Quantitative Test

Total questions : 10

Time allowed : 10 mins

1. A sum of Rs.32000 was deposited in a savings account in two parts. One part was deposited at 8% p.a. and the other part was deposited at 12% p.a. The sum earns an interest of 9% p.a. Find the difference (in Rs.) of the two parts.

   a. 12000
   c. 16000

   b. 14000
   d. 10000

   Ans._____

2. The average age of a father and his only son is 25% more than the average age of that boy and his mother. When that boy was born, his mother was 30 years old and his father was 40 years old. Find the present age of father.

   a. 55
   c. 65

   b. 48
   d. 45

   Ans._____

3. $[(156)2 \div 8 \times 36] \div ? = 117 \times 24$

   a. 37
   c. 41

   b. 39
   d. 43

   Ans._____

4. The marks scored by 40 students in a test are distinct and have integral values. If the highest score is 120 and their average score is 100.5, then find the average of the least and the second least mark.

   a. 81.5
   c. 82.5

   b. 82
   d. 80

   Ans._____

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5. Ram's age when Shyam was as old as Ram is one-third of the Shyam's present age. When Ram will be as old as Shyam is, Shyam will be 10 years older than Ram will be. Find Shyam's present age (in years).

   a. 20   b. 30
   c. 25   d. 40

   Ans._____

6. $(88)2 + (73)2 = (?)2 - (38)2 - 859$

   a. 15876   b. 15376
   c. 126   d. 124

   Ans._____

7. 4 men can complete a piece of work in 4 days working 4 hrs a days. In how many hours can 8 men coplete the same work working 8 hours a day?

   a. ½   b. 2
   c. 4   d. 1

   Ans._____

8. The ages of Chinmay and Maulik are in the ratio of 5: 2 respectively. After 7 years the ratio of their ages will be 4 : 3. What is age of Chinmay?

   a. 10 years   b. 5 years
   c. 6 years   d. 12 years

   Ans._____

9. $312 \times ? \times 14 = 157843 + 56189$

   a. 48   b. 50
   c. 52   d. None of the above

   Ans._____

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10. A total of 44 chocolates were distributed among 10 children such that each girl gets 5 chocolates and each boy gets 4 chocolates. What is the no of girls?

   a. 6   b. 5
   c. 4   d. 3

   Ans._____