

B.Com. (Hons) (2014-15) Paper Series-B


1. If set A has 5 elements then number of relations from A to A is
 (a) 5 (b) 25 (c) 2^{25} (d) 125
2. If R is a relation on a set $A = \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$ given by $xRy \Leftrightarrow y = 3x$, then R =
 (a) $\{(3,1), (6,2), (8,2), (9,3)\}$ (b) $\{(3,1), (6,2), (9,3)\}$
 (c) $\{(1,3), (2,6), (3,9)\}$ (d) Non of these
3. Let $f: R \rightarrow R$ be defined as $f(x) = x^2$ then
 (a) f is one-one onto (b) f is many-one onto
 (c) f is one-one but not onto (d) f is neither one-one not onto
4. The rank of the matrix $\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ is
 (a) 1 (b) 0 (c) 2 (d) 3
5. $A = \begin{bmatrix} 1 & 2 & 3 \\ 0 & 1 & 2 \\ 0 & 0 & 1 \end{bmatrix}$ is
 (a) an upper triangular matrix (b) a lower triangular matrix
 (c) a diagonal matrix (d) a symmetric matrix
6. If A and B are square matrices of order 2, then $\det(A+B) = 0$ is possible only when
 (a) $\det(A) = 0$ or $\det(B) = 0$ (b) $\det(A) + \det(B) = 0$
 (c) $\det(A) = 0$ and $\det(B) = 0$ (d) $A+B = 0$
7. $\int_{-1}^1 (x^3 + x^{11}) dx =$
 (a) 0 (b) $2/3$ (c) $1/3$ (d) $4/3$
8. $\int (x-1)e^{-x} dx$ is equal to
 (a) $-xe^{-x} + C$ (b) $xe^{-x} + C$ (c) $-xe^{-x} + C$ (d) $xe^{-x} + C$
9. If an unbiased die is thrown once, the variance of the number obtained is
 (a) $7/13$ (b) $35/12$ (c) $43/16$ (d) $21/23$
10. If a coin is tossed three times, then the probability that all three heads will come is
 (a) $1/2$ (b) $1/4$ (c) $1/3$ (d) $2/3$
11. Demand is the function of
 (a) Interest (b) Price (c) Income (d) Investment
12. Income elasticity of demand is positive for all persons for
 (a) Inferior goods (b) Giffen goods
 (c) Capital goods (d) Normal goods
13. Distinction between the time and industry disappears under
 (a) Perfect competition (b) Monopoly (c) Oligopoly (d) None

14. The best level of output for a firm perfect competition in the long run is given by the point where
(a) $P=MR=LMC$ (b) $P=MR=LMC$ and LMC is rising
(c) $MR=MC$ (d) All of the above
15. In the long-run the market price of a commodity is equal to its minimum average cost of production, if there is
(a) Perfect competition (b) Monopoly
(c) Oligopoly (d) Monopolistic competition
16. National income ordinarily means
(a) gross national product at market prices
(b) net national product at market prices
(c) gross national product at factor cost
(d) net national product at factor cost
17. The primary function of money is
(a) transfer of value (b) medium of exchange
(c) transfer of value (d) credit transfer
18. Which of the following is a legal tender in a modern economy?
(a) Currency notes (b) Bank cheques
(c) Bills of exchange (d) Promissory notes
19. "Supply creates its own demand". This statement was given by
(a) James Mill (b) J.B. Say (c) David Ricardo (d) J.S. Mill
20. Unbalanced budget may be
(a) Surplus budget (b) Deficit budget
(c) Both (a) and (b) (d) None of these
21. The Chairman of the 13th Finance Commission is
(a) Vijay L. Kelkar (b) Millen Kumar Banerjee
(c) C. Rangarajan (d) C.k. Jafar Sheriff
22. In which part of the Constitution, details of citizenship are mentioned?
(a) I (b) II (c) III (d) IV
23. The population of our country is presently of the world population
(a) 17.4% (b) 21.3% (c) 12.9% (d) 14.3%
24. Rolling plan was adopted in India in
(a) 1975 (b) 1985 (c) 2000 (d) 1978
25. Which of the following is not included in infrastructure in India?
(a) Education (b) Insurance (c) Energy (d) Transport
26. In which year the IBRD began operations
(a) July 1944 (b) December 1945
(c) June 1946 (d) November 1946

