

COMMERCE

1. A void contract is _____.
 - a) An agreement which is not enforceable by law
 - b) A contract which ceases to be enforceable by law
 - c) An agreement which is voidable at the option of promisee
 - d) An agreement which is voidable at the option of promisor
2. Which of the following is not correct?
 - a) Offer must not be conditional
 - b) Acceptance may be given in any manner
 - c) Acceptance must be absolute
 - d) Communication of offer is an essential element
3. Original offer is rejected when there is _____.
 - a) Standing offer
 - b) Cross offer
 - c) Counter offer
 - d) None of the above
4. A person advertised in newspaper to sell his old car. Then the offer is _____.
 - a) General offer
 - b) Specific offer
 - c) Continuing offer
 - d) None of the above
5. 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
6. If in a contract both legal and illegal part exists, the legal part is separable from illegal part, then the legal part is _____.
 - a) valid
 - b) void
 - c) voidable
 - d) illegal
7. 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
8. Maheswari promises to give Raman 1kg of opium if he destroys property of Nikhil. In this cause _____.
 - a) There is unlawful consideration
 - b) There is unlawful object
 - c) There is unlawful consideration and object is partly unlawful
 - d) Both consideration and object are unlawful
9. For the necessities supplied to a minor, the amount can be recovered from _____.
 - a) Minor's personally
 - b) Minor's estate
 - c) Minor's Guardian
 - d) Minor's is not at all liable
10. Which of the following statements is not correct?
 - a) In matters of fraud, intention to defraud is essential
 - b) Where consent to a contract is obtained by misrepresentation contract is voidable
 - c) A unilateral mistake renders agreement void
 - d) Mistake of foreign law is equal to mistake of fact
11. 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) Wagering agreement
 - c) Future contract
 - d) None of the above
12. Quasi contractual liabilities lead to _____.
 - a) Prevention of unjust enrichment
 - b) Counter offer
 - c) Cross offer
 - d) Specific offer

13. 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
14. Amar promises to paint a picture for Rambabu. Here, the promise must be performed by Amar himself, because _____.
- a) It is of mercantile nature
 - b) It is based on personal skill of Amar
 - c) Cannot be performed by his legal representatives
 - d) Can be rescinded by the promise
15. 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 determined as reasonable by a third party
 - d) Which is reasonable under the facts & circumstances of the case
16. If the time is the essence of contract & it is not performed within specified time, then _____
- a) The contract cannot be performed later on
 - b) The promisor can compel the promisee to accept the performance later on
 - c) The contract becomes voidable at the option of promisee
 - d) The contract becomes voidable at the option of promisor
17. 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.30,000 from Ram
 - c) Rs.20,000 from Lal
 - d) Rs.10,000 each from Ram & Lal
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. Novation means _____.
- a) Alteration in the terms of the contract
 - b) Rescission of the contract
 - c) Substitution of an existing contract with a new one
 - d) Remission of performance of contract
20. 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
21. Which of the following is incorrect?
- a) Ordinary damages are recoverable
 - b) Special damages are recoverable only if both the parties knew about them
 - c) Indirect damages are not recoverable
 - d) None of the above
22. The compulsory dissolution of a firm will arise in case of _____.
- a) On the death of majority of partners
 - b) the insolvency of all partners
 - c) In case of continuous losses
 - d) In case of dead lock of management

23. When a new partner is admitted to the firm, the consent should be obtained by _____.
- a) All partners b) Majority of partners c) Partner with maximum capital contribution
d) With the permission of registrar of firms
24. When there are no sufficient profits to provide interest on capital, then profits are to be shared in _____.
- a) Equally b) In profit sharing ratio c) In capital ratio d) None of the above
25. When agent sells goods on behalf of principal, the buyer gets good title where the agent is _____.
- a) Ordinary agent b) Mercantile agent c) Deemed agent d) None
26. The buyer of goods gets good title, if the seller has acquired goods under _____.
- a) Void contract b) Contract c) Voidable contract d) None
27. 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) Seller b) Buyer c) Both d) None
28. A document becomes document of title to goods if _____ undertaking to deliver the goods to holder exists.
- a) Statutory b) Conditional c) Unconditional d) None
29. In a Contract of Sale, consideration can be _____.
- a) In any form other than money b) Only in the form of money
c) Gratuitous or non-gratuitous 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) Suit for damages b) No suit can be filed 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. In which of the following cases, the seller can exercise right of stoppage of goods in transit
- a) When buyer becomes insolvent b) When possession is not transferred
c) When seller is unpaid d) None
33. Auctioneer is _____ of owner of goods.
- a) Seller b) Bailee c) Agent d) None
34. In a Contract of Sale, condition is _____ to main purpose of contract.
- a) Essential b) Collateral c) Non essential d) None
35. In an agreement to sell, transfer of property taken place in _____.
- a) Past b) Present c) Future d) Both a & c
36. Caveat emptor means _____.
- a) The seller should be beware b) The buyer should be beware c) Both a & b
d) None
37. 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
38. In case of partnership, dissolution can be done by notice in case of _____.
- a) Partnership at will b) Partnership for fixed time c) Particular partnership d) None

