

Quantitative Aptitude

1. If the difference between the present age of P and Q is three years and the ratio between the age of P and Q after two years will be 5 : 4, then find the age of P after two years (in years)?

(a) 15

(b) 13

(c) 18

(d) 16

(e) 14

2. A and B both spend 30% of their income together which is equal to Rs. 26400. If income of A is 20% more than that of B, then find the income of B (in Rs.)?

(a) 52000

(b) 48000

(c) 40000

(d) 36000

(e) 30000

3. If a man invests equal sum at the same rate of interest on simple interest for T and $T+4$ years and the respective ratio of interest gets by man is $1:2$ respectively, then find 'T'?

(a) 6

(b) 2

(c) 5

(d) 3

(e) 4

4. 12 women can complete a work in 64 day, then find how many women will be required to complete $\frac{2}{3}$ rd of the same work in 16 days?

(a) 28

(b) 24

(c) 36

(d) 32

(e) 48

5. A train running at the speed of 72 kmph crosses a pole in 30 seconds. Find the time taken by the same train to cross the pole with the speed of 54 kmph (in sec)?

(a) 42

(b) 48

(c) 54

(d) 45

(e) 40

6. The upstream speed and downstream speed of a boat is 10 kmph and 14 kmph respectively and boat travelled for T hours & 6 hours in upstream and downstream respectively. If the distance travelled in downstream is 44 km more than upstream, then find the value of 'T'

(a) 4

(b) 3

(c) 6

(d) 5

(e) 8

7. An article was marked up by 50% above cost price and allowed Rs 50 discount on marked price. If shopkeeper still made a profit of Rs. 50, then find the selling price of the article (in Rs.)?

(a) 350 Rs.

(b) 300 Rs.

(c) 250 Rs.

(d) 200 Rs.

(e) 150 Rs.

8. A & B invested Rs. X and Rs. $(X + 800)$ for same period of time in a business. If A gets Rs. 3200 as profit share out of total profit of Rs. 6800, then find 'X'?

(a) 7800

(b) 6000

(c) 8400

(d) 7200

(e) 6400

9. A vessel contains mixture of milk and water in the ratio of 3 : 1 respectively. If 20 liters mixture taken out from the vessel and now the difference between milk and water in the remaining mixture is 70 liters, then find initial mixture in vessel (in liters)?

(a) 240

(b) 160

(c) 120

(d) 80

(e) 180

10. Perimeter of a rectangle is 2 cm more than circumference of a circle and area of circle is 616 cm^2 . If breath of rectangle is equal to radius of circle, then find length of rectangle (in cm)?

(a) 35

(b) 33

(c) 31

(d) 21

(e) 27