

- Shri Jayesh Shah has purchased a car on 1/4/2005. He has to pay Rs. 50,000 cash and an installment of Rs. 6000 at the every end of month for next 5 years. If this amount includes the interest and the rate of compound interest is 12%, find the price of car.
(a) 5,00,000 (b) 3,19,730 (c) 4,00,000 (d) 4,54,200
- $\int x^3 \cdot e^x dx = \underline{\hspace{2cm}}$.
(a) $(x^3 + 3x^2 + 6x + 6)e^x + c$ (b) $(x^3 - 3x^2 - 6x + 6)e^x + c$
(c) $(x^3 - 3x^2 + 6x - 6)e^x + c$ (d) $(x^3 - 3x^2 - 6x - 6)e^x + c$
- What is the coefficient of concurrent deviations for the following data :

Year :	2011	2012	2013	2014	2015	2016	2017	2018
Price	135,	138	140	133	145	148	149	152
Demand	236	235	231	236	230	229	227	224

(a) -1 (b) 0.43 (c) 0.5 (d) $\sqrt{2}$
- There are 15 two rupee coins, 25 five rupee coins and 10 ten rupee coins in a bowl. If a coin is selected at random from the bowl, then the probability of not selecting a ten rupee coin is
(a) 0.20 (b) 0.80 (c) 0.75 (d) None
- Find the missing term : 4,7, 12, 19, 28 ?
(a) 30 (b) 36 (c) 39 (d) 49
- Arjun buys a house for which he agrees to pay Rs. 5000 at the end of each month for 8 years. If money is worth 12% converted monthly, what is the capital value of the house ?
(a) Rs. 307638.50 (b) Rs. 310825.60 (c) Rs. 25902.75 (d) none of these
- The present age of a father is three years more than three times the age of the son. Three years hence father's age will be 10 years more than twice the age of the son. Determine their present ages.
(a) 58, 15 (b) 33, 10 (c) 60, 12 (d) None of these
- What is an exclusive series ?
(a) in which both upper and lower limit are not included in class frequency.
(b) in which lower limit is not included in class frequency.
(c) In which upper limit is not included in class frequency
(d) None of the above
- In an intelligence test administered to 1,000 students, the average score was 42 and the standard deviation is 24. Find the number of students exceeding a score of 50.
[$P(Z > 0.33) = 0.37$]
(a) 370 (b) 350 (c) 360 (d) 320
- There are five Girls P, Q, R, S, T, sitting in a park in a circular way. Q and T are right opposite to P and S respectively and R is equidistant between S and Q. P is facing South – West while S is facing South – East. Which direction is R facing ?
(a) East (b) West (c) South (d) North

11. You are given 6 balls of different colours (black, white, red, green violet, yellow) ; In how many ways can the 6 balls be arranged in a row, so that black and white balls may never come together.
 (a) 480 (b) 580 (c) 680 (d) None of these
12. On the average experienced person does 7 units of work while a fresh one 5 units of work daily but the employer has to maintain an output of at least 50 units of work per day. This situation can be expressed as
 (a) $7x + 5y \leq 50$ (b) $7x + 5y > 50$
 (c) $7x + 5y \geq 50$ (d) none of these
13. A man travels from village A to village B at a speed of 8 km/ hr. On his way back, he travels at a speed of 4 km/ hr. Find his average speed.
 (a) 6 (b) 5.33 (c) 6.67 (d) 8.67
14. In a partially destroyed laboratory record of an analysis of correlation data, only the following results are legible : Variance of $X = 9$,
 Regression equations : $4X - 5Y + 33 = 0$ and $20X - 9Y = 107$
 On the basis of the above information, the value of σ_y is :
 (a) 5 (b) 7 (c) 4 (d) None

Directions Q-15 to Q-17 : Each of the following questions contains two statements followed by two conclusions numbered I and II. You have to consider the two statements to be true, even if they seem to be at variance at the commonly known facts. You have to decide which of the given conclusions definitely follows from the given statements.

