GRADE -8   **QUESTION BANK**   **SUB: MATHEMATICS**

CH-7 – PROBABILITY

Name: ………………………………………..   **Class:** ……………………

MC Q :

1) The probability of getting 0 when a fair die is thrown

   (a) 1   (b)0   (c) $\frac{1}{2}$ (d) $\frac{1}{4}$

2) A dice is thrown two times and sum of the numbers appearing on the dice are noted. The number of possible outcomes is

   (a) 6   (b) 11   (c) 18   (d) 36

3) In a single throw of a dice what is the probability of getting 7?

 (a) 6   (b) 1   (c) 0   (d) 3

4) In a bag, there are 4 Red balls and 6 Green balls. A ball is picked up at random, what is the probability of getting a red ball?

 (a) 0.6   (b) 1   (c) 0.5   (d) 0.4

5) Probability of rising the sun from east is

(a) 0.6   (b) 1   (c) 0.5   (d) 0.2

6) Today is Sunday, what is the chance of Monday tomorrow?

(a) 0.6   (b) 1   (c) 0.5   (d) 0.2

6) In a single toss of a coin what is the sum of probability of getting Head and Tail?

   (a) 1   (b) 6   (c) 0   (d) 3

FILL IN THE BLANKS :

i) the possible results of an experiment is called ………………

ii) The probability of an event always lies in between ……………

iii) The probability of an impossible event is ………….

iv) The probability of a sure event is …………

v)When a fair die is rolled once ,The probability that the number rolled is greater

than 2 and even is ……………………

vi) If the probability to happen an event E is 0.35, the probability of not happening

will be ………………..

Write TRUE/FALSE :

i) The probability of a sure event is 0.

ii)If a coin is tossed once the probability of getting Head is $\frac{1}{2}$.

iii)The probability of an event lies between …..and ………….

iv)If two coins are tossed together, the probability of getting tails on both the coins

is $\frac{1}{4}$.

ANSWER THE FOLLOWING QUESTIONS

1) A bag contains 6 apples, 4 oranges, and 2 mangoes. A fruit is drawn at random.

(a) What is the probability that the chosen fruit is an orange?

(b) What is probability that the chosen fruit is mangoes is green ?

2) A bag contains 6 Red balls 2 Green Balls 2 Green balls; a ball is picked up at random What is the probability of getting a red ball?

3) From a well shuffled deck of 52 playing cards, a card is selected at random. Find the probability of getting (i) a black card (ii) a black king (iii) an ace (iv) a card of diamond

3)A fair die is rolled once ,find the probability that it will turn up

a) an odd number   b) a number less than 5   c) a number divisible by

4) A jar contains 16 Red marbles,24 yellow marbles, and 8 Blue marbles.A marble is drawn out without looking into the jar. What is the probability that it will be a Red or a Blue marble?

5)Two dice are rolled simultaneously. What is the probability of getting a sum of 10.

6) A bag contains 6 Red balls 2 Green Balls 2 Green balls; a ball is picked up at random What is the probability of getting a red ball?