

APTITUDE QUIZ

1. The average of the marks obtained in an examination by 8 students was 51 and by 9 other students was 68. The average marks of all 17 students was:

- (A) 59
- (B) 59.5
- (C) 60
- (D) 60.5

ANSWER: C

2. A library has an average number of 510 visitors on Sunday and 240 on other days. The average number of visitors per day in a month of 30 days beginning with Sunday is:

- (A) 300
- (B) 290
- (C) 285
- (D) 295

ANSWER: C

3. 12 kg of rice costing 30 per kg is mixed with 8 kg of rice costing 40 per kg. The average per kg price of mixed rice is

- (A) 35
- (B) 34
- (C) 38
- (D) 37

ANSWER: B

4. A can do a piece of work in 10 days and B can do it in 15 days. They work together for 5 days, the rest of the work is finished by C in two more days. If they got ₹ 6000 as wages for the whole work, then find the daily wages of A, B and C.

- (A) 600, 400, 500
- (B) 400, 600, 800
- (C) 400, 500, 600
- (D) None of these

ANSWER: A

5. A goldsmith observes that one of his employees prepares a necklace in 9 hours, while another employee prepares it in 10 hours. If they work together, they stud 10 gems less every hour and thus prepare a necklace in 5 hours, then the number of gems studded in each necklace is:

- (A) 1200

- (B) 1000
- (C) 800
- (D) 900

ANSWER: D

6. P and Q can do a piece of work in 12 days, Q and R can do a piece of work in 15 days and R and P can do a piece of work in 20 days. Q alone can do the whole work in

- (A) 25 days
- (B) 30 days
- (C) 20 days
- (D) 24 days

ANSWER: C

7. If $A:B:C=2:3:4$, then the ratio will be

- (A) 8:9:16
- (B) 8:9:12
- (C) 8:9:24
- (D) 4:9:16

ANSWER: C

8. If the compound ratio of $[(3a + 2b) : 3]$ and $[1 : (3a + b)]$ is $1 : 2$, find the ratio $a : b$.

- (A) 1 : 4
- (B) 1 : 6
- (C) 1 : 2
- (D) 1 : 3

ANSWER: D

9. Find the mean proportional between 8 and 98.

- (A) 112
- (B) 28
- (C) 16
- (D) 53

ANSWER: C

10. The cost price of a book is ₹110 and the selling price is ₹123.20. What percent profit will the bookseller make on selling it?

- (A) 11%
- (B) 12%
- (C) 13%
- (D) 14%

ANSWER: B