

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

- Answer: (d) Expected

2. Chi-square is used to analyze

- Answer: (c) Frequencies

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

- Answer: (c) 6

The mean of a Chi-Square distribution is equal to the degrees of freedom (df).

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

- Answer: (b) Chi-squared distribution

5. Which of the following distributions is Continuous:

- Answer: (c) F Distribution

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

- \*Answer: (b) Hypothesis

7. If the assumed hypothesis is tested for rejection considering it to be true, it is called:

- Answer: (a) Null Hypothesis

8. If the Critical region is evenly distributed, then the test is referred as:

- Answer: (a) Two tailed

9. Alternative Hypothesis is also called as:

- Answer: (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:

- Answer: (a) np