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.
   1. Mean
   2. Actual
   3. Predicted
   4. **Expected**
2. Chisquare is used to analyse
   1. Score
   2. Rank
   3. **Frequencies**
   4. All of these
3. What is the mean of a Chi Square distribution with 6 degrees of freedom?
   1. 4
   2. 12
   3. **6**
   4. 8
4. Which of these distributions is used for a goodness of fit testing?
   1. Normal distribution
   2. **Chisqared distribution**
   3. Gamma distribution
   4. Poission distribution
5. Which of the following distributions is Continuous
   1. Binomial Distribution
   2. Hypergeometric Distribution
   3. F Distribution
   4. **Poisson Distribution**
6. A statement made about a population for testing purpose is called?
   1. Statistic
   2. **Hypothesis**
   3. Level of Significance
   4. TestStatistic
7. If the assumed hypothesis is tested for rejection considering it to be true is called?
   1. **Null Hypothesis**
   2. Statistical Hypothesis
   3. Simple Hypothesis
   4. Composite Hypothesis
8. If the Critical region is evenly distributed then the test is referred as?
   1. **Two tailed**
   2. One tailed
   3. Three tailed
   4. Zero tailed
9. Alternative Hypothesis is also called as?
   1. Composite hypothesis
   2. **Research Hypothesis**
   3. Simple Hypothesis
   4. 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
    1. **np**
    2. n

