

Q1. Ans : **d)** Using a goodness of fit ,we can assess whether a set of obtained frequencies differ from a set of **Expected** frequencies .

Q2. Ans : **c)** Chi-square is used to analyse **Frequencies** .

Q3. Ans : **c)** **6** is the mean of a Chi Square distribution with 6 degrees of freedom .

Q4. Ans : **a)** **Normal distribution** is the distribution is used for a goodness of fit testing .

Q5. Ans : **c)** **F Distribution** is Continuous .

Q6. Ans : **b)** A statement made about a population for testing purpose is called **Hypothesis** .

Q7. Ans : **a)** If the assumed hypothesis is tested for rejection considering it to be true is called **Null Hypothesis** .

Q8. Ans : **a)** If the Critical region is evenly distributed then the test is referred as **Two tailed** test .

Q9. Ans : **b)** Alternative Hypothesis is also called as **Research Hypothesis** .

Q10. Ans : **a)** 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 **np** .

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