Finding SP and CP

A. Choose the correct answer:

- 1. If cost price is ₹150 and profit is ₹30 then selling price is
 - a) ₹180 b) ₹120
 - c) ₹150 d) ₹200

2. If selling price is ₹250 and loss is ₹50 then cost price is

a) ₹250	b) ₹200

c) ₹300 d) ₹150

3. If profit = ₹40 and CP = ₹160 then SP =

- a) ₹120 b) ₹180
- c) ₹200 d) ₹220

4. If loss = ₹25 and SP = ₹175 then CP =

- a) ₹200 b) ₹150
- c) ₹125 d) ₹100

5. To find selling price we add profit to

- a) SP b) CP
- c) loss d) discount

B. Write the Missing Terms to Complete the Sentences:

- 1. SP = CP + _____ (in case of profit)
- 2. CP = SP + _____ (in case of loss)
- 3. If CP = ₹400 and profit = ₹100 then SP = ₹_____
- 4. If SP = ₹850 and loss = ₹150 then CP = ₹_____
- 5. If profit is $₹\frac{1}{5}$ of CP and CP = ₹200 then profit = ₹_____

C. Mark each sentence with a True (✔) or False (X):

1. If CP = ₹500 and SP = ₹600 there is a profit of ₹100.

2. SP = CP - loss.

3. To find CP from SP and loss we subtract loss from SP. _

4. SP = CP - profit.

5. In profit situations CP is always more than SP.

D. Figure out the answers to these questions:

- 1. A bag is bought for ₹450 and sold at a profit of ₹50 Find the selling price.
- 2. A chair is sold for ₹1100 with a loss of ₹100 Find the cost price.
- 3. Find SP if CP = ₹800 and gain = ₹ $\frac{1}{10}$ of CP.
- 4. If SP = ₹650 and loss = ₹75 find the cost price..
- 5. A mobile phone is bought for ₹9000 and sold at a gain of $₹\frac{1}{20}$ of CP Find the SP

E. Challenge yourself with these questions:

- 1. A shopkeeper bought a clock for ₹750 and sold it at a profit of ₹125 Find the selling price.
- 2. A book is sold for ₹180 with a loss of ₹20 Find the cost price.
- 3. A toy was bought for ₹500 and sold at a gain of $₹\frac{1}{5}$ of CP Find the selling price.
- 4. A refrigerator was sold at ₹13500 after losing ₹1500 Find its cost price.
- 5. A pen was sold for ₹66 making a profit of $₹\frac{1}{6}$ of CP Find the cost price.