Answer (a) if only I follows ; (b) if only conclusion II follows; (c) if either I or II follows ; (d) if neither I nor II follows:

15. Statement : Some cups are laptop.
 All keys are laptop
 Conclusions : I. Some cups are keys.
 II. Some keys are cups.
16. Statements : All pens are roads.
 All roads are houses
 Conclusions : I. All houses are pens.
 II. Some houses are pens
17. Statements : Some pastries are toffees.
 All toffees are chocolates.
 Conclusions : I. Some Chocolates are toffees.
 II. Some toffees are not pastries.
18. If the inflexion points of a Normal Distribution are 6 and 14. Find its Standard Deviation ?
 (a) 4 (b) 6 (c) 10 (d) 12
19. Following are the wages of 8 workers expressed in Rs. : 82, 96, 52, 75, 65, 70, 70, 50. Find the range and also its coefficient.
 (a) Rs. 42, 31.51% (b) Rs. 46, 31.08% (c) Rs. 46, 31.15% (d) Rs.46, 30.15%

20. Bimal pays Rs. 2000 at the end of every month towards his provident fund account from his salary. If the rate of interest is 9% p.a. compounded monthly. find the total amount credited in his provident fund account at the end of 20 years.
- (a) 13,09,233 (b) 13,35,773 (c) 15,34,933 (d) None of these
21. If in an A.P. whose first term is 2, the sum of first six terms is equal to one third of the sum of next six terms, the common difference of the A.P. is
- (a) 4 (b) -4 (c) ± 4 (d) None of these
22. If A is a square matrix such that $A^2 = A$, then $|A|$ equals
- (a) 0 or 1 (b) -2 or 2 (c) -3 or 3 (d) None of these
23. Suppose, a business executive was earning Rs. 2050 in the base period, what should be his salary in the current period if his standard of living is to remain in the same ?
Given that : $\Sigma W = 25$, $\Sigma IW = 3544$
- (a) Rs. 2906 (b) Rs. 2606 (c) Rs. 2806 (d) Rs. 2706
24. There are 6 pairs of observed values having rank correlation coefficient 0.4. In rechecking it was found that the difference in rank for one observed pair was taken 3 instead of 4. The rectified rank correlation coefficient is _____.
- (a) 0.3 (b) 0.2 (c) 0.25 (d) 0.28
25. Five persons are standing in a line. One of the two persons at the extreme ends is a professor and the other a businessman. An advocate is standing to the right of a student. An author is to be left of the businessman. The student is standing between the professor and the advocate. Counting from the left, the advocate is at which place ?
- (a) 1st (b) 2nd (c) 3rd (d) 5th
26. A seller makes an offer of selling certain articles that can be described by the equation $x = 25 - 2y$ where x is price per unit and y denotes the No. of units. The cost price of the articles is Rs. 10 per unit. The maximum quantity that can be offered in single deal to avoid loss is
- (a) 6 (b) 7 (c) 8 (d) 9
27. The difference between the simple and compound interest on a certain sum for 3 years at 5% p.a. is Rs. 228.75, The compound interest on the sum for 2 years at 5% p.a. is :
- (a) Rs. 3,175 (b) Rs. 3,075 (c) Rs. 3,275 (d) Rs. 2,975
28. A bucket can contain 6 green cars and 4 blue cars. If mummy took 2 cars for her children and pays Rs. 10 and Rs. 20 for a green and blue cars respectively, then her expected amount to pay is
- (a) Rs. 28 (b) Rs. 35 (c) Rs. 46 (d) None
29. Inter Quartile Range is ____ of Quartile Deviation.
- (a) Half (b) Double (c) Triple (d) Equal
30. Muuna starts from a point, walks 4 km. towards north and turns left and walk 6 km, turns right and walks for 3 km. and again turns right and walks 4 km. and takes rest for 1 hour. He gets up and walks straight 2 km. in the same direction and turns right and walks 1 km. the direction in which he is facing is
- (a) West (b) North (c) South (d) South - East
31. Find the condition that one roots is double the other of $ax^2 + bx + c = 0$
- (a) $2b^2 = 3ac$ (b) $b^2 = 3ac$ (c) $2b^2 = 9ac$ (d) $2b^2 > 9ac$
32. If $X = \{a, b, c, d, e, f\}$, $Y = \{a, e, i, o, u\}$ and $Z = \{m, n, o, p, q, r, s, t, u\}$ then $X \cup (Y - Z)$ is
- (a) $\{a, b, c, d, e, f, i\}$ (b) $\{a, b, c, d, c, f, o\}$
(c) $\{a, b, c, d, c, f, u\}$ (d) None
33. The quartiles of a variable are 45, 52 and 65 respectively. Its quartile deviation is
- (a) 10 (b) 20 (c) 25 (d) 8.30

