

National Institute of Public Health & Training & Research, Mumbai.

Post Graduate Diploma in Community Health Care (Batch XII - 2021-22)

First Semester

Paper I – Basic Health Sciences

Date: 08/11/2021

Time: 11.00 am to 2.00 pm

Total Marks - 100

Part-I

(60 Marks)

Q. 1. Compulsory Questions to attempt.

- (A) Enumerate the parts of digestive system with neat labelled diagram and describe the functions of Stomach. (10 Marks)
- (B) Describe dynamics of disease transmission. (10 Marks)

Q. 2. Attempt any Two Questions.

- (A) Describe the life cycle of mosquito with neat labelled diagram. (10 Marks)
- (B) Describe different types of Immunity with examples and its importance. (10 Marks)
- (C) Describe the descriptive epidemiology stating time, place and person distribution in terms of diseases. (10 Marks)

Q. 3. Attempt any Two Questions.

- (A) Enumerate, draw and label parts of female reproductive system and describe the functions of Uterus. (10 Marks)
- (B) What is Biomedical waste? Describe the biomedical waste safety precautions in context to COVID-19 pandemic. (10 Marks)
- (C) Enlist various routes of drug administration, describe any one in detail with suitable example. (10 Marks)

Part – II

(40 Marks)

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

(8×5 = 40)

- a. Uses of Microscope
- b. Insecticides and pesticides - its uses and importance
- c. Cold chain maintenance at PHC level
- d. Universal precautions
- e. Family Planning Methods
- f. National Immunization Schedule
- g. Measures of mortality among under five
- h. Adrenal gland