

Government of India
National Institute of Public Health Training & Research, Mumbai.
Sanitary Health Inspector (Batch VIII- 2024-25)
First Semester – Final Examination

Paper II - General & Disease Specific Epidemiology, National Health Programs, Disaster Management & Emergency Care and Demography & Vital Statistics

Date: 04/12/2024

Time: 2.00 pm to 04.00 pm

Total Marks - 60

Section A

Q.1. Multiple Choice Questions. (All Ten questions are compulsory). 1×10 = 10 marks

1. What is the primary mode of transmission for Hepatitis A?
 - a. Blood transfusion
 - b. Sexual contact
 - c. Feco-oral route
 - d. Vertical transmission
2. Diseases that spread from one person to another are called _____.
 - a. Communicable diseases
 - b. Degenerative diseases
 - c. Non-communicable diseases
 - d. None of the above
3. Which of the following diseases is an example of non-communicable diseases?
 - a. Cancer
 - b. Diabetes,
 - c. Hypertension
 - d. All the above
4. Which of the following is a major risk factor for cardiovascular disease?
 - a. Smoking
 - b. Hypertension
 - c. Diabetes
 - d. All of the above
5. Sub-Centre in a hilly area is established on the basis of one sub-Centre for every _____ population
 - a. 1000
 - b. 2000
 - c. 3000
 - d. 5000.
6. What does the 'A' stand for in the acronym ABC?
 - a. Accident
 - b. Airway
 - c. Ambulance
 - d. Alert
7. Birth rate is
 - a. Live birth / 1000 mid-year population
 - b. Birth / 1000 mid-year population
 - c. Live birth / 10000 mid-year population
 - d. Live birth / 10000 population of reproductive age group (15-45)

8. Which disease is not covered under NVBDCP?
 - a. Malaria
 - b. Dengue
 - c. Chikungunya
 - d. Amoebiasis
9. The most common type of cancer amongst females in India is
 - a. Cervical cancer
 - b. Breast cancer
 - c. Ovarian cancer
 - d. Colonic cancer
10. Which of the following is the nodal centre for disaster management
 - a. PHC
 - b. CHC
 - c. Police Control Room
 - d. District

Q. 2. Write Three Differences of each - (Attempt any Three)

3×3=9 marks

- a. Water borne transmission and Vector borne transmission
- b. Incidence and Prevalence
- c. Endemic and epidemic
- d. Descriptive and analytical studies
- e. Malaria and dengue vector

Q. 3. Write short notes - (Attempt any Four)

4×4=16 marks

- a. Preventive measures for Typhoid Fever.
- b. Domestic Accidents
- c. Body Mass Index
- d. Epidemiological triad
- e. Modes of transmission of Communicable diseases
- f. Triage

Section B

Q. 4. Answer in one or two sentence. (Attempt any five)

2×5=10 marks

- a. Define Incubation period.
- b. Name the colour code system used in Triage.
- c. What are the modifiable risk factors for Diabetes.
- d. Which is the mosquito species responsible for transmitting dengue?
- e. What is Crude Death Rate?
- f. Define Health.
- g. What is Population Pyramid?

Q. 5. Discuss - (Attempt any Three)

5×3=15 marks

- a. Risk factors and Preventive measures of Cancer.
- b. Discuss about the Levels of prevention with examples.
- c. Describe epidemiology of Hypertension. Discuss in detail about prevention of Hypertension with special reference to diet.
- d. Define Disaster Management. Describe the important phases of disaster cycle.
- e. You are on field work where you find a person lying unconscious with snake bite marks. How will you manage this emergency?
