QUANTITATIVE ABILITY-Set 4-Questions

1. A shopkeeper buys two tables in Rs. 800. He sells one table at 10% profit and the other at 20% profit. If he keeps the profit 20% for the first table and 15% for the second table, he would have gained Rs. 6.50 more. What are the cost prices of two tables ?

    A. 215 and 585
    B. 590 and 210
    C. 310 and 490
    D. 320 and 480

2. Distance between two places is 200 km. A jeep takes two hours less time than a car to cover this distance. If the jeep has 5 km more speed in an hour than the car, then what is the speed of the car ?

    A. 12 km/hr
    B. 20 km/hr
    C. 25 km/hr
    D. 30 km/hr

3. A container contains 40 litres of milk. From this container 4 litre of milk was taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container ?

    A. 26.34 litres
    B. 27.36 litres
    C. 28.00 litres
    D. 29.16 litres

4. What is the approximate number of bricks, each measuring 32 cm x 16 cm x 8 cm, required to construct a wall 24 m long, 12m high and 12 cm thick, if 20% of the wall is filled with mortar ?

    A. 1968
    B. 2965
    C. 6750
    D. 4500

5. In an accounting firm, 15% of the accountants possess at least 5 years of experience and MBA degree. If 35% of the accountants have MBA degree and 45% have fewer than 5 years of experience, then what percentage of them are neither MBA nor having 5 years of experience ?

A. 5%
B. 15%
C. 35%
D. 45%

6. The illumination of light from a definite bulb varies inversely with the square of the distance of the point from the source. A book is 9 cm away from the lamp. How far the book is to be moved farther so that the illumination at that place becomes $1/4$ of the previous position ?

A. 9 cm
B. 18 cm
C. 27 cm
D. 36 cm