

1 (d) frequency of class

2 (a) Pie chart

3 (b) 360°

4 (c) 41

$$[\text{range} = HV - LV \\ = 61 - 20 \\ = 40]$$

5 (d) Throwing a stone from a roof of a building

6 (b) $\frac{5}{26}$

$$[\text{no. of alphabets} = 26 \\ \text{no. of vowels} = 5 \\ \therefore P(V) = \frac{5}{26}]$$

7 (b) 0.4

$$[P(\text{Participants}) = \frac{3}{5} = 0.6 \\ P(\text{non Participants}) = 1 - 0.6 \\ = 0.4]$$

8 (c) green

$$[P(\text{green}) = \frac{20}{100} = \frac{1}{5}]$$

9 (c) 24

$$[\text{no. of others} = \frac{6}{100} \times 400 \\ = 24]$$

10 (d) number of students liking together yellow and green colour is approximately the same as those for red colour.

$$[\text{percentage of yellow} + \text{green} = 14 + 20 = 34 \\ \text{percentage of red} = 35]$$