STATISTICS WORKSHEET-5

Question) 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

Answer) Expected

Question) Chisquare is used to analyse

a) Score

b) Rank

c) Frequencies

d) All of these

Answer) Frequencies

Question) What is the mean of a Chi Square distribution with 6 degrees of freedom ?

a) 4

b) 12

c) 6

d) 8

Answer) 6

Question) Which of these distributions is used for a goodness of fit testing ?

a) Normal distribution

b) Chi- Squared distribution

c) Gamma distribution

d) Poission distribution

Answer) Chi-Squared distribution

Question) Which of the following distributions is Continuous

a) Binomial Distribution

b) Hypergeometric Distribution

c) F Distribution

d) Poisson Distribution

Answer) F Distribution

Question) A statement made about a population for testing purpose is called ?

a) Statistic

b) Hypothesis

c) Level of Significance

d) TestStatistic

Answer) Hypothesis

Question) 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

Answer) Null Hypothesis

Question) 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

Answer) Two tailed

Question) Alternative Hypothesis is also called as ?

a) Composite hypothesis

b) Research Hypothesis

c) Simple Hypothesis

d) Null Hypothesis

Answer) Research Hypothesis

Question) In a Binomial Distribution, if 'n' is the number of trials and 'p' is the probability of success, then the mean value is given b _____

   a) np
   b) n

Answer) np