FLIP ROBO

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-d expected

2. Chisquare 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) 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-c F 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 Nul 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

 10In a Binomial Distribution, if 'n' is the number of trials and 'p' is the probability of success, then the mean value is given by _____
   e) np
   f) N
   Ans-np