

Statistics Worksheet 5

Q1- Using a goodness of fit, we can assess whether a set of obtained frequencies differ from a set of frequencies

Answer-d) Expected

Q2- Chi-square is used to analyse

Answer-c) Frequencies

Q3- What is the mean of a Chi Square distribution with 6 degrees of freedom?

Answer-c) 6

Q4- Which of these distributions is used for a goodness of fit testing?

Answer- b) Chi-squared distribution

Q5- Which of the following distributions is Continuous

Answer- c) F Distribution

Q6- A statement made about a population for testing purpose is called?

Answer-b) Hypothesis

Q7- If the assumed hypothesis is tested for rejection considering it to be true is called?

Answer-a) Null Hypothesis

Q8- If the Critical region is evenly distributed then the test is referred as?

Answer- a) Two tailed

Q9- Alternative Hypothesis is also called as

Answer-b) Research Hypothesis

Q10- 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____

Answer-a) np