

Government of India
National Institute of Public Health Training and Research, Mumbai
Post Graduate Diploma in Community Health Care (Batch XI- 2020-21)
Second Semester Examination

**Paper V: Demography, Population dynamics, Health Care Management, Bio Statistics
& Research Methods, HMIS & Health Economics**

Date: 07/04/2021

Time: 11.00am to 2.00 pm

Total Marks – 100

Part-I

(60 Marks)

Q. 1. Compulsory to attempt.

- (A) Enumerate types of data. Describe the different ways of Diagrammatic presentation of data with diagrams. (10 Marks)
- (B) Define Demography. What are the factors affecting demographic and population process? (10 Marks)

Q. 2. Attempt any Two.

- (A) What is Sampling, Classify sampling techniques. Write in short about Systematic Sampling. (10 Marks)
- (B) What is HMIS? Describe various uses of HMIS? (10 Marks)
- (C) What are the various sources of Health related Data? Describe briefly about Primary Data. (10 Marks)

Q. 3. Attempt any Two.

- (A) What are the various Measures of Central tendency? Calculate average age for following data.

Age	20	21	22	23	24	25	26	27	28
No. of Students	15	10	5	8	9	14	7	11	2

(10 Marks)

- (B) Discuss the various Principles of Management. (10 Marks)
- (C) Define Budget. Write various types of Budgets and advantages of Budget. (10 Marks)

PART- II

40 Marks

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

- a. Outline of Report Writing
- b. Conflict Management
- c. Tips for good record keeping
- d. Interviews Techniques
- e. Supportive supervision
- f. Write any four differences between a manager and leader.
- g. Define: 1) Crude Birth Rate 2) Crude Death Rate 3) Infant Mortality Rate
4) Under 5 mortality rate
- h. Measures of Mortality