

D.K.M. College for Women (Autonomous)

Aptitude Test

- a) $1/55$ b) $1/11$ c) $3/11$ d) 55
14. A sum of Rs.1300 is divided amongst P, Q, R and S such that $\frac{P's\ Share}{Q's\ Share}$
 $= \frac{Q's\ Share}{R's\ Share} = \frac{R's\ Share}{S's\ Share} = \frac{2}{3}$. Then P's share is
a) Rs.140 b) Rs.160 c) Rs.240 d) Rs.320
15. A and B together have Rs.1210. If $4/15$ of A's amount is equal to $2/5$ of B's amount, how much amount does B have?
a) Rs.460 b) Rs.484 c) Rs.550 d) 664
16. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers are:
a) 2 : 5 b) 3 : 5 c) 4 : 5 d) 6 : 7
17. A sum of money is to be distributed among A,B,C,D in the proportion of 5:2:4:3. If C gets Rs.1000 more than D, what is B's share?
a.500 b.1500 c.2000 d.none of these
18. 44. If 40% of a number is equal to the two third of another number, what is the ratio of first number to the second number?
a.2:5 b.3:7 c.5:3 d.7:3,
19. Ratio of the earnings of A and B is 4:7. If the earnings of A increase by 50% and those of B decrease by 25%, new ratio of their earnings becomes 8:7. What are A's earnings?
a.21000 b.26000 c.28000 d.data inadequate.
20. The fourth proportional to 5,18,15 is
a.18 b.24 c.19 d.20 e.21
21. The third proportional to (x) (x-y)
a. (x+y) b. (x-y) c. $\frac{x+y}{x-y}$ d. $\frac{x-y}{x+y}$
22. The price of the scooter and a tv are in the ratio 7:5. If the scooter costs Rs.8000 more than a t.v set, Then the price of a t.v set is :
a. 20000 b. 24000 c. 28000 d. 32000
23. x varies inversely as square of y. Given that y=2 for x=1. The value of x for y=6 will be equal to :
a. 3 b. 9 c. $1/3$ d. $1/9$
24. If 10% of x = 20% of y, then x:y is equal to :
a. 1:2 b. 2:1 c. 5:1 D. 10:1
25. What is the ratio of whose terms differ by 40 and the measure of which is $2/7$?
a. 16:56 b. 14:56 c. 15:56 d. 16:72