# STATISTICS WORKSHEET (Batch no. = DS2401)

Q1) 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

d) Expected

**Answer = d) Expected**

Q2) Chisquare is used to analyse

a) Score

b) Rank

c) Frequencies

d) All of these

**Answer = c) Frequencies**

Q3) What is the mean of a Chi Square distribution with 6 degrees of freedom?

a) 4

b) 12

c) 6

d) 8

**Answer = c) 6**

Q4) Which of these distributions is used for a goodness of fit testing?

a) Normal distribution

b) Chisqared distribution

c) Gamma distribution

d) Poission distribution

**Answer = b) Chisqared distribution**

Q5) Which of the following distributions is Continuous

a) Binomial Distribution

b) Hypergeometric Distribution

c) F Distribution

d) Poisson Distribution

**Answer = c) F Distribution**

Q6) A statement made about a population for testing purpose is called?

a) Statistic

b) Hypothesis

c) Level of Significance

d) TestStatistic

**Answer = b) Hypothesis**

Q7) 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

**Answer = a) Null Hypothesis**

Q8) 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

**Answer = a) Two tailed**

Q9) Alternative Hypothesis is also called as?

a) Composite hypothesis

b) Research Hypothesis

c) Simple Hypothesis

d) Null Hypothesis

**Answer = b) Research Hypothesis**

Q10) 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

**Answer = np___**