

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 08

Ph.D Course Work
RESEARCH METHODOLOGY (CIVIL)
Subject Code : PHDCC-17001
M.Code : 78004

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT question.
2. Each question carries TWENTY marks.

1. a) What is the role of research in present day academics? Explain the significance and uses of Research. 15
b) Write a note on experimental research. 5
2. What is the need and methodology of Review of literature? How will you differentiate between review of literature and meta-analysis? 20
3. What are different types of data? Elaborate different scaling techniques. 20
4. Why is representative sample sine qua non for a good research? Elaborate different types of sampling distributions. 20
5. What are the various statistical methods for causal analysis? Explain linear regression with assumptions. 20
6. Explain various non parametric tests and their applicability. 20
7. When is it suitable to use ANOVA rather than t-test? What are the advantages of this test? 20
8. Highlight the Research Ethics and ethical issues specifically plagiarism. 20

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