**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. Chisquare is used to analyse**

a) Score
b) Rank
c) Frequencies
d) All of these

**ANS: d) All of these**

**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) Chisqared distribution
c) Gamma distribution
d) Poission distribution

**ANS: b) Chisqared distribution**

**5. Which of the following distributions is Continuous**

a) Binomial Distribution
b) Hypergeometric Distribution
c) F Distribution
d) Poisson Distribution

**ANS: a) Binomial Distribution**

**6. A statement made about a population for testing purpose is called?**

a) Statistic

b) Hypothesis
c) Level of Significance
d) TestStatistic
**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**