**STATISTICS WORKSHEET-5**

Q1. 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

Ans.d)Expected

Q2. Chisquare is used to analyse

a) Score

b) Rank

c) Frequencies

d) All of these

Ans.c)Frequencies

Q3. What is the mean of a Chi Square distribution with 6 degrees of freedom?

a) 4

b) 12

c) 6

d) 8

Ans c)6

Q4. Which of these distributions is used for a goodness of fit testing?

a) Normal distribution

b) Chisqared distribution

c) Gamma distribution

d) Poission distribution

Ans b)Chisqared distribution

Q5. Which of the following distributions is Continuous

a) Binomial Distribution

b) Hypergeometric Distribution

c) F Distribution

d) Poisson Distribution

Ans c)F distribution

Q6. A statement made about a population for testing purpose is called?

a) Statistic

b) Hypothesis

c) Level of Significance

d) TestStatistic

Ans.b)hypothesis

Q7. 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

Ans.a)Null hypothesis

Q8. 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

Ans. A)Two Tailed

Q9. Alternative Hypothesis is also called as?

a) Composite hypothesis

b) Research Hypothesis

c) Simple Hypothesis

d) Null Hypothesis

Ans. B)Research hypothesis

Q10. 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

Ans. A)np