STATISTICS WORKSHEET-5

Q1 to Q10 are MCQs with only one correct answer. Choose the correct option.

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

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

2 What is the mean of a Chi Square distribution with 6 degrees of freedom?
   a) 4
   a) 12
   b) 6 Ans
   c) 8

3. Which of these distributions is used for a goodness of fit testing?
   a) Normal distribution
   b) Chi-square distribution   Ans
   c) Gamma distribution
   Poission distribution

   Which of the following distribution is continuos

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

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

7. If the assumed hypothesis is tested for rejection considering it to be true is called?
   a) Null Hypothesis Ans
   b) Statistical Hypothesis
   c) Simple Hypothesis
   d) Composite Hypothesis

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

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