

STATISTICS WORKSHEET-5-Answer

1	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) Chisquared distribution c) Gamma distribution d) Poission distribution
Ans	b) Chisquared 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
Ans	n*p