

**National Institute of Public Health Training & Research, Mumbai.**  
**Diploma in Health Promotion Education (Batch XXXVIII- 2024-25)**  
**First Semester Examination**

**PAPER III- RESEARCH METHODS, STATISTICS & DEMOGRAPHY**

**Date: 11/10 /2024**

**Time: 10.00am to 1.00 pm**

**Total Marks - 100**

**PART I (60 Marks)**

**Q1. Compulsory to attempt: (Each question carries 10 Marks)**

- A. Enumerate various qualitative methods of data collection. Describe Focus Group Discussion. (10 Marks)
- B. Describe sampling. Describe any two sampling methods in brief. (10 Marks)

**Q2. Attempt any two of the following: (Each question carries 10 Marks)**

- A. Define Demography. Describe briefly the stages of demographic cycle. (10 Marks)
- B. Discuss the different types of research design with an example. (10 Marks)
- C. Enumerate measures of central tendency. Describe in brief the methods of calculation and uses of mean, mode and median. (10 Marks)

**Q3. Attempt any two of the following: (Each question carries 10 Marks)**

- A. Describe various diagrammatic methods of presentation of data. (10 Marks)
- B. What is research report? Discuss the different steps involved in writing the scientific research report. (10Marks)
- C. Describe briefly the steps in conducting a Research study (10 Marks)

**PART-II (40 marks)**

**Write Short Notes on: (any 5) (8 Marks each)**

- a) Measures of mortality
- b) Questionnaire and interview schedule
- c) Difference between Rates and Ratios with example
- d) Factors affecting migration
- e) Types of data with examples
- f) Give the formula for followings Rates
  - i.CBR ii. CDR iii. IMR iv. GFR
- g) Techniques of data collection
- h) Informed consent

\*\*\*\*\*