Government of India

National Institute of Public Health Training and Research, Mumbai

Post Graduate Diploma in Community Health Care (Batch XII- 2021-22)
<u>Second Semester – Final Examination</u>

<u>Paper V: Demography, Population dynamics, Health Care Management, Bio Statistics & Research Methods, HMIS & Health Economics</u>

Date: 22/03/2022   **Time: 11.00am to 2.00 pm**   **Total Marks – 100**

Part-I   **(60 Marks)**

Q. 1. Compulsory to attempt.

(A) Define Demography. Describe the various sources of Demographic data.   (10 Marks)
(B) What is Sampling? Describe any two Sampling methods briefly.   (10 Marks)

Q. 2. Attempt any Two.

(A) Discuss various managerial issues in health care delivery services in India. (10 Marks)

(B) Describe the different ways of diagrammatic presentation of data along with suitable diagrams.   (10 Marks)
(C) What are the different types of interviews? What are the various steps you will keep in mind while conducting an interview.   (10 Marks)

Q. 3. Attempt any Two.

(A) What is HMIS? Write the various uses of HMIS.   (10 Marks)

(B) Write differences between   i) Qualitative and Quantitative data

                                  ii) Rates & Ratio   (10 Marks)

(C) Define Mean, Median and Mode. Calculate Mean, Median for following data

   12, 15, 14, 16, 20, 15, 16, 18, 22, 15, 10, 9, 26, 23, 21   (10 Marks)

PART- II   **(40 Marks)**

Q. 4. Write short Notes on: (Any five) (8 Marks each)

   a) Social Mobility

   b) Age Pyramid

   c) Tips for Record Keeping

   d) Pretesting

   e) Supportive Supervision

   f) Inventory Management

   g) KAP study

   h) Principle of record maintenance