

Government of India  
**NATIONAL INSTITUTE OF PUBLIC HEALTH TRAINING & RESEARCH, MUMBAI**  
Post-Graduate Diploma in Community Health Care- Batch XIV (2023-24)

**First Semester final examination**

**[Paper I- Basic Health Sciences]**

Date: 22-9-2023

Time: 10.00 am – 1.00 pm

Total Marks: 100

**PART – I**

**60 marks**

**Q.1. Compulsory**

(10 marks each)

- A. Enumerate the arthropods causing disease and diseases caused by them..
- B. Draw a neat labelled diagram of female reproductive system, describe the functions of each organ.

**Q.2. Answer in any two of the following**

(10 marks each)

- A. Describe dynamics of disease transmission
- B. Describe the life cycle of mosquito with neat labelled diagram
- C. Explain the different route of drug administration and its importance.

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

- A. Enumerate the parts of respiratory system with neat labelled diagram and add a note on Asthma.
- B. What is the mission Indra-Dhanush? Describe in detail about National Immunization Schedule.
- C. Describe the descriptive epidemiology-time, place and person distribution in terms of diseases.

**PART II**

**Marks 40**

**Q.4. Write short notes on any five of the following. (08 marks each)**

- 1. Family planning measures
- 2. Adrenal Gland
- 3. Pandemic management
- 4. Functions of skin
- 5. Oral Rehydration Solutions
- 6. Cold chain maintenance at PHC level
- 7. Measures of Mortality
- 8. Adverse Events Following Immunizations

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**[PAPER II- SOCIAL AND BEHAVIOUR SCIENCES]**

Date: 25-9-2023

Time: 10.00 am – 1.00 pm

Total Marks: 100

**PART - I**

**Q-1 Compulsory to attempt (Each question carries 10 Marks) (60 Marks)**

- A. How do cultural beliefs and norms impact an individual's willingness to adopt and maintain healthy behaviours? Provide examples of how different cultures might perceive and approach health differently.
- B. Discuss the principles of community organization and mobilizing community resources with community participation.

**Q-2. Attempt any two of the following: (Each question carries 10 Marks)**

- A. What are the key principles of effective communication, and how do they apply to healthcare settings?
- B. Write the relationship between Advocacy, Communication & Social mobilization.
- C. Enlist the various social issues in India, describe any two social problems with suitable examples.

**Q-3. Attempt any two of the following (Each question is of 10 Marks)**

- A. Explain the various Mass Communication strategies.
- B. Explain the process of group functioning, Community mobilization
- C. Define the Health Promotion. Enlist the different approaches of Health Promotion Education and write in detail Focus group discussion with suitable example?

**(40 marks)**

**PART - II**

**Q-4. Write Short Notes on (any 5)**

**(8 Marks each)**

1. Qualities of Health Educator
2. Communication planning - Five essential steps of 'C' model
3. Social Media
4. Qualities of good counsellor
5. Socio - ecological Model
6. What is the difference between BCC, SBCC and IEC approach
7. Social stratification
8. Belief and attitude



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[Paper III- Water sanitation and hygiene (WASH), applied nutrition and community-based nursing care]

Date: 27-9-2023

Time: 10.00 am – 1.00 pm

Total Marks: 100

**PART – I**

**Q.1. Compulsory**

**60 marks**

(10 marks each)

- A. Discuss the care required for pregnant mother and various complications during pregnancy
- B. Define WASH. Discuss the measures to improve sanitary standards at CHC during the pandemic.

**Q. 2. Answer in any two of the following**

(10 marks each)

- A. Define biomedical waste . Describe biomedical waste management in detail.
- B. . Discuss ABCD approach of Nutritional assessment.
- C. Describe sources and health hazards of water pollution. Discuss water treatment plant.

**Q. 3. Answer any two of the following.**

(10 marks each)

- A. Explain solid waste management process and methods of disposal of waste in rural area
- B. Discuss the effect of animal keeping on the human being and the environment and measures to maintaining animal health.
- C. Explain food adulteration and role of FSSAI in maintaining quality of food.

**PART II**

**Marks 40**

**Q. 4. Write short notes on any five of the following. (08 marks each)**

1. Draw disaster management cycle and list the activities in preparedness phase.
2. Write the First aid for convulsion
3. List micronutrients and its deficiency disorders
4. Explain the sanitation of congregated places during fairs and festival
5. Swimming pool sanitation
6. ICDS
7. Balanced diet
8. Explain the concept of triage in management of mass casualties