

- 1) If the ratio of the ages of Maya and Chhaya is 6:5 at present, and fifteen years from now, the ratio will get changed to 9:8, then find Maya's present age.
- a) 24 years  
b) 30 years  
c) 18 years  
d) 33 years
- 2) If 391 bananas were distributed among three monkeys in the ratio  $1/2 : 2/3 : 3/4$ , how many bananas did the first monkey get?
- a) 102  
b) 108  
c) 112  
d) 104
- 3) If Rs 58 is divided among 150 children such that each girl and each boy get 25 p and 50 p respectively. Then how many girls are there?
- a) 51  
b) 54  
c) 68  
d) 62
- 4) A beggar had ten paise, twenty paise and one rupee coins in the ratio 10 : 17 : 7 respectively at the end of day. If that day he earned a total of Rs 57, how many twenty paise coins did he have?
- a) 114  
b) 171  
c) 95  
d) 85
- 5) Vijay has coins of the denomination of Re. 1, 50 p and 25 p in the ratio of 12:10:7. The total worth of the coins he has is Rs 75. Find the number of 25 p coins that Vijay has
- a) 48  
b) 72  
c) 60  
d) None of these
- 6) If two numbers are in the ratio of 5 : 8 and if 9 be added to each, the ratio becomes 8 : 11. Now find the lower number.
- a) 5  
b) 10  
c) 15  
d) None of these
- 7) What number must be taken from each term of the fraction  $27/35$  that it may become 2 : 3?
- a) 9  
b) 10  
c) 11  
d) None of these
- 8) The total number of pupils in three classes of a school is 333. The number of pupils in classes I and II are in the ratio 3 : 5 and those in classes II and III are in the ratio 7 : 11. Find the number of pupils in the class that had the highest number of pupils.
- a) 63  
b) 105  
c) 165  
d) 180
- 9) The students in three batches at StudyIQ are in the ratio 2 : 3 : 5. If 20 students are increased in each batch, the ratio changes to 4 : 5 : 7. The total number of students in the three batches before the increases were
- a) 85  
b) 90  
c) 100  
d) 150
- 10) Rs 3650 is divided among 4 engineers, 3 MBAs and 5 CAs such that 3 CAs get as much as 2 MBAs and 3 Engineers as much as 2 CAs. Find the share of an MBA.
- a) 300  
b) 450  
c) 475  
d) None of these

Answers:

- 1 – B
- 2 – A
- 3 – C
- 4 – D
- 5 – D
- 6 – C
- 7 – C
- 8 – C
- 9 – C
- 10 – B

