1. Using a goodness of fit, we can assess whether a set of obtained frequencies differ from a set of _____ frequencies.
a) Mean   b) Actual   c) Predicted   d) Expected ✓

Ans: d) Expected

2. Chi-square is used to analyse.
a) Score   b) Rank   c) Frequencies ✓   d) All of these

Ans: c) Frequencies

3. What is the mean of a Chi Square distribution with 6 degrees of freedom?
a) 4   b) 12   c) 6 ✓   d) 8

Ans: c) 6

4. Which of these distributions is used for a goodness of fit testing?
a) Normal distribution   b) Chi Squared distribution ✓

c) Gamma distribution   d) Poisson distribution

Ans: b) Chi Squared distribution

5. Which of the following distributions is Continuous
a) Binomial Distribution   b) Hypergeometric Distribution

c) F-Distribution ✓   d) Poisson Distribution

Ans: c) F-Distribution

6. A statement made about a population for testing purpose is called?
a) Statistic   b) Hypothesis ✓   c) Level of Significance   d) Test Statistic

Ans: b) Hypothesis

7. If the assumed hypothesis is tested for rejection considering it to be true is called?
a) Null Hypothesis ✓   b) Statistical Hypothesis

c) Simple Hypothesis   d) Composite Hypothesis

Ans: a) Null Hypothesis

8. If the Critical region is evenly distributed then the test is referred as?
a) Two tailed ✓   b) One tailed   c) Three tailed   d) Zero tailed

Ans: a) Two tailed

9. Alternative Hypothesis is also called as?
a) Composite hypothesis   b) Research Hypothesis ✓
c) Simple Hypothesis   d) Null Hypothesis

Ans: b) Research Hypothesis

10. In a Binomial Distribution, if 'n' is the number of trials and 'p' is the probability of success, then the mean value is given by
a) np ✓   b) n

Ans: a) np