34. If the correlation coefficient between the variables X and Y is 0.5, then the correlation coefficient between the variables $2x - 4$ and $3 - 2y$ is
 (a) 1 (b) 0.5 (c) -0.5 (d) 0
35. Nikky, who is Roland's daughter, says to Irene, "Your mother Rita is the younger sister of my father, who is the third child of Sylvester". How is Sylvester related to Irene?
 (a) Maternal - uncle (b) Father (c) Grandfather (d) Father in law
36. Ram purchased a house for which he agreed to pay Rs. 5000 at the beginning of each 3 months until he has made 10 payments. If money is worth 6% compounded quarterly, what is the equivalent cash price of the house?
 (a) Rs. 46112.5 (b) Rs. 47108.60 (c) Rs. 46399.26 (d) none of these
37. Solving $x^3 + 9x^2 - x - 9 = 0$; we get the following roots
 (a) $\pm 1; -9$; (b) $\pm 1; \pm 9$; (c) $\pm 1; 9$ (d) None
38. If the standard deviation of 1st n natural numbers is 2, then the value of n is
 (a) 4 (b) 6 (c) 7 (d) 9
39. If linear trend line equ. By least square method taking 2012 as base year is $Y_1 = 1550 + 25.75X$. The value of trend value of year 2018 is _____.
 (a) Rs. 1704.50 (b) Rs. 1825.50 (c) Rs. 2104.25 (d) None

40. If $y = \sqrt[3]{\log x + \sqrt[3]{\log x + \sqrt[3]{\log x + \dots}} \propto$ then $\frac{dy}{dx} =$
 (a) $\frac{1}{(3y^2-1)}$ (b) $\frac{1}{3y^2-1}$ (c) $\frac{1}{x(3y^2-1)}$ (d) $\frac{1}{x(3y^2+1)}$

41. In an examination the question paper contains three different sections A, B & C containing 4, 5, & 6 question respectively? In how many ways, a candidate can make a selection of 7 question selecting at least two questions from each sections?
 (a) 2700 (b) 2600 (c) 4000 (d) none of these
42. $\int_1^e \frac{e^x(x \log_e x + 1)}{x} dx =$
 (a) $e - 1$ (b) e^e (c) $e^e - 1$ (d) None

43. A pie diagram is used to represent the following data :

Source :	Customs	Excise	Income tax	Wealth tax
Revenue in million rupees :	120	180	240	180

The central angles in the pie diagram corresponding to income tax and wealth tax respectively :

- (a) (120, 90) (b) (90, 120) (c) (60, 120) (d) (90, 60)
44. The weighted arithmetic mean of the four numbers 26, 28, 12 and 4 is 10.7. If the weights of the first three numbers are 1, 3 and 4, respectively, then find the weight of the fourth number.
 (a) 5 (b) 6 (c) 7 (d) None
45. Five friends P, Q, R, S and T are sitting in a row facing North. Here, S is between T and Q and Q is to the immediate left of R. P is to the immediate left of T. Who is in the middle?
 (a) S (b) T (c) Q (d) R
46. If $y = \frac{e^x + 1}{e^x - 1}$ then $\frac{dy}{dx}$ is equal to
 (a) $\frac{-2e^x}{(e^x - 1)^2}$ (b) $\frac{2e^x}{(e^x - 1)^2}$ (c) $\frac{-2}{(e^x - 1)^2}$ (d) None of these

47. Mr. X borrows Rs. 3000 at 10% compound rate of interest. At the end of each year he pays back Rs. 1000. How much he should pay at the end of the 3rd year to clear his entire dues ?
 (a) Rs. 1583 (b) Rs. 1683 (c) Rs. 1153 (d) None
48. A salesman has 70% chance of making a sale to each customer. If two customers A and B arrived independently then what is the probability that the salesman will make a sale to A or B ?
 (a) 0.71 (b) 0.49 (c) 0.09 (d) 0.91
49. The mean and standard deviation of 2 and 8 are
 (a) 5, ± 3 (b) 5, 3 (c) 10, 9 (d) 10, ± 9
50. If in a certain language, POPULAR is coded as QPQVMBS, which word would be coded as GBNPVT ?
 (a) FARMER (b) FAMOUS (c) FRAMES (d) FARMES
51. Out of total 1500 students, 450 passed in Accounts, 500 in Maths, 300 in Costing, 300 in both Accounts and Maths. 320 in both Maths and costing, 350 in both Accounts and Costing, 250 students passed in all the three subjects. Find the number who passed at least in anyone of the subjects.
 (a) 630 (b) 530 (c) 730 (d) None
52. Find the sum of the 5 digit numbers which to be formed with the digits 3, 4, 5, 6, 7 using each digit only once in each number.
 (a) 6666600 (b) 8888800 (c) 3333300 (d) None of these
53. Which of the following statements is true ?
 (a) Paasche's Index Number is based on base year quantity
 (b) Fisher's Index Number satisfies the circular test.
 (c) Arithmetic Mean is the most appropriate average for constructing the Index Number
 (d) Splicing indices on the basis of common base.
54. The number of students who opted chartered accountancy as profession for 13 years in a location is given below :

