

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
2. Chisquare is used to analyse
 - a) Score
 - b) Rank
 - c) **Frequencies**
 - d) All of theseAns: c
3. What is the mean of a Chi Square distribution with 6 degrees of freedom?
 - a) 4
 - b) 12
 - c) **6**
 - d) 8Ans: c
4. Which of these distributions is used for a goodness of fit testing?
 - a) Normal distribution
 - b) Chisquared distribution
 - c) Gamma distribution
 - d) **Poisson distribution**Ans: d
5. Which of the following distributions is Continuous
 - a) Binomial Distribution
 - b) Hypergeometric Distribution
 - c) **F Distribution**
 - d) Poisson DistributionAns: c
6. A statement made about a population for testing purpose is called?
 - a) Statistic
 - b) **Hypothesis**
 - c) Level of Significance
 - d) TestStatisticAns: 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 HypothesisAns: 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

Ans:b

9. Alternative Hypothesis is also called as?

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

Ans: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

Ans:a



FLIP ROBO
