Subject: - Mathematics	**TEST PAPER**	**CBSE-7th**
Topic: - C.P. & S.P. (Only)		**Time: - 60mins, M.M:-25**

(SECTION A – 1 MARK)

1. a) 23% + 47% + ………………… = 100%.   b) 54% = 100% - …………………....

2. The length of the rope is decreased by 12.5%. What is the new length if it was 150 metres?

3. A shopkeeper bought an oven for ₹5000 and sold it for ₹6500. He paid ₹200 octroi and ₹300 transportation charges. Find his gain or loss.

4. Find S.P. when C.P. = 8640, Loss% = 12.5%

5. 18% of 650 boys in a school take maths. How many boys does not take maths?

(SECTION B – 2 MARKS)

1. A company used 75% of its profits to buy a new machinery and raw materials. If this amounted to ₹85071. Find the total profit of the company.

2. By selling an article for ₹400, a man gains ₹25. At what price should he sell the article to gain 20%.

3. If the ratio of the cost price and the selling price of an article is 5:6, what is the gain percent of that article.

4. A vendor buys lemons at ₹25/dozen and sells them at the rate of 5 for ₹12. Find his gain or loss%.

(SECTION C – 3 MARKS)

1. Prem bought 150 dozen pen-pencils at ₹20 a dozen. His overhead expenses were ₹200. He sold them at ₹2.40 each. What was his profit or loss percent?

2. Manoj purchased a video for ₹12000. He sold it to Rahul at a gain of 10%. If Rahul sells it to Rakesh at a loss of 5%, what did Rakesh pay for it?

3. The selling price of 12 pens is equal to the cost price of 15 pens, Find the gain percent?

(SECTION D – 4 MARKS)

1. On selling a pen for ₹48. A shopkeeper loses 20%. In order to gain 20%, what would be the selling price?

OR

A woman bought 50 dozen eggs at ₹16 a dozen. Out of these, 20 eggs were found to be broken. She sold the remaining eggs at ₹1.50 per egg. Find her gain or loss percent?

2. If the manufacturer gains 10%, the wholesale dealer gains 15% and the retailer gains 25% then what is the production cost of a washing machine whose retail price is ₹37950

OR

Anwar sold two washing machines at ₹12000 each. On one he gains 25% and on the other he loses 25%. How much does he gain or lose in the whole transaction?