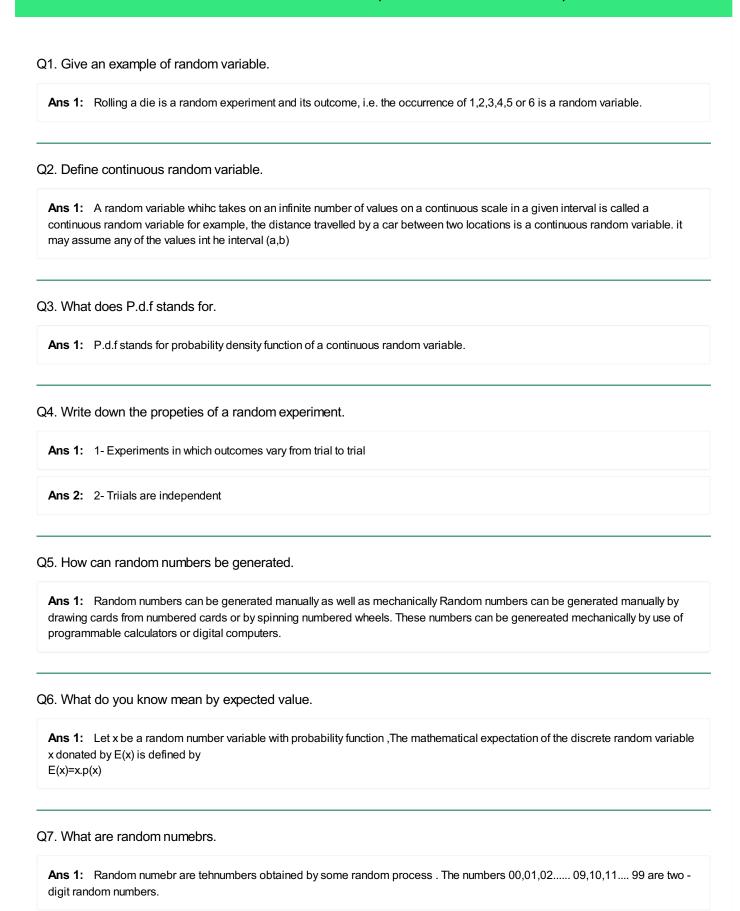


## Statistics - ICS Part 1 Statistics Chapter 8 Short Questions Preparation



- Q8. Define probability distribution for a discrete random variable.
  - **Ans 1:** Probability distribution of a discrete random variable is a table consisting of all possible values with their respective probabilities.
- Q9. How would represent the continuous probabiliyt distribution.
  - **Ans 1:** The probability distribution of a vontinuous random variable cannot be represented in tabular form. It can be represented by means of a mathematical formula and by a graph displayed as a continuous curve.
- Q10. What is meant by probability distribution?
  - **Ans 1:** An arrangement of all possible values of a continuous random variable x is specified by a curve such that the total area under the cause is 1.0.