

Government of India
National Institute of Public Health Training & Research, Mumbai.
Sanitary Health Inspector (Batch III- 2019-20)
First Semester – Mock Examination

Paper I - Concept of Public Health, Basic Health Sciences, Immunity & Biostatistics

Date: 25/11/2019

Time: 11.00 am to 1.00 pm

Total Marks - 60

Q.1. Multiple choice questions. (All questions are compulsory).

10 Marks

1. As per registration of Birth & Death Act, Registration of Birth & Death is -
 - a) Voluntary
 - b) Compulsory
 - c) Not Required
 - d) As per Need
2. Natural source of Vitamin D -
 - a) Cereals
 - b) Carrot
 - c) Sunlight
 - d) Pulses
3. Vital statistics is mainly concerned with -
 - a) Birth
 - b) Deaths
 - c) Marriages
 - d) All of the above
4. Immunity acquired after an infection -
 - a) Active Immunity
 - b) Passive Immunity
 - c) Innate Immunity
 - d) Both B & C
5. Under MTP act 1973 abortion is legal at which gestational age?
 - a) Upto 24 weeks
 - b) Upto 20 weeks
 - c) Upto 26 weeks
 - d) Upto 30 weeks
6. Insulin is produced in this gland?
 - a) Liver
 - b) Pancreas
 - c) Gall bladder
 - d) Spleen
7. "O" blood group is a universal donor because the blood has no antigen?
 - a) Antigen A
 - b) Antigen B
 - c) Both antigen A & B
 - d) No antigen

8. Which vaccine is advocated during pregnancy?
a) Injection Tetanus Toxoid
b) MMR
c) Measles
d) Hepatitis B
9. What was the key recommendation by Bhore committee for the type of Health care?
a) Comprehensive Health care
b) Basic Health care
c) Primary Health care
d) All of the above
10. A simple table represents -
a) Only one factor or variable
b) Always two factors or variable
c) Two or more numbers of factors or variable
d) All of the above.

Q.2. Answer the following. (Attempt any Five)

10 Marks

1. Define Health.
2. Name the different measures of Central Tendency & Dispersion?
3. Enumerate the functions of the Bones?
4. Formula for Crude Death Rate.
5. Define VVM, Its stages and importance?
6. List the principles of First Aid?
7. Define Tissues. List the four types of tissues found in the body.

Q.3. Write any three differences between - (Attempt any three)

9 Marks

1. Ethics and Laws
2. Gall Bladder & Urinary Bladder
3. Bacteria And Virus
4. Morbidity & Mortality

Q.4. Write Short Notes (Attempt any Four)

16 Marks

1. A country with population of 6,000,000, Birth Rate of 25 and Death Rate of 20. What would be the birth and deaths annually?
2. Role of Sanitary Health Inspector in Municipal corporation
3. Various components of Personal Hygiene
4. Uses of a microscope
5. Spectrum of Health
6. Functions of Liver

15 Marks

Q. 5. Write in Brief - (Attempt any Three)

1. Enumerate the National Immunization Schedule.
2. Explain the different types of sampling methods.
3. Explain the process of Respiration.
4. Discuss different types of Diagrammatic representation of Data?
5. Ethical issues in Health.