Year	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency (no. Of students)	53	42	33	27	18	12	6	7	2	6	3	1	1

What is the number of students who opted for less than 3 years for the course ?

- (a) 83 (b) 95 (c) 128 (d) 116
55. Markandey is Rajiv's mother's father. Markandey has three brothers. One of them has grandson Abhi. Rajan is son of Abhi. Rajan is related to Rajiv as :
 (a) Brother (b) Nephew (c) Cousin (d) Uncle
56. A man makes two types of furniture : chairs and tables. Profits are Rs. 20 per chair and Rs. 30 per table. Both the products are processed on two machines M_1 and M_2 . The time required for each product in hours and total time available in hours for each machine are as follows :

Machine	Chair	Table	Available Time
M_1	3	3	36
M_2	5	2	50

Constraints can be formulated by taking x = the number of chairs any y = the number of tables produced as :

- (a) $x + y \leq 12$
 $5x + 2y \geq 50$
 $x \geq 0; y \geq 0$
- (b) $x + y \leq 12,$
 $5x + 2y \leq 50$
 $x \geq 0; y \geq 0$
- (c) $x + y \geq 12$
 $5x + 2y \leq 50$
 $x \geq 0; y : \geq 0$
- (d) None of these

57. A G.P. (Geometric Progression) consists of $2n$ terms. If the sum of the terms occupying the odd places is S_1 and that of the terms in even places is S_2 . The common ratio of the progression is
 (a) n (b) $2S_1$ (c) $\frac{S_2}{S_1}$ (d) $\frac{S_1}{S_2}$
58. 5% of the pins produced in a factory are defective. The pins are sold in a box of 100 pins and it is guaranteed that at the most 4 pins are defective in a box. The probability that a box will meet the guarantee is
 (a) 0.4380 (b) 0.6480 (c) 0.5480 (d) 0.4480
59. You are given the population of India for the years 1981 & 1991. You are to find the population of India at the middle of the period by averaging these population figures, assuming a constant rate of increase of population. What is the suitable form of average in this case?
 (a) A.M. (b) G.M. (c) H.M. (d) none
60. Six persons A, B, C, D, E and F are sitting in two rows, three in each row.
 (I) E is not at the end of any row
 (II) D is second to the left of F
 (III) C, the neighbor of E, is sitting diagonally opposite to D
 (IV) B is the neighbor of F.
 Which of the following are in one of the two rows?
 (a) F, B (b) D, B and F (c) C, E and B (d) A, E and F
61. Let R is the set of real numbers, such that the function $f : R \rightarrow R$ and $g : R \rightarrow R$ are defined by $f(x) = x^2 + 3x + 1$ and $g(x) = 2x - 3$. Find $(f \circ g)$:
 (a) $4x^2 + 6x + 1$ (b) $x^2 + 6x + 1$ (c) $4x^2 - 6x + 1$ (d) $x^2 - 6x + 1$
62. If Rs. 510 be divided among A, B, C in such a way that A gets $\frac{2}{3}$ of what B gets and B gets $\frac{1}{4}$ of what C gets, then their shares are respectively :
 (a) Rs. 120, Rs. 240, Rs. 150 (b) Rs. 60, Rs. 90, Rs. 360
 (c) Rs. 150, Rs. 300, Rs. 60 (d) None of these
63. The Component of time Series useful for long – term Forecasting is _____.
 (a) Seasonal Variations (b) Secular Trend
 (c) Random Variations (d) None
64. If all the values are multiplied by the same quantity, the _____ & _____ also would be multiple of the same quantity.
 (a) mean, standard deviation (b) mean, median
 (c) mean, mode (d) All of the Above
65. If in a certain code, LUTE is written as MUTE and FATE is written as GATE, then how will BLUE be written in that code ?
 (a) CLUE (b) GLUE (c) FLUE (d) SLUE
66. If $(x + y) : (y + z) : (z + x) = 6 : 7 : 8$ and $x + y + z = 14$ then the value of z is
 (a) 4 (b) 5 (c) 7 (d) 6
67. If 5th term and 12th terms of an AP are 14 and 35 respectively. Find its common difference.
 (a) 2 (b) 3 (c) 4 (d) None
68. It is known that out of a number of items 2% of the items produced are defective. The probability that in a box of 100 items, there will be at most two defective is
 (a) $3e^{-2}$ (b) $7e^{-2}$ (c) $5e^{-2}$ (d) None

