

## **STATISTICS WORKSHEET 5**

**1.** Using a goodness of fit, we can assess whether a set of obtained frequencies differ from a set of frequencies

Ans- Predicted

**2.** Chisquare is used to analyse

Ans- all of the above

**3.** What is the mean of a Chi Square distribution with 6 degrees of freedom?

Ans- 6

**4.** Which of these distributions is used for a goodness of fit testing?

Ans- chisquare distribution

**5.** Which of the following distributions is Continuous

Ans- Hypergeometric Distribution

**6.** A statement made about a population for testing purpose is called?

Ans- Hypothesis

**7.** If the assumed hypothesis is tested for rejection considering it to be true is called?

Ans- Null hypothesis

**8.** If the Critical region is evenly distributed then the test is referred as?

Ans- two tailed test

**9.** Alternative Hypothesis is also called as?

Ans- Research 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

Ans-  $np$