**STATISTICS WORKSHEET-5**

**Q-1 to Q-10 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
   1. Actual
   2. Predicted
   3. **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? a) 4
   1. 12
   2. **6**
   3. 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

* 1. Binomial Distribution
  2. Hypergeometric Distribution



5.

Which of the following distributions is

Continuous

* 1. F Distribution
  2. **Poisson Distribution**

1. A statement made about a population for testing purpose is called? a) Statistic
   1. **Hypothesis**
   2. Level of Significance
   3. TestStatistic
2. If the assumed hypothesis is tested for rejection considering it to be true is called? a) **Null Hypothesis**
   1. Statistical Hypothesis
   2. Simple Hypothesis
   3. Composite Hypothesis
3. If the Critical region is evenly distributed then the test is referred as?

a) **Two tailed**

* 1. One tailed
  2. Three tailed
  3. Zero tailed

1. 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