WORKSHEET 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. a) Mean b) Actual c) Predicted d) Expected
   Ans : d) Expected

2. Chisquare is used to analyse a) Score b) Rank c) Frequencies d) All of these
   Ans : 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
   Ans : 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
   Ans : b) Chisqared distribution

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

6. A statement made about a population for testing purpose is called?
   a) Statistic b) Hypothesis c) Level of Significance d) TestStatistic
   Ans : 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
   Ans : 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
   Ans : a) Two tailed

9. Alternative Hypothesis is also called as? a) Composite hypothesis b) Research Hypothesis c) Simple Hypothesis d) Null Hypothesis
   Ans : 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
    Ans : a) np