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   ANSWER D
2. Chisquare is used to analyse
   a) Score
   b) Rank
   c) Frequencies
   d) All of these   ANSWER C
3. What is the mean of a Chi Square distribution with 6 degrees of freedom? a) 4
   b) 12
   c) 6   ANSWER 6
   d) 8
4. Which of these distributions is used for a goodness of fit testing?
   a) Normal distribution
   b) Chisqared distribution
   c) Gamma distribution
      Poission distribution   ANSWER B
5. Which of the following distributions is Continuous
   a) Binomial Distribution
   b) Hypergeometric Distribution
   c) F Distribution   ANSWER C
   d) Poisson Distribution
6. A statement made about a population for testing purpose is called? a) Statistic
   b) Hypothesis   ANSWER B
   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
   b) Statistical Hypothesis
   c) Simple Hypothesis
   d) Composite Hypothesis   ANSWER A
8. If the Critical region is evenly distributed then the test is referred as? a) Two tailed
   b) One tailed   ANSWER A
   c) Three tailed
   d) Zero tailed
9. Alternative Hypothesis is also called as?
   a) Composite hypothesis
   b) Research Hypothesis
   c) Simple Hypothesis   ANSWER B
   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   ANSWER A
    b) n