39. The partner who gets its share of profit is _____.
- a) Sub partner b) Nominal partner c) Active partner d) None
40. Which of the following is incorrect?
- a) A partner can be expelled by majority of partners
b) A partner can be expelled in good faith
c) Power to expel partner must exist in contract between partners
d) Opportunity of being heard is not required at the time of expulsion of partner
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. 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) Implied b) Express c) Specified d) Restrictive
43. 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
44. In case of no agreement among partners insolvency of partners leads to _____.
- a) Dissolution of firm b) Dissolution of partnership as well as firm
c) Neither dissolution of firm nor dissolution of partnership d) None
45. A partner can retire from the firm
- a) When assignee is appointed b) When he attains certain age
c) In accordance with partnership deed d) When the nominee becomes partner
46. Some persons formed a group to collect money for the purpose of giving financial assistance to windows. Here is _____.
- a) Partnership b) No partnership c) Either (a) or (b) d) None
47. A promise can be performed by _____.
- a) Promisor himself b) Agent c) Legal representation d) All of the above
48. On which of the following grounds, a partner need not apply to the court for dissolution of the firm.
- a) Insanity of partner b) Perpetual losses c) Misconduct of partner
d) Business becoming unlawful
49. The subsequent change in law leads to _____.
- a) Supervening impossibility b) Partial impossibility c) Commercial impossibility
d) Material alteration
50. _____ of contract can take place without consideration.
- a) Alteration b) Recission c) Novation d) Remission

ACCOUNTANCY

51. 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. 1200 b) Rs. 1600 c) Rs. 1300 d) 1500
52. A company purchased a Machinery on April 01, 2012, for Rs. 15,00,000. It is estimated that the Machinery will have useful life of 5 years after which it will have no salvage value the depreciation charged during the year 2016-17 was _____.
a) 500,000 b) 400,000 c) 300,000 d) 100,000
53. Premium of redemption of debentures account appearing in the balance sheet is _____.
a) A Nominal account – expenditure b) A Normal account – Income
c) A Personal account d) A Real account
54. The cost of a Machine is Rs.20,00,000. Two years later the book value is Rs.10,00,000. The Straight line percentage depreciation is _____.
a) 50% b) $33\frac{1}{3}\%$ c) 25% d) 20%
55. Which of the following assets does not depreciate?
a) Machinery and equipment b) patents c) Land d) Famishes
56. Writing of t transaction in the ledger is called _____.
a) Posting b) Formalizing c) Balancing d) Casting
57. Dividends are usually paid as a percentage _____.
a) Authorized share capital b) Net Profit c) Paid-up capital d) None of the above
58. A Bank Reconciliation statement is prepare of with the help of _____.
a) Bank statement and Bank column of the cash book
b) Bank statement and cash column of the cash book
c) Bank column of the cash book and cash column of the cash book
d) None of the above
59. The main objective of providing depreciation is to _____.
a) Crete secret reserve b) Reduce the book value of Assets
c) Value the assets property d) Allocate costs of the assets
60. In formal, the entries which pertain to out standing expenses, prepaid expenses or depreciation are called _____.
a) Adjusting entries b) Rectification of entries c) Transfer entries d) Closing entries
61. All of the following are functions of accounting except.
a) Decision-Malting b) Ledger Posting c) For casting d) Measurement
62. Which of the following is not a column of a three – column cash book?
a) Cash column b) Bank column c) Petty cash column d) Discount column
63. Bank overdraft as per cash book on 31st December 2017, Rs. 10500 cheque sent for collection but not collected Rs.8250 cheque issued but not presented for payment Rs.12000. Balance as per pass book over draft will be _____.
a) 6200 b) 6500 c) 6000 d) 6750

