STATISTIC 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

Answer: **D**

2. Chisquare is used to analyse

a) Score   b) Rank

c) Frequencies   d) All of these

Answer: **C**

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

a) 4   b) 12

c) 6   d) 8

Answer: **C**

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

Answer: **B**

5. Which of the following distributions is Continuous

a) Binomial Distribution   b) Hypergeometric Distribution

c) F Distribution   d) Poisson Distribution

Answer: **C**

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

a) Statistic   b) Hypothesis

c) Level of Significance   d) TestStatistic

Answer: **B**

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

Answer: **A**

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

Answer: **A**

9. Alternative Hypothesis is also called as?

a) Composite hypothesis   b) Research Hypothesis

c) Simple Hypothesis   d) Null Hypothesis

Answer: **B**

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

Answer : **A**