

NATIONAL INSTITUTE OF PUBLIC HEALTH TRAINING AND RESEARCH, MUMBAI
Post Graduate Diploma in Hospital Management (PGDHM) Batch: 2023-24
First Semester Examination – Final Exam

PAPER–I

BASIC HEALTH SCIENCES & EPIDEMIOLOGY

Date: 15/11/2023

Total Marks: 100

Time: 02:00 PM to 05:00 PM (03 Hours)

Credit: 5.0

Section: A) Basic Health Sciences

Credit: 2.0 / Marks: 40

Q: 1) Descriptive Question (Attempt any one) **10 Marks**

- a) Define Sterilization and Disinfection. Describe any three commonly used methods of Sterilization in a hospital setting.
- b) Describe anatomy of renal system with neat labelled diagram

Q: 2) Write in Brief (Attempt any three) **15 Marks**

- a) Thyroid function tests
- b) Endoscopy
- c) Importance of PPE
- d) Steps of pharmacokinetic process
- e) White Blood Cells

Q: 3) Short Notes (Attempt any three) **15 Marks**

- a) Routes of Drug administration
- b) Infection control committee
- c) Narcotic drugs
- d) Functions of Liver
- e) CT scan and its uses

Q: 1) Descriptive Question (Attempt any three) 30 Marks

- a) Define Epidemiology. Describe the time, place, and person distribution of the disease
- b) Describe various risk factors for Hypertension. Describe in detail about prevention and care of Hypertension.
- c) Define endemic, epidemic/ outbreak, Pandemic. Describe in detail about roles and responsibilities of hospitals in an epidemic outbreak
- d) Define occupational health hazards and describe methods of its prevention
- e) Describe the epidemiology and prevention of Dengue fever and discuss about various control measures for vector borne diseases.

Q: 2) Write in Brief (Attempt any three) 15 Marks

- a) Randomized Control Trial
- b) Prevention and control of Diphtheria
- c) Environmental Factors in Cancer Causation
- d) Types of Surveillance
- e) Malaria Surveillance

Q: 3) Short Notes (Attempt any three) 15 Marks

- a) Screening for breast cancer and cervical cancer
- b) Primordial prevention
- c) Investigation of an Epidemic
- d) Uses of Epidemiology
- e) AEFI

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