64. Average inventory =Rs.12000 closing inventory is Rs.3000 more than opening inventory. The value of closing inventory =
a) Rs.12,000 b) Rs. 24,000 c) Rs.13,500 d) 10,500
65. Goods costing Rs.7500 were sold at 25% profit on selling price. The sales will be of _____
a) Rs.8000 b) Rs. 9000 c) Rs.10,000 d) None
66. If opening equity of a business is Rs.90,000 profit for the year is Rs.20,000 and liabilities at the end of year are of Rs.60,000 total of assets side of business will be.
Rs.150000 b) Rs.120000 c) Rs.30,000 d) Rs.170000
67. Fluctuating capital account is credited with _____
a) Interest on capital b) Profit of the year
c) Salaries or Remuneration of the partners d) All of the above
68. The preparation of a trial balance is for _____
a) Locating errors of commission b) Locating errors of principle
c) Locating clerical errors d) All of the above
69. Cash book is a type of _____ but treated as a _____.
a) Subsidiary book, Principal book b) Principal book, Subsidiary book
c) Subsidiary book, subsidiary book d) Principal book, Principal book
70. Book keeping is Mainly concerned with _____.
a) Recording of financial data b) Designing the system in recording
c) Interpreting the data for internal and external uses d) None of the above
71. If cost of goods sold is Rs.80700, opening stock Rs.5800 and closing stock Rs. 6000. Then the amount of purchase will be _____.
a) Rs. 80500 b) Rs.74900 c) Rs.74700 d) Rs.80900
72. How many sides does an account have?
a) Two b) Three c) One d) None of these
73. A purchase of machine for cash should be debited to _____.
a) Cash account b) Machine account c) Purchase account d) None of the above
74. Agreement of Trial balance is not a _____ proof of accuracy.
a) Submissive b) Inclusive c) Exhaustive d) Conclusive
75. Which of the following is wrong?
a) All real and personal accounts are transferred to balance sheet
b) Nominal accounts are transferred to P & L account
c) Each account is opened separately in ledger
d) Rent is a personal account, outstanding rent is nominal account
76. Depreciation Declines the value of _____.
a) Fixed Assets b) Current Assets c) Intangibly Assets d) None of the above
77. Installation, freight and transport expenses are a part of _____.
a) Wear and tear b) Obsdemsce c) Exhaustion of natural Resources d) None of the above
78. Incomplete records generally used by _____.
a) Small traders b) Finn c) Government d) None of the above
79. A concept that a business enterprises will not be sold or liquidated in the near future is known as _____.
a) Going concern b) Economic entity c) Monetary unit d) None of the above

80. When a entry is made in formal
- Assets are listed first
 - Accounts to be debited listed first
 - Accounts to be credited listed first
 - Accounts May be listed in any order
81. Fournal entry to record salaries will include_____.
- Debit salaries credit cash
 - Debit capital credit cash
 - Debit Monthly bill and credit cash
 - Debit monthly bill and credit creditors
82. A bank reconciliation statement is prepared by _____.
- Creditors
 - Bank
 - Account holder in a bank
 - Debtors
83. A bank reconciliation statement is prepare with the balance.
- Pass Book
 - Cash book
 - Both Pass book and Cash book
 - None of the above
84. Pass book is a copy of _____.
- Copy of customer account
 - Bank column of cash book
 - Cash column of cash book
 - Copy of receipts and payments
85. Unfavourable bank balance means _____.
- Credit balance in the pass book
 - Credit Balance in cash book
 - Debit balance in cash book
 - None of these
86. Favourable Bank balance means_____.
- Credit balance in the cash book
 - credit balance in the pass book
 - Debit balance in the cash book
 - Both b and c
87. A bank reconciliation statement is mainly prepared for _____.
- reconcile the cash balance of the cash book
 - reconcile the difference between the bank balance shown by the cash book and bank pass book
 - Both b and c
 - None of these
88. When a finn maintains a cash book. If need not maintain.
- formal proper
 - purchases formal book
 - sales formal book
 - bank and cash account in the ledger
89. Double column cash book records _____.
- all transactions
 - cash and bank transactions
 - only cash transactions
 - credit transactions
90. Trial balance is _____.
- An account
 - A statement
 - A subsidiary book
 - A principal book
91. Agreement of trial balance is affected by _____.
- one sided errors only
 - Two sided errors
 - Both a & b
 - None of the above
92. 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 _____.
- Rs.36,50,000
 - 22,50,000
 - Rs. 14,00,00
 - Rs. 8,50,000
93. A bill drawn and accepted for mutual help is known as _____ bill.
- accommodation
 - trade
 - ordinary
 - retired
94. Inventory is valued either at cost or market prince whichever is lower, according to the principle of _____.
- conservatism
 - matching
 - accrual
 - none

