

APTITUDE QUIZ

1. 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. Rs. 500
- B. Rs. 1500
- C. Rs. 2000
- D. None of these

2. The sum of three numbers is 98. If the ratio of the first to second is 2 :3 and that of the second to the third is 5 : 8, then the second number is:

- A. 20
- B. 30
- C. 48
- D. 58

3. Three sales people are paid commissions in proportion to the amount of their sales, which total \$25000, \$40000, and \$60000 respectively. If a total of \$20000 is allocated for these three commissions, what is the amount of the largest commission paid?

- A. \$6,400
- B. \$8,400
- C. \$9,600

D. \$12,000

4. Two boys begin together to write out a booklet containing 535 lines. The first boy starts with the first line, writing at the rate of 100 lines an hour; and the second starts with the last line then writes line 534 and so on, backward proceeding at the rate of 50 lines an hour. At what line will they meet?

A. 57th line

B. 375th line

C. 357th line

D. 380th line

5. Three men rent a farm for Rs. 7000 per annum. A puts 110 cows in the farm for 3 months, B puts 110 cows for 6 months and C puts 440 cows for 3 months. What percentage of the total expenditure should A pay?

A. 20%

B. 14.28%

C. 16.66%

D. 11.01%

6. In a mixture of a, b, & c, if a and b are mixed in 3:5 ratio and b and c are mixed in 8:5 Ratio and if the final mixture is 35 liters, find the amount of b?

A. 15.73

B. 23.5

- C. 15.37
- D. 15.66

7. Ten years ago A was half of B's Age. If ratio of their present ages is 3:4 then what is the total of their present ages?

- A. 30 years
- B. 8 years
- C. 35 years
- D. 20 years

8. If A and B get profits of Rs. 6000 and Rs. 4000 respectively at the end of year the ratio of their investments are

- A. 1:4
- B. 3:2
- C. 2:3
- D. None of these

9. If shares of two persons in profits are Rs.400 and Rs.600 then ratio of their capitals is

- A. 3:4
- B. 2:3
- C. 4:3
- D. 1:3

10. If the ratio of ages of two friends is 4:3 and sum of their ages is 70 years then what is the age of older friend?

- A. 30 years
- B. 35 years
- C. 40 years
- D. 25 years

11. The ratio of ages of two friends is 3:5 and sum of their ages is 80 years. What are their present ages in years?

- A. 10,60
- B. 20,60
- C. 40,30
- D. 30,50

12. A and B invest money in the ratio 3:4 and they has loss of Rs.7000 at the end of year. what is the share of loss of B?

- A. Rs.4000
- B. Rs.3000
- C. Rs.7000
- D. Rs.2000

13. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

- A. 2:5
- B. 3:5
- C. 4:5
- D. 5:3

14. Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?

- A. 2:3:4
- B. 6:7:8
- C. 6:8:9
- D. None of these

15. A Product is supported each week by the same three customer service Representatives (CSR's). Last month the first CSR took 450 calls, the second took 350 calls, and the third took 300 calls. This month the job will consists of 1500 calls. If the three CSR's each increase their work proportionately, how many more calls will the first CSR take this month than last month?

- A. 150
- B. 400
- C. 460
- D. 164

16. Find in what ratio will the total wages of the workers of a factory be increased or decreased. If there be a reduction in the ratio 15:11, and a increment in the wages in the ratio 22:25

- A. $6/5$
- B. $5/6$
- C. $1/4$
- D. $3/4$

17. Rs 5000 was divided among 5 men, 6 women and 5 boys, such that the ratio of the shares of men, women and boys is 5:3:2 what is the share of the boy?

- A. Rs. 200
- B. Rs. 100
- C. Rs. 250
- D. Rs. 150

18. Kelly and Chris are moving into a new city. Both of them love books and thus packed several boxes with books. If Chris packed 60% of the total number of boxes, what was the ratio of the number of boxes Kelly packed to the number of boxes Chris packed?

- A. 2:3
- B. 3:4
- C. 3:2
- D. None of these

19. Sand and cement were mixed in the ratio 3 : 1 to make up 1 tonne. How much sand must be added to make the ratio 6 : 1 ?

- A. 1 tonne.
- B. 750 kg.
- C. 500 kg.
- D. 5 tonne.
- E. None of these

20. The fourth proportional to 5,6 and 150 is?

- A. 125
- B. 145
- C. 200
- D. 180

ANSWERS

- 1. C**
- 2. C**
- 3. C**
- 4. C**
- 5. B**
- 6. A**
- 7. C**

8. B

9. B

10. C

11. D

12. A

13. C

14. A

15. D

16. A

17. A

18. A

19. B

20. D