27. United Nations was established in
(a) 1942 (b) 1945 (c) 1939 (d) 1941
28. Which of the following is not a mountain range ?
(a) Alps (b) Neptune (c) Atlas (d) Andes
29. Gir Forest is in
(a) M.P. (b) Gujarat (c) Rajasthan (d) Chhattisgarh
30. Which of the following product is known as 'brown paper'
(a) Jute (b) Cotton (c) Rubber (d) Tobacco
31. Management is called a process because
(a) It is applicable to manufacturing process
(b) It is relevant for social organisations
(c) It involves a series of functions. (d) None of these
32. Principles of management are not
(a) Behavioural (b) Absolute (c) Universal (d) Flexible
33. Capital structure shows
(a) Debtor-creditor ratio (b) Fixed assets-current assets ratio
(c) Debt-equity ratio (d) Interest-cover ratio
34. Which of the following money market instrument is also known as zero coupon bond?
(a) Treasury bills (b) Commercial paper
(c) Call money (d) Certificate of deposits
35. SEBI is a regulator of
(a) Capital market (b) Money market
(c) Commodity market (d) Overseas market
36. Which of the following is not a participant in the money market?
(a) R.B.I. (b) SEBI (c) Mutual funds (d) NBFCs
37. A brand or a part of a brand that is given legal protection is known as
(a) Brand Mark (b) Trade Mark
(c) Both of the above (d) None of these
38. Lifebuoy soap and surf detergent powder are manufactured by
(a) Hindustan Limited (b) Procter & Gamble
(c) Nestle (d) Kwality Walls
39. Which one of the following is not a consumer right
(a) Right to safety (b) Right to seek redressal
(c) Right to get discount (d) Right to be heard
40. A district Forum has jurisdiction to entertain a consumer complaint involving product value
(a) upto Rs. 20 lakhs (b) upto Rs. 10 lakh
(c) between Rs. 20 lakh to Rs. 1 crore (d) above Rs. 1 crore

41. Long term sources of finance are also required for _____ of working capital
(a) Permanent part (b) Temporary part
(c) Both (d) None of these
42. Which is not the Maslow's Need?
(a) Esteem (b) Control
(c) Self actualization (d) Social
43. Manufacturer → Retailer → Customers is
(a) Direct channel (b) One level channel
(c) Two level channel (d) Three level channel
44. The last step involved in the process of planning is
(a) Selecting an alternative (b) Implementing the plan
(c) Follow up action (d) Setting objectives
45. Management is the art of getting things done through people, who said this?
(a) Mark Parker Follet (b) F.W. Taylor
(c) Henri Fayol (d) George R. Terry
46. Minal reading a book when we arrived
(a) is (b) was (c) am (d) are
47. There is a lemon tree my garden
(a) in (b) on (c) at (d) behind
48. He has applied Leave
(a) for (b) on (c) to (d) from
49. Mark the option which is closest in meaning to the underlined word. Malaria has been completely eradicated
(a) Eliminated (b) Suppressed (c) Ignored (d) Medicated
50. Mark the option which is opposite in meaning to the underlined word. The pupils of your eyes dilate when you enter a dark room.
(a) Extend (b) Contract (c) Blink (d) Stretch
51. My books are ----- my schoolbag
(a) in (b) between (c) through (d) across
52. Where is the picture was hanging on the wall?
(a) who (b) it (c) when (d) that
53. A of stairs
(a) flock (b) flight (c) fleet (d) pack
54. The joke fell flat 'fell flat' means
(a) could not be understood (c) caused no amusement
(e) horrified the people (d) caused great amusement
55. The following word is used for the word mature?
(a) Un- (b) Dis- (c) Im- (d) In-