95. BRS is a part of _____.
- a) Financial statement b) Bank Book c) Cash Book d) None
96. A decrease in the provision for doubtful debts would result in _____.
- a) Increase in liability b) Decrease in liability
c) Decrease in net profit d) Increase in net profit
97. Following is the examples of internal users of financial statements.
- a) Government b) Investors c) Creditors d) Employees
98. Which of the following is not a transaction?
- a) Goods are purchased on cash basis for Rs.1000
b) Salaries paid for the Month of May, 2016
c) Land is purchased for Rs.10 lakhs
d) An employee dismissed from the job
99. If the profit is 25% of the cost price then it is _____.
- a) 25% of the sales price b) 33% of the sales price
c) 20% of the sales price d) 15% of the sales price
100. 3000 shares of Rs.10 each of Krishna was forfeited by crediting Rs.5000 to share forfeiter Account. Out of these 1,800 were reissued to Radha for Rs.9 for share. The amount to be transferred to capital reserve account will be _____.
- a) Rs.3200 b) Rs.2000 c) Rs.291800 d) Rs.1200

ECONOMICS

101. Which of the following pairs of goods is an example of substitutes?
- a) Tea and Sugar b) Tea and Coffee c) Pen and Ink d) Shirt and trousers
102. What is India's rank in the world population?
- a) First b) Second c) Third d) Fourth
103. Find the tax which is direct tax among the following
- a) Personal income tax b) Excise duty c) Sales tax d) Service tax
104. Larger production of _____ would lead to higher production in future.
- a) Consumer goods b) Capital goods c) Agricultural goods d) Public goods
105. A horizontal supply curve parallel to the quantity axis implies that the elasticity of supply.
- a) Zero b) Infinite c) Equal to one d) Greater than zero but less than one
106. _____ is the apex bank for agriculture credit.
- a) RBI b) SIDBI c) NABARD d) ICICI
107. A situation of employment in which a person is apparently employed but his contribution to the production is almost nil is called _____ unemployment.
- a) structural b) chronic c) disguised d) cyclical
108. The economic analysis expects the consumer to behave in a manner which is _____.
- a) Rational b) Irrational c) Emotional d) Indifferent
109. Which of the following is not, by definition, equal to National Income?
- a) National Product b) National Expenditure c) National Output d) National Wealth
110. Which of the following is not an objective of fiscal policy
- a) Economic Growth b) Economic Stability c) Maximization of employment level
d) Regulating of financial institutions