69. The mean and standard deviation of group A are 25 and 17, and 13 and 27 of group B. Which group is more consistent ?
 (a) A (b) B (c) A and B (d) None of these
70. Six members of a family namely P, Q, R, S, T and U are travelling together. Q is the son of R but R is not the mother of Q. P and R are married couple. T is the brother of R. S is the daughter of P. U is the brother of Q. How many male members are there in the family ?
 (a) 5 (b) 3 (c) 4 (d) 2
71. If $\left|x + \frac{1}{4}\right| > \frac{7}{4}$, then :
 (a) $x < \frac{-3}{2}$ or $x > 2$ (b) $x < -2$ or $x > \frac{3}{2}$
 (c) $-2 < x < \frac{3}{2}$ (d) None of these
72. If $3 \log x - 4 \log y + 2 \log xy = \log z$ then the value of z in terms of x and y is
 (a) $\frac{x}{y}$ (b) $\sqrt{\frac{y}{x}}$ (c) $\frac{y^2}{x^5}$ (d) $\frac{x^5}{y^2}$
73. Suppose 70% of the tourists who come to India will visit Agra while 60% will visit Goa and 50% will visit both Agra and Goa. What is the probability that the tourist will visit either Goa or Agra ?
 (a) 0.2 (b) 0.8 (c) 0.95 (d) 0.1
74. The above data is 40, 50, 50, 56, 78, 80, 45, 80, 59, 34, 23, 90, 34, 45
 (a) unimodal (b) multimodal (c) bimodal (d) None of these
75. From home Neha goes towards North for her college and then she turns left and then turns right, and finally she turns left and reaches college. In which direction her college is situated with respect to her home ?
 (a) South – West (b) North – East
 (c) North – West (d) South – East
76. If $\frac{1}{\log_a^m} + \frac{1}{\log_b^m} + \frac{1}{\log_c^m} = \frac{1}{\log_x^m}$ then $abc = ?$
 (a) x^2 ; (b) x^3 ; (c) x ; (d) None
77. Mr. X invests 'P' amount at Simple Interest rate 10% and Mr. Y invests 'Q' amount at Compound Interest rate 5% compounded annually. At the end of two years both get the same amount of interest, then the relation between two amounts P and Q is given by :
 (a) $p = \frac{41Q}{80}$ (b) $p = \frac{41Q}{40}$ (c) $p = \frac{41Q}{100}$ (d) $p = \frac{41Q}{200}$
78. The number of calls arriving at an internal switch board of an office is 96 per hour. Find the probability that there will be :
 (a) not more than 3 calls on the board.
 (b) at least three calls in a minute on the board. [Given : $e^{-1.6} = 0.2019$]
 (a) 0.08 and 0.92 respectively (b) 0.19 and 0.92 respectively
 (c) 0.92 and 0.13 respectively (d) 0.92 & 0.2167 respectively.
79. Three families consist of 3 boys and 2 girls, 2 boys and 2 girls, and 2 boys and 3 girls respectively. A family is selected at random and from it two children are selected. What is the probability that both of them are girls ?
 (a) 0.189 (b) 0.12 (c) 0.04 (d) None

80. Find the Odd man Out : 4, 10, 22, 46, 96, 190, 382
 (a) 4 (b) 10 (c) 96 (d) 382
81. A person received the salary for the 1st year is Rs. 5,00,000 per year and the received an increment of Rs. 15,000 per year then the sum of the salary he taken in 10 years
 (a) Rs. 56,75,000 (b) Rs. 72,75,000 (c) Rs. 63,75,000 (d) None of these
82. Solve for x, if $\frac{5^{3x} \cdot (3125)^2 \cdot 125^{-3}}{25^x \cdot 625} = 5^3$
 (a) -6 (b) -4 (c) 4 (d) 6
83. Shape of Normal Distribution Curve :
 (a) Depends on its parameters (b) Does not depend on its parameters
 (c) Either (a) or (b) (d) Neither (a) nor (b)
84. You are given the following information :

