

Exam. Code: 1000

Sub. Code: 34992

2055

M.E. (Computer Science and Engineering)

Second Semester

CS-8202: Research Methodology

(Common with ME Comp. Sci Cyber Security CSN 8201)

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 Section.

x-x-x

1. Briefly discuss the following:

- (a) Research Survey
- (b) Secondary data
- (c) Research proposal
- (d) ArXive
- (e) Test of significance

(5x2)

Section A

- 2. "Research is concerned with proper fact finding, analysis and evaluation". Do you agree with this statement- Justify. Describe different types of research studies. (10)
- 3. Describe the process of identification of research problem. How is literature review done? What is the significance of literature review in research? (10)
- 4. What do you mean by sampling? How do you determine the sample size of a research study? Discuss the probability sampling technique stating its merits and demerits. (10)

Section B

- 5. Discuss the procedure of writing a good research proposal. (10)
- 6. What is the purpose of Minitab software? Discuss its use in the research study. (10)
- 7. Briefly describe the features of Mendeley. What is its significance in research? (10)

x-x-x