111. Birth rate and Death rate are measured as per
 a) 100 Population b) 1000 Population c) 10000 Population d) 100000 Population
112. The green revolution is also known as _____.
 a) Wheat revolution b) Rice revolution c) Maize revolution d) Forest Revolution
113. Which of the following has been specifically established to meet the requirements of credit of the farmers and villages?
 a) ICICI Bank b) Regional Rural Banks c) State Bank of India d) EXIM Bank
114. Per Capita national income means
 a) NNP + Population b) Population + NNP c) Total Capital + Population d) None of the above
115. Which of the following is also known as International Bank for reconstruction and Development?
 a) IMF b) RBI c) WTO d) World Bank
116. Who is the official lender of the last resort in India?
 a) SBI b) PNB c) RBI d) OBC
117. The steel plants in Bihilai, Rourkela and Durgapur were set of in the _____.
 a) First Plan b) Seond Plan c) Third Plan d) Fourth Plan
118. Which of the following is not a characterisitic of a “Price taker”?
 a) $TR=P \times Q$ b) $AR = Price$ c) Negatively – Sloped demand d) Marginal Revenue-Price
119. Which cost increases continuously with the increase in production?
 a) Average cost b) Marginal cost c) Fixed cost d) Variable cost
120. Jet Airways and Spice jet are examples of
 a) Private schools b) Private Airlines c) Private ships d) Private Railways
121. In order to encourage investment in the country the RBI may
 a) Reduce CRR b) Increase CRR c) Sell securities in the open Market
 d) Increase Bank Rate
122. _____ expressed the view that “Economics is neutral between end”
 a) Robbins b) Marshall c) Pigou d) Adam Smith
123. On an average, one post office in India serves _____.
 a) about 100 person b) about 1000 persons c) more than 7100 d) about 5800 persons
124. _____ is the Banker’s Bank in India.
 a) SBI b) PNB c) RBI d) OBC
125. In a typical demand schedule, quantity demanded
 a) Varies directly with price b) Varies Proportionately with prices
 c) Varies inversely with price d) Is independent of price
126. All of the following are U shaped curved except the
 a) AVC Curve b) AFC Curve c) AC Curve d) MC Curve
127. Production may be defined as an act of _____.
 a) Creating Utility b) Earning Profit c) Destroying Utility d) Providing Services
128. The sale of branded articles is common in a situation of
 a) Excess capacity b) Monopolistic Competition c) Monopoly d) Pure Competition

129. Supply of a commodity is a _____.
- a) Stock concept b) A flow concept c) Both Stock and Flow Concept d) None of these
130. 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
131. Money Stock in India refers to _____.
- a) M b) M₂ c) M₃ d) M₄
132. _____ is a systematic records of all the economic transactions between one country and rest of the world.
- a) Balance Trade b) Balance of transaction c) Budget d) Balance of payment
133. 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
134. An indifference curve slopes down towards right since more of one commodity and less of another result in
- a) same satisfaction b) greater satisfaction c) maximum satisfaction
d) decreasing expenditure
135. 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
136. In the case of a Giffen good the demand curve will be
- a) horizontal b) downward-sloping to the right c) vertical d) upward -sloping to the right
137. A vertical of supply curve parallel to y axis implies that the elasticity of supply is
- a) zero b) infinity c) equal to one d) Greater than Zero but less than infinity
138. The industry which was de-reserved in 1993?
- a) The Railways b) Mining of Copper and Zinc c) Atomic energy d) Atomic minerals
139. Conspicuous goods are also known as
- a) prestige goods b) snob goods c) veblen goods d) all of the above
140. The price of tomatoes increases and people buy tomato puree you infer that tomato puree and tomatoes are
- a) normal goods b) complements c) substitutes d) Inferior goods
141. Goods that exhibit direct price -demand relationship are called _____.
- a) Giffen goods b) Complementary goods c) Substitute goods d) None of the above
142. If price of computers increases by 10% and supply increases by 25% the elasticity of supply is
- a) 2.5 b) 0.4 c) (-)2.5 d) (-) 0.4
143. In a very short period, the supply
- a) can be changed b) cannot be changed c) can be increased d) none of the above
144. When supply curve moves to right, it means
- a) Supply increases b) Supply decreases c) Supply remains constant
d) None of the above
145. Which of the following goods is likely to have perfectly inelastic demand?
- a) Car b) Salt c) Cabbage d) Sugar
146. Supply is a _____ concept.
- a) Stock b) flow and stock c) flow d) none of the above
147. The supply curve for perishable commodities is _____.
- a) elastic b) inelastic c) perfectly elastic d) perfectly inelastic
148. If the percentage change in supply is less than the percentage change in price is called _____.
- a) Unit elasticity of supply b) Perfectly elastic c) More elastic supply d) Inelastic supply
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. When supply curve moves to the left, it means
- a) smaller supply b) Large supply c) Constant supply d) None of the above