56. A white elephant means
 (a) precious thing (b) uncommon occurrence
 (c) a rare phenomenon (d) unprofitable venture
57. The fight on the bridge created a big
 (a) government (b) turmoil (c) nonsense (d) fodder
58. My sister married next month
 (a) may (b) is getting (c) will (d) are getting
59. King Harold was killed by an arrow which pierced his right eye. The underlined part in the above sentence is an example of a/an
 (a) Noun Phrase (b) Adjectival Phrase
 (c) Adverbial Phrase (d) Adverbial Clause
60. In view of the flood warnings, the authoritiesresidents
 (a) are starting evacuation (b) starting evacuating
 (c) have started evacuating (d) evacuation started
61. He spoke favour the motion
 (a) for, of (b) in, of (c) in, with (d) over, for
62. Which of the following pairs is incorrect ?
 (a) Gander- goose (b) Nephew-niece
 (c) Horse-mare (d) Fox-foxen
63. Although he is seen with some criminals,
 (a) it is not necessary that he is a criminal
 (b) he is not necessarily a criminal himself
 (c) he is not necessary to be a criminal
 (d) he himself is not necessary to be a criminal
64. One who knows everything is
 (a) Omniscient (b) Omnipresent
 (c) Omnipotent (d) Optimist
65. The underlined expression in the sentence. The weather is getting me down means
 (a) depressing (b) advancing (c) spreading (d) recovering
66. She is very popular her employers
 (a) between (b) with (c) at (d) about
67. err is human, to forgive divine
 (a) To (b) An (c) For (d) With
68. Ahmad and I were school together
 (a) in (b) at (c) to (d) within
69. Which of the following prefixes means 'together' ?
 (a) Corp (b) Cre (c) Co (d) To
70. You came yesterday,
 (a) Didn't you ? (b) Isn't you (c) Won't you (d) Hasn't you

71. Find the number of triangles in the figure
- (a) 5
(b) 8
(c) 10
(d) 12
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72. Rakhi and Sonali are Mohan's wife. Piyush is Sonali's stepson. How is Rakhi related to Piyush?
- (a) Mother (b) Mother-in-law (c) Brother (d) sister
73. In a certain language NATURE is coded as MASQUE, how is FAMINE coded in that language
- (a) FBMIND (b) GANIDE (c) EALIME (d) FZMHND
74. Which of the following release to FLOWER in the same way as RTERBN relateds SECTOR?
- (a) RWLEND (b) RWLGPE (c) EOFKUQ (d) RWLEPD
75. A borrows a certain amount of money from B at simple interest of 15% for two years and lends it to C at the compound interest of 15% for the same period. If A makes a profit of Rs. 90, then the amount he borrowed from B is
- (a) Rs. 900 (b) Rs. 3000 (c) Rs. 400 (d) Rs. 600
76. Suresh is heavier man Anil but not as heavy as Raju. Anil is heavier than Jayesh. Krishna is heavier than Suresh but ligher than Raju. Who among them is the heaviest ?
- (a) Anil (b) Suresh (c) Raju (d) Jayesh
77. Select the related letters
Fire: Smoke::?
- (a) Moon: Sky (b) Shoe: Polish
(c) Cloud: Rain (d) Children: School
78. What should come next in the following sequence of letters?
BB CB CD BC DE BC DE FB CD EF GB CD EF
- (a) B (b) G (c) H (d) D
79. In a certain code BOARD is written as 53169 and NEAR is written as 2416. How is NODE written in that code?
- (a) 2394 (b) 2894 (c) 2934 (d) 2694
80. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
- (a) 16 (b) 19 (c) 25 (d) 36
81. Subscription received in advance during the accounting year is
- (a) An Income (b) An Expense
(c) An Asset (d) A Liability

