

QUANTITATIVE ABILITY-Set 3-Questions

1. A businessman increased the price of an article twice by 20% consecutively on its cost price. He then sold the article by allowing a discount of 35%. What will be his net profit or loss ?

- A. Gain by 5%
- B. loss by 5%
- C. loss by 6.4%
- D. gain by 6.4%

2. The length of a rectangle is increased by 10% while the breadth was reduced by 10%. Again the length was decreased by 10% and the breadth was increased by 10%. After such operations, the area of the rectangle is increased or decreased by

- A. no increase or decrease
- B. 0.9% increase
- C. 1.99% increase
- D. 1.99% decrease

3. If a number is multiplied by 15, it is increased by the square of the number. Then what is the number?

- A. 15
- B. 14
- C. 16
- D. 8

4. Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is,

- A. 15 days
- B. 16 days
- C. 18 days
- D. 25 days

5. A quantity of rice suffices a family for 30 days if 5 KG of rice is given away to charity on every consumption day. However, the same rice suffices the family for 25 days if 8 KG of rice is given away to charity on every consumption day. What is the total quantity of rice the family had in store at the beginning ?

- A. 340 KG
- B. 420 KG

- C. 440 KG
- D. 450 KG

6. What is the least value of the expression $3x^2-6x+8$ is

- A. 1
- B. 4
- C. 5
- D. 7