BUSINESS MATHS

151. If $a:b=4:1$ then $\sqrt{\frac{a}{b}} + \sqrt{\frac{b}{a}}$ is _____.

a) $\frac{5}{2}$

b) 4

c) 5

d) $\frac{2}{7}$

152. The fourth proportional to 4,6,8 is _____.

a) 12

b) 32

c) 48

d) 64

153. The wages of 8 men and 6 boys amount ₹ 33. If 4 men earn ₹ 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)

154. Solving equation $Z + \sqrt{Z} = \frac{6}{25}$ the value of Z works out to _____.

a) $\frac{1}{5}$

b) $\frac{2}{5}$

c) $\frac{1}{25}$

d) $\frac{2}{25}$

155. In how many ways can 9 letters be posted in 4 letter boxes?

a) 4^9

b) 4^5

c) ${}_9P_4$

d) ${}_9C_4$

156. If $f(x)=x^k$ and $f'(1)$ the value of k is _____.

a) -10

b) $\frac{1}{10}$

c) 10

d) $-\frac{1}{10}$

157. If $x:y=2:3$, $y:z=4:3$ then $x:y:z$ is _____.

a) 2:3:4

b) 4:3:2

c) 3:2:4

d) none of these

158. Division ₹ 750 into 3 parts in the ratio 4:5:6 is _____.

a) (200, 250, 300)

b) (250, 250, 250)

c) (350, 250, 150)

d) (8:12:9)

159. If $x\sqrt{x}=(x\sqrt{x})^x$ then the value of x is _____.

a) 0

b) 1

c) 2

d) -1

160. $2^{\frac{1}{2}} \cdot 4^{\frac{3}{4}}$ is equal to _____.

a) 2

b) 4

c) 8

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) -5

c) $\sqrt{5}$

d) 0

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. If $a=\log_{24} 12$, $b=\log_{36} 24$ and $c=\log_{48} 36$ then $1+abc=$ _____

a) 2ab

b) 2bc

c) 2ca

d) 2abc

164. 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) $\sqrt{3}$

c) $\frac{1}{\sqrt{3}}$

d) 4

165. On solving the equation $\log t + \log (t-3)=1$ we get the value of t as _____.

a) 5

b) 2

c) 3

d) 0

166. $\frac{1}{a^{\log_b a}}$ has a value of _____.

a) a

b) b

c) a+b

d) none

167. The equation $\frac{12x+1}{4} = \frac{15x-1}{5} + \frac{2x-5}{3x-1}$ is true for _____.

a) $x=1$

b) $x=2$

c) $x=5$

d) $x=7$

168. The fourth part of a number exceeds the sixth part by 4. The number is _____.

a) 84

b) 44

c) 48

d) 88

169. If a number of which the half is greater than $\frac{1}{5}$ th of the number by 15 then the number is
a) 50 b) 40 c) 80 d) 100
170. $1.5x+2.4y=1.8$, $2.5(x+1)=7y$ have solutions as _____.
a) (0.5, 0.4) b) (0.4, 0.5) c) $(\frac{1}{2}, \frac{2}{5})$ d) (2, 5)
171. $\frac{4}{x} - \frac{5}{y} = \frac{x+y}{xy} + \frac{3}{10}$, $3xy=10(y-x)$ have solutions as _____.
a) (2,5) b) (5,2) c) (2,7) d) (3,4)
172. If α, β be the roots of $2x^2-4x-1=0$ then the value of $\frac{\alpha^2}{\beta} + \frac{\beta^2}{\alpha}$ is _____.
a) 10 b) -10 c) 22 d) -22
173. 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
174. 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) $-\frac{1}{5}$
175. If the root of the equation $x^2-8x+m=0$ exceeds the other by 4 then the value of m is _____.
a) 10 b) 11 c) 9 d) 12
176. The values of x for the equation $x^2+9x+18=6-4x$ are _____.
a) (1, 12) b) (-1, -12) c) (1, -12) d) (-1, 12)
177. The hypotenuse of a right-angled triangle is 20cm. The difference between its other two sides be 4cm. The sides are _____.
a) (11, 15) b) (12, 16) c) (20, 24) d) (15, 16)
178. If $A = \begin{pmatrix} 2i & 3i \\ 2i & -i \end{pmatrix}$ then $|A| =$ _____
a) 2 b) 4 c) 8 d) 5
179. If $A = \begin{pmatrix} 6 & 5 \\ 3 & 9 \end{pmatrix}$ then $(A^1)^1$ is _____.
a) A b) -A c) A^2 d) $-A^2$
180. If $A = \begin{pmatrix} 6 & 10 \\ 3 & 5 \end{pmatrix}$ then it is a _____ matrix.
a) Singular b) Non-Singular c) Identity d) Symmetric
181. If the amount owed after 6 months is ₹ 1050, borrowed amount being ₹ 1000 then the rate of interest is _____.
a) 5% b) 7% c) 9% d) 10%
182. A sum of money doubles itself in 10 years . The number of years it would triple itself is _____.
a) 25 years b) 15 years c) 20 years d) 10 years
183. The inverse ratio of 11:15 is _____.
a) 15:11 b) $\sqrt{11} : \sqrt{15}$ c) 121:225 d) 5:3
184. The sub-triplicate ratio of 8:27 is _____.
a) 27:8 b) 24:81 c) 2:3 d) 5:7
185. If $a:b=c:d=2.5:1.5$ then the value of $ad:bc$ is _____.
a) 1:1 b) 2:3 c) 3:5 d) 3:4
186. 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) 1 b) 0 c) $\frac{1}{2}$ d) -1

