Total No. of Questions : 08

Ph.D.(Civil Engineering)
REASERACH METHODOLOGY
M.Code : 90211
Date of Examination : 13-08-22

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carry TWELVE marks.

1. Explain the methodology of good review for selecting research problem. Discuss various sources.

2. What is hypothesis? Explain the procedure for testing of hypothesis. Supplement it with the help of flow diagram. .

3. Describe with examples :
   a) Stratified random sampling
   b) Cluster sampling.

4. What are various statistical measures of central tendency? Explain briefly linear regression and time series analysis.

5. What are different types of report? Discuss the structure and components of scientific reports.

6. Describe test-retest reliability, alternative-forms reliability and internal consistency reliability with suitable examples.

7. What are intellectual property rights? Discuss the techniques of writing a patent.

8. Write short note on :
   a) Plagiarism tools
   b) Word processing tools.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.