82. If income is Rs. 16,000 and deficit debited to capital fund is Rs. 4,300.00 expenditure is
(a) 20,400 (b) 20,300 (c) 25,000 (d) 67,000
83. Receipts and payments account is a
(a) Nominal account (b) Real account
(c) Summarised profit and loss A/c (d) None of the above
84. X and Y are partner sharing profits in the ratio of 3:2. Z is admitted with $\frac{1}{4}$ th share in profits which he acquires equally from X and Y. The new ratio will be
(a) 9:6:5 (b) 19:11:10 (c) 3:3:2 (d) 3:2:1
85. A, B and C share profit and losses in the ratio of 5:3:2. If all agree to share profit and loss equally, the gaining portion to Y will be
(a) $\frac{1}{15}$ (b) $\frac{1}{30}$ (c) $\frac{4}{30}$ (d) $\frac{5}{30}$
86. Z is admitted in a firm for a $\frac{1}{4}$ share in the profits for which he brings Rs. 30,000 goodwill. It will be taken away by the old partners X and Y in:
(a) old profit-sharing ratio (b) new profit-sharing ratio
(c) sacrificing ratio (d) capital ratio
87. Discount on issue of share is written off in
(a) 10 years (b) 8 years (c) 7 years (d) 3 to 5 years
88. Premium on redemption of debentures is in the nature of
(a) Personal Accounts (b) Real Account
(c) Nominal Account (d) None of these
89. When shares are forfeited share capital amount debited by
(a) forfeited account (b) Called up amount on shares
(c) paid up amount on shares (d) amount of capital reserve
90. A company can reissue the forfeited shares in accordance with the provisions contained in the
(a) Article of Association (b) Memorandum of Association
(c) Prospectus (d) All of these
91. While calculating cash from operation which of the following will not be added in the profit of current year?
(a) Provision for doubtful debt (b) Opening stock
(c) Closing stock (d) Discount on issue of shares
92. Schedule of change in working capital is not related with
(a) Current liabilities (b) Current assets
(c) Contingent liabilities (d) Working capital
93. Indicate the item which appears as short term provision
(a) Proposed dividend (b) Interest accrued but not due
(c) Provident fund payable (d) None of the above

94. In computerized accounting, the sequence of actions taken on data to convert it into information is
 (a) Processing (b) Storage
 (c) Database (d) Communication
95. TPS stands for
 (a) Transaction Processing System
 (b) Translation Processing System
 (c) Transaction Point System
 (d) Television Processing System
96. Consignment Account is
 (a) Real A/c (b) Personal A/c
 (c) Nominal A/c (d) None of the above
97. 'A' and 'B' are partners in a firm sharing profits and losses in the ratio of 2:3. 'C' a new partner is admitted for $\frac{1}{4}$ share. 'A' and 'B' old partners share 'C' profit into their profit sharing ratio. The new profit sharing ratio of 'A', 'B' and 'C' would be
 (a) 1:1:1 (b) 2:3:4 (c) 1:2:2 (d) 6:9:5
98. The cash flow statement is based upon
 (a) accrual basis of accounting
 (b) cash basis of accounting
 (c) accounting equation
 (d) None of the above
99. Fluctuating capital account is credited with
 (a) Interest on capital (b) Profit of the year
 (c) Salaries of remuneration of the partners
 (d) All of the above
100. Which one of the following ratio is the indicator of the long term solvency of the firm?
 (a) Acid test ratio (b) Debt equity ratio
 (c) Time interest earned ratio (d) None

Answers: B.Com. (Hons) 2014-2015- Paper Series B

- 1-c. 2-c. 3-d. 4-a. 5-a. 6-d. 7-a. 8-c. 9-b. 10-c. 11-b. 12-d. 13-b. 14-b.
 15-a. 16-d. 17-b. 18-a. 19-b. 20-c. 21-a. 22-b. 23-a. 24-d. 25-b. 26-c.
 27-b. 28-b. 29-b. 30-a. 31-c. 32-b. 33-c. 34-a. 35-a. 36-b. 37-b. 38-a.
 39-c. 40-a. 41-a. 42-d. 43-b. 44-c. 45-a. 46-b. 47-d. 48-a. 49-a. 50-b.
 51-a. 52-d. 53-b. 54-b. 55-c. 56-d. 57-b. 58-b. 59-c. 60-c. 61-b. 62-d.
 63-b. 64-a. 65-a. 66-b. 67-a. 68-b. 69-c. 70-a. 71-c. 72-a. 73-c. 74-a.
 75-c. 76-c. 77-c. 78-b. 79-a. 80-b. 81-d. 82-b. 83-b. 84-b. 85-b. 86-c.
 87-d. 88-a. 89-b. 90-a. 91-c. 92-c. 93-a. 94-a. 95-a. 96-c. 97-d. 98-b.
 99-d. 100-b