STATISTICS WORKSHEET-5

Kindly find the answers marked in **Bold**

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**

2) Chisquare is used to analyse a) Score b) Rank **c) Frequencies** d) All of these

3) What is the mean of a Chi Square distribution with 6 degrees of freedom? a) 4 b) 12 **c) 6** d) 8

4) Which of these distributions is used for a goodness of fit testing? a) Normal distribution **b) Chisquared distribution** c) Gamma distribution d) Poission distribution

5) Which of the following distributions is Continuous a) Binomial Distribution b) Hypergeometric Distribution **c) F Distribution** d) Poisson Distribution

6) A statement made about a population for testing purpose is called? a) Statistic **b) Hypothesis** 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

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

9) Alternative Hypothesis is also called as? a) Composite hypothesis **b) Research Hypothesis** c) Simple Hypothesis 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** b) n