CLASS: VIII   SUBJECT : MATHEMATICS
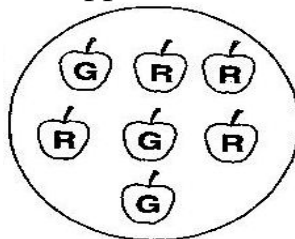UNIT 5 – DATA HANDLING
MODULE - 5/5

A. Fill in the blanks :

1. A _____ is one whose outcome cannot be predicted exactly in advance

2. Outcomes of an experiment are _____ if each has the same chance of occurring.

3. One or more outcomes of an experiment make an _____

4. Probability is calculated as _____

5. Probability of getting a head while tossing a coin is _____

B. DO AS DIRECTED :

6. If you have a spinning wheel with 3 green sectors, 1 blue sector and 1 red sector, what is the probability of getting a green sector? What is the probability of getting a none-blue sector?

7. Find the probability of the events of getting:
(i) (a) a prime number   (b) not a prime number
(ii) (a) a number greater than 5   (b) a number not greater than 5

8. Find the Probability of getting a red apple.

9. Numbers 1 to 10 are written on ten separate slips (one number on one slip), kept in a box and mixed well. One slip is chosen from the box without looking into it. What is the probability of:
(i) getting a number 6.
(ii) getting a number less than 6.
(iii) getting a number greater than 6.
(iv) getting a 1-digit number.

10. Find the Probability of getting a red king from a well shuffled deck of 52 playing cards.

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