

Second Paper : Ch 1

formulas

(i) If 'A' is an event which belongs to
Sample space 'S'

$$\rightarrow \text{Probability, } P(A) = \frac{n(A)}{n(S)}$$

(ii) Independent event : $P(A \cap B) = P(A). P(B)$

(iii) Complementary / Supplementary / Exhaustive
events : $P(A \cup B) = 1$ or $P(A) + P(B) = 1$

(iv) Mutually exclusive
events : $P(A \cap B) = 0$ or $P(A \cup B) = P(A) + P(B)$