## Section - A [1 mark each]

1. Convert the ratio $2: 5$ into percentage?
2. What are the coordinates of origin?
3. On which axis does $\mathrm{P}(0,5)$ lie?
4. Which graph is used to show comparison among categories?

## Section - B [2 marks each]

5. A table marked at Rs. $15,000 /$ - is sold for Rs. $14,400 /$-. Calculate the discount and discount \%
6. Find the compound interest on Rs. 12,600/- for 2 years at $10 \%$ per annum interest compounded annually.
7. A bicycle is bought for Rs. $20,000 /-$ and sold at a profit of $5 \%$. Find its selling price.

## Section - C [3 marks each]

8. Find the compound interest on Rs. 5,000/- for $2^{1} / 2$ years at the rate of $6 \%$ per annum compounded annually.
9. Draw the graph for the following

| Side of a square (in cm) | Area of square (in $\mathrm{cm}^{2}$ ) |
| :---: | :---: |
| 2 | 4 |
| 3 | 9 |
| 4 | 16 |
| 5 | 25 |
| 6 | 36 |

Is it a linear graph?

## Section - D [4 marks]

10. A man sold 2 paintings for Rs. 99,000/- each. On one he incurred a loss of $10 \%$ and on the other he gained $10 \%$. Find the actual gain or loss percent in the whole transaction.
```
-x-x-x-x-x-x-
```

