

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 01

Total No. of Questions : 08

Ph.D in Faculty of Engineering (Electrical Engineering)

RESEARCH METHODOLOGY

M.Code : 77393

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

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

Q1) a) Discuss and differentiate between descriptive and analytical research.

b) List and describe the criteria for good research.

Q2) Discuss the significance of defining a research problem. What is the importance of literature review in defining and formulating research problems?

Q3) a) Explain the principles and features of a good research design.

b) Discuss the procedure involved in developing an ideal research plan.

Q4) Explain the steps involved in formulating a good sampling design. Also list the characteristics of an ideal sampling design.

Q5) List and explain the various scaling techniques.

Q6) Comment on the application of various statistical packages for analysis of data. Give examples in support of your answer.

Q7) Write notes on :

a) Protection of IPRs

b) Copyrights

Q8) Discuss the different types of interpretation techniques. Also discuss the steps involved in preparation of scientific reports.

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.