :: Human : Heart
- a) Monitor b) RAM c) ALU d) CPU

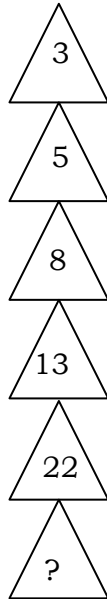
184. If you have me, you want to share me. If you share me, you haven't got me. What am I?

- a) Water b) Secret c) Food d) Knowledge

185. Duck : Cricket :: Dunk : ?

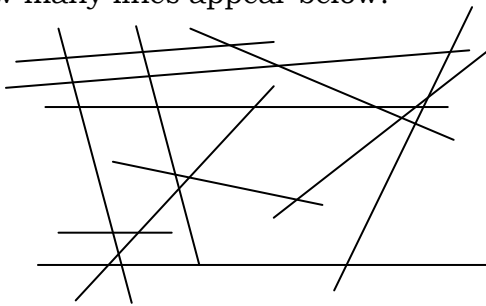
- a) Football b) Snooker c) Rugby d) Basketball

186. Which number replaces the question mark?



- a) 49 b) 25 c) 39 d) 31

187. How many lines appear below?



- a) 11 b) 14 c) 13 d) 12

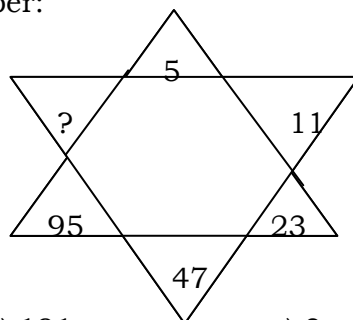
188. $\frac{12 \times 7 - 8 \times 5}{\sqrt{25} + 6} = ?$

- a) 5 b) 3 c) $2\frac{1}{11}$ d) none of these

189. BDF : GIK : OQS : ?

- a) PUT b) RVU c) TVX d) UWN

190. Find the missing number:



- a) 189 b) 191 c) 3 d) 255

191. $\frac{(893 + 786)^2 - (893 - 786)^2}{(893 \times 786)} = ?$

- a) 2 b) 4 c) 0 d) None of these

