1059

M.E. Information Technology
Second Semester
MEIT-213: Research Methodology

Time allowed: 3 Hours   Max. Marks: 50

NOTE: *Attempt five questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.*

x-x-x

I. Attempt the following:-

   a) What is correlation analysis?

   b) What do you mean by editing of the secondary data?

   c) What are the characteristics of a good research report?

   d) State any two demerits of method of data collection through telephone interview.

   e) What is experimental research?   (5x2)

UNIT – I

II. a) Briefly explain how to conduct a literature review during a research.

   b) Differentiate between Exploratory and Descriptive research design.   (2x5)

III. a) What are the advantages and limitations of Probability Sampling Technique?

   b) What is meant by Secondary Sources of Data Collection? Explain in detail the scenarios where the interview method of data collection is best suited.   (3,7)

IV. a) Examine the merits and limitations of the observation method in collecting data. Illustrate your answer with suitable example.

   b) Explain the role and importance of research in managerial planning and decision making.   (2x5)

UNIT – II

V. Write a format of a good report indicating different parts and their positioning in the report.   (10)

VI. a) What is data preparation? What is the need of data preparation?

   b) Write notes on following Data Preparation concepts:

   i) Editing ii) Coding   (2x5)

P.T.O.

VII. a) List down the issues to be kept in mind while designing a questionnaire. Also write a note on different types of questionnaires.

b) What are the various components of a research proposal?   (7,3)

x-x-x