Statistics Assignment no 5

Q 1. Using a goodness of fit,we can assess whether a set of obtained frequencies differ from a set of frequencies

Ans: Expected (option-D)

Q 2. Chisquare is used to analyse?

Ans: Frequencies (option – C)

Q-3. What is the mean of a Chi Square distribution with 6 degrees of freedom?

Ans: 6 (option C)

Q 4. Which of these distributions is used for a goodness of fit testing?

Ans: Chisqared distribution (option B)

Q 5. Which of the following distributions is Continuous?

Ans: F Distribution (option C)

Q 6. A statement made about a population for testing purpose is called?

Ans: Hypothesis (option B)

Q-7. If the assumed hypothesis is tested for rejection considering it to be true is called?

Ans: Null Hypothesis (option A)

Q-8. If the Critical region is evenly distributed then the test is referred as?

Ans: Two tailed (option A)

Q-9. Alternative Hypothesis is also called as?

Ans: Research Hypothesis (option B)

Q-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: np (option A)