[Glossary]

[Quantitative Techniques for Management]

Subject: Business Economics

Course: B.A., 3rd Semester,

       Undergraduate

Paper No. & Title: Paper – 304

       Business Economics

Unit No. & Title: 1(one)

       Sampling and hypothesis Testing

Lecture No. & Title: 2:

       Hypothesis – Large Sample Test &
       Chi square Test

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Glossary:

Large sample: A sample with size 30 or more is generally considered as a large sample.

Tests for variables: (i) Test for single mean, (ii) Test for two means, (iii) Test for two standard deviations(or variances).
Tests for attributes:(i) Test for single proportion, (ii) Test for two proportions.
confidence interval: An interval developed by using the standard error of the test statistic which may include the value of parameter with a certain degree of confidence is called confidence interval.

degrees of freedom: The number of independent terms of a statistic is called degrees of freedom**.**

Chi square variate: A square of standard normal variate is called chi square variate with one degree of freedom.
Chi square distribution is used to test(i) a variance of the distribution, (ii) goodness of fit, (iii) independence of attributes