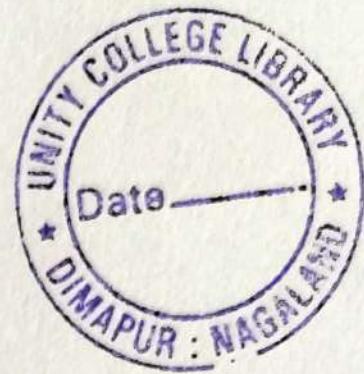


2025



EDUCATION

Course No. : MAEDU-404

(Research Methodology in Education)

Full Marks : 60

Time : 3 hours

*The questions are of equal value**The figures in the margin indicate full marks for the questions**Answer all questions within the given internal choice*

1. a) Write the meaning of educational research. Discuss the nature and scope of educational research. 2+5+5

Or

b) What is Scientific method? Explain the steps involved in scientific method. 2+10

2. a) Define Research Problem. Discuss the various types of Research Problems with suitable examples. 2+10

Or

b) Write the concept of Scale and Measurement. Explain the characteristics of measurement scales with statistical examples. 2+10

(Turn Over)

3. a) Explain Primary and Secondary data in Research. What are the factors involved in selecting the data? 6+6

Or

b) Define Type I and Type II errors. Differentiate between One-Tailed and Two-Tailed Tests. 2+2+8

4. a) What do you mean by 'Content Analysis'? Discuss the steps involved in content analysis. 2+10

Or

b) What is Quantitative Data analysis? Explain the procedures involved in quantitative data analysis. 4+8

5. Write notes on *any two* of the following: 6+6

- i) Concepts of Universe, Population and Sample
- ii) Levels of significance and effect size
- iii) Action Research
- iv) Variables

★ ★ ★