STATISTICS WORKSHEET-5

Q1 to Q10 are MCQs with only one correct answer. Choose the correct option.

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

d) Expected

2. Chisquare is used to analyse

c) Frequencies

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

Ans- (d)The degrees of freedom is 6 Hence Mean is 6.

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

(b) Chisqared distribution.

5. Which of the following distributions is Continuous

(c) F Distribution.

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

(b) Hypothesis

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

a) Null Hypothesis.

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

a) Two tailed.

9. Alternative Hypothesis is also called as?

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

Ans- (a) Binomial distribution expected value or mean is calculated multiplying the number of trials(n) By the probality of success(p) (np)