



PhD Coursework- January 2024 Batch

Research Methodology & Computer Application (CY-411)

(Common for Ph.D. Scholars)

Assignment-6: Testing of Hypothesis

- Q.1 What do you mean by hypothesis? Compare null and alternate hypothesis.
- Q.2 What is a hypothesis test? Why do we perform it?
- Q.3 Discuss different steps involved in hypothesis testing with examples.
- Q.4 Elaborate Type-I and Type-II errors in the hypothesis test.
- Q.5 Discuss various factors affecting hypothesis testing and necessary precautions during the hypothesis test.
- Q.6 Discuss various steps in test of significance.

Assignment-7: Introduction to MS Excel

Practice different functions and tools in MS Excel.

Assignment-8: Introduction to UGCInfonet, INFLIBNET & ERNET

- Q.1 Write descriptive note and give suitable examples wherever required:
- (i) UGCInfonet
 - (ii) INFLIBNET
 - (iii) ERNET
 - (iv) SCOPUS indexing
 - (v) WOS indexing
 - (vi) TR indexing
 - (vii) SCI indexing
 - (viii) Arts & Humanities citation index
 - (ix) Social Science Citation index

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