

CMAT 2022 Previous Year Question Paper

Answer the following questions.

Question 1: If the cost price is 80% of the selling price, then what is the profit in percentage?

1. 20%
2. 25%
3. 16%
4. 22.5%

Question 2: If a 30-meter ladder is placed against a wall such that it just reaches the top of the wall, if the horizontal distance between the wall and the base of the ladder is $\frac{1}{3}$ rd of the length of the ladder, then the height of the wall is :

1. 25 Meter
2. $20\sqrt{2}$ meter
3. $20\sqrt{3}$ meter
4. 20 meter

Question 3: With an average speed of 40 km/hr, a train reaches its destination in time. If it goes with an average speed of 30 km/hr, it is late by 36 minutes. The total distance travelled by train is :

1. 72 km
2. 78 km
3. 60 km
4. 40 km

Question 4: In a batch of 50 students has a ratio of Boys to Girls as 4:6. Average marks of Girls are 60 and Average marks of the batch is 62. Average Marks of Boys will be:

1. 61
2. 63
3. 62
4. 65

Question 5: In a bag, there are 15 red balls and 10 green balls. Three balls are selected at random. The probability of selecting 2 red balls and 1 green ball is :

1. $\frac{21}{46}$
2. $\frac{25}{117}$
3. $\frac{3}{25}$
4. $\frac{1}{50}$

