

GOVERNMENT OF INDIA  
NATIONAL INSTITUTE OF PUBLIC HEALTH TRAINING AND RESEARCH, MUMBAI  
**POST GRADUATE DIPLOMA IN COMMUNITY HEALTH CARE**  
BATCH XIII (2022-23)

**FIRST SEMESTER FINAL EXAMINATION**

**PAPER I: BASIC HEALTH SCIENCES**

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Date: 07.10.2022

Total Marks: 100

Time: 10.00 am -1.00 pm

**PART I**

**60 marks**

**Q.1. Compulsory** (Each question 10 marks)

- A. What is Reproduction? Draw a neat labeled diagram of the female reproductive system. Describe the function of the uterus and its appendages.
- B. List various Arthropod-borne diseases. Describe the life cycle of the mosquito with a suitable neat labeled diagram.

**Q.2 Answer any two** of the following (Each question 10 marks)

- A. Describe in detail the Excretory system with a neat labeled diagram.
- B. Define Sterilization and Disinfection. Describe any three commonly used methods of Sterilization in a hospital setting.
- C. Define Epidemiology. Describe time, place, and person distribution of the disease.

**Q.3 Answer any two** of the following (Each question 10 marks)

- A. What is the mission Indra-Dhanush? Describe in detail about National Immunization Schedule.
- B. Describe the Dynamics of disease transmission.
- C. What are the different routes of Drug administration and write in brief about any 4 routes?

**PART II**

**40 marks**

**Q.4 Short note (Answer any five)** (Each question 08 marks)

- a. Adverse Events Following Immunizations
- b. Universal precautions
- c. Functions of skin
- d. Thyroid gland
- e. Oral Rehydration Solutions
- f. Antipyretics
- g. Uses of epidemiology
- h. Blood pressure