STATISTICS WORKSHEET-5

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

Solution: d) Expected

2. Chisquare is used to analyse

a) Score b) Rank c) Frequencies d) All of these

Solution: c) Frequencies

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

a) 4 b) 12 c) 6 d) 8

Solution: c) 6

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

a) Normal distribution b) Chisqared distribution c) Gamma distribution d) Poission distribution

Solution: b) Chisqared distribution

5. Which of the following distributions is Continuous

a) Binomial Distribution b) Hypergeometric Distribution c) F Distribution d) Poisson Distribution

Solution: c) F Distribution

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

a) Statistic b) Hypothesis c) Level of Significance d) TestStatistis

Solution: b) Hypothesis

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

Solution: a) Null 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

Solution: a) Two tailed

9. Alternative Hypothesis is also called as?

a) Composite hypothesis b) Research Hypothesis c) Simple Hypothesis d) Null Hypothesis

Solution: b) 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 a) np b) n

Solution: a) np