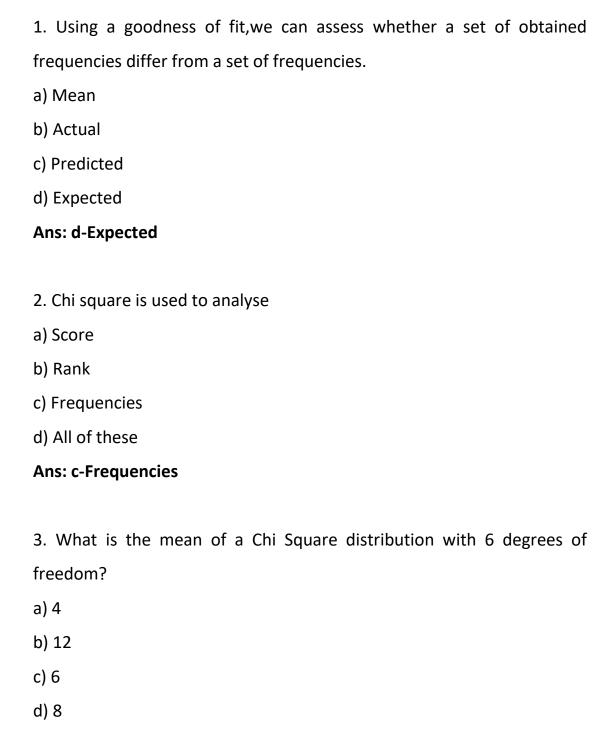
ASSIGNMENT-5

STATISTICS



Ans: c-6

- 4. Which of these distributions is used for a goodness of fit testing?
- a) Normal distribution
- b) Chi squared distribution
- c) Gamma distribution
- d) Poission distribution

Ans: b-Chi squared distribution

- 5. Which of the following distributions is Continuous
- a) Binomial Distribution
- b) Hyper geometric 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) Test Statistic

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

a) np

b) n

Ans: a-np