187. The value of $y^{a-b} \times y^{b-c} \times y^{c-a} \times y^{-a-b}$ is _____.

- a) y^{a+b} b) y c) 1 d) $\frac{1}{y^{a+b}}$

188. If $2^x = 3^y = 6^{-z}$, $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$ is _____.

- a) 0 b) 1 c) 2 d) -1

139. $\log(a^9) + \log a = 10$ if the value of a is given by _____.

- a) 0 b) 10 c) -1 d) -10

190. 8 is the solution of the equation _____.

- a) $\frac{x+4}{4} + \frac{x-5}{3} = 11$ b) $\frac{x+4}{2} + \frac{x+10}{9} = 8$ c) $\frac{x+24}{5} = 4 + \frac{x}{4}$ d) $\frac{x-15}{10} + \frac{x+5}{5} = 4$

191. If $nP_3 : nP_2 = 3:1$, then n is _____.

- a) 7 b) 4 c) 5 d) 3

192. If 50 different jewels can be set to form a necklace then the number of ways is _____.

- a) $\frac{1}{2}(50!)$ b) $\frac{49!}{2}$ c) 49! d) $\frac{47!}{2}$

193. The two arithmetic means between -6 and 14 is _____.

- a) $\frac{2}{3}, \frac{11}{3}$ b) $\frac{2}{3}, 7\frac{1}{3}$ c) $-\frac{2}{3}, -7\frac{1}{3}$ d) $\frac{2}{3}, \frac{1}{3}$

194. If $f(x) = \frac{1}{1-x}$ then $f^{-1}(x)$ is _____.

- a) (1-x) b) $\frac{(x-1)}{x}$ c) $\frac{x}{x-1}$ d) $\frac{1}{1-x}$

195. The gradient of the curve $y = 2x^3 - 3x^2 - 12x + 8$ at $x=0$ is _____.

- a) -12 b) 12 c) 0 d) -1

196. If $y = \frac{1}{\sqrt{x}}$ then $\frac{dy}{dx}$ is _____.

- a) $\frac{1}{2x\sqrt{x}}$ b) $\frac{-1}{x\sqrt{x}}$ c) $\frac{-1}{2x\sqrt{x}}$ d) $\frac{1}{x\sqrt{x}}$

197. The derivative of $x^2 \cdot \log x$ is _____.

- a) $1+2 \log x$ b) $x(1+2 \log x)$ c) $2 \log x$ d) $2x \log x$

198. The H.M for 4,6,10 is _____.

- a) 5.5 b) 5.47 c) 5.77 d) 5.43

199. If G.M of x is 10 and G.M of y is 15, then the G.M of xy is _____.

- a) 150 b) $\log 10 \times \log 15$ c) $\log 150$ d) $\log 10$

200. The modal value for the numbers 5, 8, 6,4, 10, 15, 18, 10 is _____.

- a) 5 b) 10 c) 15 d) 18

163. 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) 3 b) 6 c) 9 d) 12

164. Square : Cube :: _____

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

165. A, Z, D, Y, G, X, ?, ?

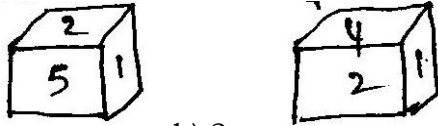
- a) W, J b) J, W c) W, K d) K, W

166. Which symbol will be opposite to the face containing the symbol 



- a) ! b) Δ c) ? d) ÷

167. 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

168. Pointing to a girl in the photograph, Ajay said, "Her mother's brother is the only son of my mother's father." How is the girl's mother related to Ajay?

