

STATISTICSWORKSHEET-5

Q1toQ10areMCQswithonlyonecorrectanswer.Choosethecorrectoption.

1. Using a good ness offit,we can assess whether a set of obtained frequencies differ from a set of frequencies.
- Mean
 - Actual
 - Predicted
 - Expected

Ans-d)Expected

2. Chisquare is used to analyse
- Score
 - Rank
 - Frequencies
 - Allofthese

Ans-c)Frequencies

3. What is the mean of a ChiSquare distribution with 6 degrees of freedom?
- 4
 - 12
 - 6
 - 8

Ans-c)6

4. Which of these distributions is used for a goodness of fit testing?
- Normaldistribution
 - Chisquaredistribution
 - Gammadistribution
 - Poissiondistribution

Ans-b)Chisquared distribution

5. Which of the following distributions is Continuous
- BinomialDistribution
 - HypergeometricDistribution
 - FDistribution
 - PoissonDistribution

Ans—a)Binominal distribution

6. A statement made about a population for testing purpose is called?
- Statistic
 - Hypothesis
 - LevelofSignificance
 - TestStatistic

Ans-a)statistics

7. If the assumedypothesisistested for rejection considering it to be true is called?
- Null Hypothesis
 - Statistical Hypothesis
 - Simple Hypothesis
 - Composite Hypothesis

Ans-a)Null Hypothesis

8. If the Critical regioni sevenly distributed then the testis referred as?
- Two tailed
 - One tailed
 - Three tailed
 - 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

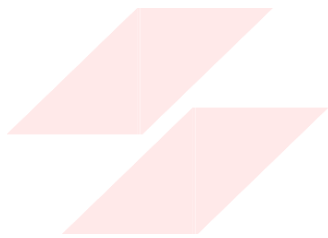
Ans-Research hypothesis

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



FLIP ROBO