	Price (Rs.)	Amounts demanded
	(X)	('000 units) (y)
Arithmetic Mean	20	55
Standard deviation	2	5

Correlation coefficient $r = 0.6$

The regression coefficient of y on x (b_{yx}) is

- (a) -3 (b) +3 (c) 1.5 (d) None
85. Raveena walks 10 km south from her house, turns left and walks 25 km, again turns left and walks 40 km, then turns right and walks 5 km to reach her office. In which direction was the office from her house ?
 (a) Southwest (b) Northeast (c) East (d) North
86. Mr. Paul borrows Rs. 20,000 on condition to repay it with C.I. at 5% p.a. in annual installments of Rs. 2000 each. The number of years for the debt to be paid off is
 (a) 10 years (b) 12 years (c) 11 years (d) none of these
87. Four visitors A, B, C, D arrived at a town, which has 5 hotels, In how many ways can they disperse themselves among hotels. If 4 hotels are used to accommodate them ?
 (a) 120 (b) 210 (c) 420 (d) none of these
88. One card is drawn at random from a pack of 52 playing cards. Find the probability that the card is not an spade card.
 (a) $\frac{1}{4}$ (b) $\frac{1}{2}$ (c) $\frac{3}{4}$ (d) None
89. In the following frequency distribution of the pulse rate of patients, one of the class frequencies is missing and the median is 78. Find the missing frequency.
- | | | | | | | |
|-----------------|---------|---------|---------|---------|---------|---------|
| Pulse Rate | 64 – 68 | 68 – 72 | 72 – 76 | 76 – 80 | 80 – 84 | 84 – 88 |
| No. of Patients | 3 | 12 | - | 40 | 32 | 11 |
- (a) 28 (b) 32 (c) 31 (d) 29
90. Find the missing term: 1, 6, 15 ?, 45, 66, 91
 (a) 25 (b) 26 (c) 27 (d) 28
91. If x, y, z are the terms in G.P. then the terms $x^2 + y^2$, $xy + yz$, $y^2 + z^2$ are in :
 (a) A.P. (b) G.P. (c) H.P. (d) None of these
92. The ratio compounded of 4 : 9, the duplicate ratio of 3 : 4, the triplicate ratio of 2 : 3 and 9 : 7 is
 (a) 2 : 7 (b) 7 : 2 (c) 2 : 21 (d) none of these

93. Six fair coins are tossed simultaneously. Find the probability of getting at least 3 heads.
 (a) $\frac{11}{32}$ (b) $\frac{15}{64}$ (c) $\frac{1}{32}$ (d) None of the above
94. The probability that India wins a cricket match is 0.48. If India plays 3 matches, find the probability that India will win all the matches.
 (a) 0.21 (b) 0.11 (c) 0.63 (d) 0.41
95. Four girls are seated for a photograph. Shikha is left of Reena. Manju is to the right of Reena. Reeta is between Reena and Manju. Who is the second left in photograph.
 (a) Reena (b) Manju (c) Reeta (d) Shikha
96. An annuity consisting of payments of Rs. 500 made at the end of every 3 months for 4 years at the rate of 6% compounded quarterly. Its Future value is
 (a) Rs. 8966.18 (b) Rs. 8108.60 (c) Rs. 9602.75 (d) none of these
97. If A is the set of isosceles triangles and B is the set of equilateral triangles, then
 (a) $A \subset B$, (b) $B \subset A$. (c) $B = A$ (d) None of these
98. A textile worker in the city earns Rs. 3500 per month. The cost of living index for a particular month is 1360. Find the total expenditure on house and clothing.

Group	Expenditure	Group Index
Food	1400	180
Clothing	?	150
House rent	?	100
Fuel and lighting	560	110
Miscellaneous	630	80

- (a) 910 (b) 810 (c) 490 (d) 420
99. Which of the following is not a two – dimensional figure ?
 (a) Line Diagram (b) Pie Diagram
 (c) Square Diagram (d) Rectangle Diagram
100. Seema is the daughter – in – law of Sudhir and sister – in law of Ramesh, Mohan is the son of Sudhir, brother of Ramesh. Find the relation between Seema and Mohan.
 (a) Sister – in – law (b) Aunt (c) Cousin (d) Wife