- a) Mother b) Sister c) Aunt d) Grand mother

169. 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

170. 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) True b) False c) Uncertain d) Irrelevant

171. Find the next number in the sequence: 30, 45, 90, 225, 675

- a) 1890 b) 1745 c) 1845 d) 2362.5

172. Find the next number in the sequence: 190, 94, 46, 22, 10.4

- a) 1.5 b) 1 c) 0.5 d) 2

173. Find the next number in the sequence: 16, 30, 54, 88, 132,

- a) 186 b) 188 c) 190 d) 206

174. 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) 18 c) 14 d) 12

175. We have 16 columns and 18 rows of students in a playground and distance between the two students is 1.5 metres. The length of the row of students is _____.

- a) 20.5 m b) 22.5 m c) 22 m d) 25.5 m

176. Mukesh is 40 years old and he is five times as old as his brother Rohit. When Mukesh is thrice as old as Rohit then age of Mukesh is _____.

- a) 44 years b) 46 years c) 48 years d) 40 years

177. 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) 105 b) 85 c) 75 d) 100
178. 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) 12 years c) 24 years d) 16 years
179. 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) 35 c) 55 d) 25
180. A school has 2100 students. For every 20 students there is one class monitor. The number of monitors in the school is _____.
- a) 100 b) 75 c) 80 d) 85
181. To err is _____ to forgive divine.
- a) godly b) human c) bovine d) natural
182. The boy is _____ small to be playing cricket.
- a) very b) highly c) too d) still
183. A rolling stone gathers no _____.
- a) mass b) moss c) mess d) musk
184. The boy was riding his cycle on the pavement when suddenly the car pulled over and he fall _____ suddenly.
- a) of b) from c) off d) to
185. The bowler is one of the best in his state. He clearly is _____ to his team.
- a) An asset b) a boon c) a bane d) a gift
186. What is the _____ for a letter here?
- a) cost b) postage c) fare d) charge
187. DNN, FPP, HRR, _____, LVV
- a) GRR b) GSS c) JTT d) ITT
188. January 2, 2007 was Tuesday, what will be the day on Jan 2, 2008?
- a) Monday b) Tuesday c) Wednesday d) Thursday
189. Between 8.15 and 7.15 when will the hand of the clock coincide with each other?
- a) 30 b) 40 c) 45 d) 60
190. In 18 minutes, how much do the minutes gain over the hour hand?
- a) 80° b) 90° c) 99° d) 105°
191. What is the angle between the minute hand and hour hand when the time is 3.25?
- a) 47° b) 46° c) $47\frac{1}{2}^\circ$ d) $48\frac{1}{2}^\circ$
192. Choose the odd letters: XW, FG, ML, PO, TS
- a) XW b) FG c) ML d) PO
193. Choose the odd one out:
- a) Ukraine b) Kazakhstan c) Turkey d) Afghanistan
194. Select one which is different from the other three alternatives.
- a) 222 b) 10 c) 68 d) 125

195. If the third day of a month is Tuesday, which of the following would be the 4th day before the 27th day of that month?
- a) Tuesday b) Monday c) Wednesday d) Sunday
196. In a row of trees, one tree is fifth from either end of the row. How many trees are there in the row?
- a) 9 b) 15 c) 10 d) 11
197. C & (8, 2, F 4 8 H % # & < % 6 J 5 # ! 2
- How many symbols occupy odd position in the above sequences?
- a) 4 b) 5 c) 6 d) 7
198. Khan ranks 18th in a class of 49 students. What is his rank from the end?
- a) 40 b) 31 c) 32 d) 33
199. 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) X d) Y
200. If the two members of the group are girls and S is one of them, then what will be the other members of the group?
- a) w x QR b) W x RT c) W z P Q d) W z R T