

18. 1, 2, 3, 4, 5, ..., 88, 89, 90

$$\textcircled{i} \text{ no. of 2 digit nos} = 90 - 9 \\ = 81$$

$$P(\text{2 digit nos}) = \frac{81}{90} \\ = \frac{9}{10}$$

$\textcircled{ii}$  Perfect squares are 1, 4, 9, 16, 25, 36, 49, 64, 81

$$\text{no. of perfect squares} = 9$$

$$P(\text{perfect square}) = \frac{9}{90} \\ = \frac{1}{10}$$

$\textcircled{iii}$  nos divisible by 5 are 5, 10, 15, ..., 85, 90

$$\text{total nos} = 18$$

$$P(\text{no. div. by 5}) = \frac{18}{90} \\ = \frac{1}{5}$$

19. Faces A B C D E A

$$P(A) = \frac{2}{6}$$

$$= \frac{1}{3}$$

$$P(D) = \frac{1}{6}$$