Assignment 3

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

   Answer:- D) Expected

2. Chisquare is used to analyse
   a) Score
   b) Rank
   c) Frequencies
   d) All of these

   Answer:- 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

   Answer:- 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) Poission distribution

   Answer:- b) Chi squared distribution

5. Which of the following distributions is Continuous
   a) Binomial Distribution
   b) Hypergeometric Distribution
   c) F Distribution
   d) Poisson Distribution

   Answer:- 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

   Answer:- 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

   Answer:- 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

   Answer:- A) Two Tailed

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

   Answer:- 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 isgiven by __
   a) np
   b) N

   Answer:- A) np