

Government of India
National Institute of Public Health Training and Research, Panvel Campus.

Post Graduate Diploma in Community Health Care (PGDCHC Batch XV-2024-25)

First Semester Exam- (FINAL)

PAPER I- Basic Health sciences

Date: 07/10/2024

Time: 10:00 am to 1:00 pm

Total: 100 Marks

PART -I

60 Marks

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

- A. Describe the life cycle of mosquito with neat labeled diagram. (10 marks)
- B. Describe dynamics of diseases transmission. (10 Marks)

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

- A. Define Sterilization and Disinfection. Describe one method of Sterilization and Disinfection each. (10 Marks)
- B. What is Biomedical waste? Describe the biomedical waste safety precautions in context to any Disease. (10 Marks)
- C. Enumerate the parts of respiratory system with neat labeled diagram and add a note on Asthma. (10 Marks)

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

- A. Define Immunity and describe the different types of immunity and its importance in prevention of diseases (10 Marks)
- B. Describe the descriptive epidemiology in relation to time, place, and person distribution in terms of diseases. (10 Marks)
- C. Enumerate, draw, and label parts of female reproductive system and add a note on Uterus. (10 Marks)

PART-II

40 marks

Q.4 Write Short Notes on: (any 5)

(8 Marks each)

1. Effects of air pollution on health
2. Insecticides and pesticides - its uses and importance
3. Cold chain maintenance at PHC level
4. Family planning measures
5. Epidemic management
6. Functions of skin
7. Measures of mortality among under five
8. Monkey Pox