

STATISTICSWORKSHEET-5

Q1toQ10 are MCQ it only one correct answer. Choose the correct option.

1. Using a goodness off it, we can assess whether a set of obtained frequencies differ from a set of frequencies.
 - a) Mean
 - b) Actual
 - c) Predicted
 - d) ExpectedANS: (D)

2. Ch I square is used to analyse
 - a) Score
 - b) Rank
 - c) Frequencies
 - d) All of theseANS: (C)

3. What is the mean of a Chi Squared is tribution with 6degrees of freedom?
 - a) 4
 - b) 12
 - c) 6
 - d) 8ANS: (B)

4. Which of these distributions is used for a goodness of fit testing?
 - a) Normal distribution
 - b) Chi squared distribution
 - c) Gamma distribution
 - d) Poission distributionANS: (B)

5. Which of the following distributions is Continuous?
 - a) Binomial Distribution
 - b) Hyper geometric 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) Test StatisticANS: (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: (A)

9. Alternative Hypothesis is also called as?

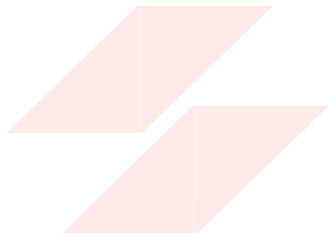
- a) Composite hypothesis
- b) Research Hypothesis
- c) Simple Hypothesis
- d) Null Hypothesis

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: (NP)- 'N' (the number of trials) and 'p' (the probability of success).



FLIP ROBO