

Examrace

Competitive Exams: Numerical Aptitude Questions (Practice_Test 7 of 12)

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1. Vivek purchased 120 tables at a price of Rs. 110 per table. He sold 30 tables at a profit of Rs. 12 per table and 75 tables at a profit of Rs. 14 per table. The remaining tables were sold at a loss of Rs. 7 per table. What is the average profit per table?
 - a. Rs. 12.875
 - b. Rs. 10.04
 - c. 10.875
 - d. Rs. 12.80
 - e. Rs. 13.80

Answer: c

2. A book dealer allows 16 per cent discount to a retailer and the retailer allows 10 per cent discount to a customer. These both discounts are given on the printed price of the book. If the customer pays Rs. 270 for a book and the dealer makes a profit of 5 per cent what is the cost price of the book for the dealer?
 - a. Rs. 252
 - b. Rs. 243
 - c. Rs. 240
 - d. Rs. 250
 - e. Rs. 350

Answer: c

3. The difference between the greatest and the least numbers of eight digits which begin with 8 and end with 6 is
 - a. 99999999
 - b. 10000000
 - c. 80000006
 - d. 9999996

e. None of these

Answer: d

4. If $a * b = a^2 + b^2$ then $3 * 5$ is equal to

a. 16

b. 34

c. 8

d. 15

e. 18

Answer: b

5. The Simple interest on a sum of money at 8 per cent per annum for 6 years is half the sum.
The sum is

a. Rs. 4800

b. Rs. 6000

c. Rs. 8000

d. Rs. 7000

e. Data inadequate

Answer: d

6. How long will it take a sum of money invested at 5 per cent per annum simple interest to increase its value by 40 per cent?

a. 5 years

b. 6 years

c. 7 years

d. 8 years

e. 10 years

Answer: d

7. A number, when successively divided by 3 and 5, leaves remainder of 2 and 1, when the same number is divided by 15, the remainder is

a. 1

b. 2

- c. 5
- d. 7
- e. 10

Answer: c

8. The numbers 1, 3, 5, ... 25 are multiplied together. The numbers of zeros at the right end of the product is

- a. 1
- b. 0
- c. 2
- d. 3
- e. 8

Answer: b

9. What will be the compound interest on Rs. 240 for 2 years at 4 per cent per annum?

- a. Rs. 19.20
- b. Rs. 9.60
- c. Rs. 19.18
- d. Rs. 19.58
- e. Rs. 20.58

Answer: d

10. Find the compound interest on Rs. 15000 at 8 per cent per annum payable half-yearly for 1 year.

- a. Rs. 1500
- b. Rs. 1432
- c. Rs. 1200
- d. Rs. 1224
- e. Rs. 1324

Answer: d