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

a) Mean

b) Actual

c) Predicted

Ans. d) Expected

2. Chisquare is used to analyse

a) Score

b) Rank

Ans. c) Frequencies

d) All of these

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

a) 4

b) 12

Ans. c) 6

d) 8

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

a) Normal distribution

Ans. b) Chisqared distribution

c) Gamma distribution

d) Poission distribution

5. Which of the following distributions is Continuous

a) Binomial Distribution

b) Hypergeometric Distribution

Ans . c) F Distribution

d) Poisson Distribution

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

a) Statistic

Ans . b) Hypothesis

c) Level of Significance. d) TestStatistic

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

Ans . a) Null Hypothesis

b) Statistical Hypothesis

c) Simple Hypothesis

d) Composite Hypothesis

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

Ans . a) Two tailed

b) One tailed

c) Three tailed

d) Zero tailed

9. Alternative Hypothesis is also called as?

a) Composite hypothesis

Ans . b) Research Hypothesis

c) Simple Hypothesis

d) Null Hypothesis

WORKSHEET

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 . a) np

B n