

**Q.1)** In a rare coin collection, there is one gold coin for every four non-gold coins. 5 more gold coins are added to the collection and the ratio of gold coins to non-gold coins would be 1: 3. Based on the information, the total number of coins in the collection now becomes

- a) 90
- b) 80
- c) 60
- d) 50

**Q.2)** The ratio of the salary of Ram in August to that in December was  $3\frac{1}{3} : 3\frac{1}{6}$ . By what % was the salary of August more than the salary of December?

- a) 5%
- b) 10%
- c) 7.5%
- d) 2.5%

**Q.3)** The marked price of a laptop is 10,500. Aman bought it for two successive discounts of 20% and 5%. He spent Rs. 20 on transportation and sold it for 11,000. His profit was;

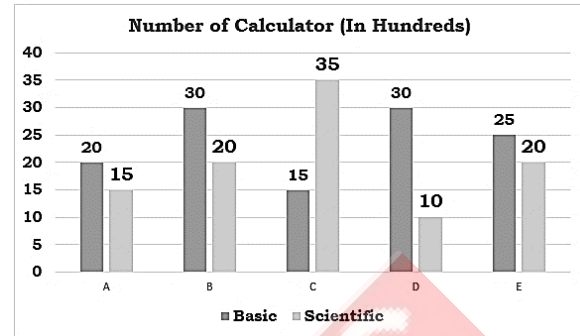
- a)  $37\frac{1}{2}\%$
- b) 40%
- c)  $33\frac{1}{2}\%$
- d) 35%

**Q.4)** In a group of 150 persons, 132 people can speak English and 61 can speak French. How many can speak both English and French?

- a) 18
- b) 79
- c) 43
- d) 61

**Directions (Q.5 - Q.8):** Study the following information carefully and answer the given questions:

The following bar graph shows the basic and scientific calculators (In hundreds) stock in different stores and the table shows the (Basic + Scientific) calculators sold by the different stores.



Calculator (basic + scientific)	Sold%
Store A	20%
Store B	40%
Store C	30%
Store D	40%
Store E	50%

**Q.5)** Find the average number of basic calculators in store B, C, and D together?

- a) 2200
- b) 2000
- c) 2500
- d) 1800

**Q.6)** Find the difference between the (Basic + Scientific) calculators sold by store A to that of store C?

- a) 550
- b) 900
- c) 1050
- d) 800

**Q.7)** Find the ratio of the number of (Basic + Scientific) calculators sold by store B to that of store D?

- a) 4: 7
- b) 5: 4
- c) 3: 2
- d) 9: 8