

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

Post Graduate Diploma in Community Health Care (Batch XI - 2020-21)

**First Semester – Mock Examination**

**Paper I – Basic Health Sciences**

**Date: 01/12/2020**

**Time: 02.00 pm to 5.00 pm**

**Total Marks - 100**

**Part-I**

**(60 Marks)**

**Q. 1. Compulsory to attempt.**

- (A) Draw a neat labelled diagram of Digestive system, list the organs of digestive system and describe the functions of liver. (10 Marks)
- (B) Define Vector. Enlist Vector borne diseases. Describe the life cycle of the mosquito with the help of diagram. (10 Marks)

**Q. 2. Attempt any Two.**

- (A) Define immunity. What are the different types of vaccines and their importance in disease prevention? (10 Marks)
- (B) Define Sterilization and Disinfection. Describe any one commonly used method of sterilization in hospital set-up. (10 Marks)
- (C) What is Ovulation? Describe the phases of Menstruation along with hormonal changes. (10 Marks)

**Q. 3. Attempt any Two.**

- (A) Define cold chain. Describe the cold chain instruments used at different levels. (10 Marks)
- (B) Define epidemiology. Describe time, place and person distribution of disease. (10 Marks)
- (C) What is biomedical waste? Describe the biomedical waste safety precautions to be observed in COVID-19 pandemic. (10 Marks)

**Part – II**

**(40 Marks)**

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

- Measures of morbidity and mortality
- Functions of kidney
- Universal precautions in COVID-19 pandemic
- Disease prevention and control
- Preparation of oral rehydration solution, its use and importance
- Difference between viruses and bacteria
- Functions of ear
- Various Routes of Drugs Administration