

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

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

Date: 06/12/2019

Time: 11.00 am to 1.00 pm

Total Marks - 60

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

10 Marks

1. Natural source of Vitamin D -

- a) Cereals
- b) Carrot
- c) Sunlight
- d) Pulses

2. Vital statistics is mainly concerned with -

- a) Birth
- b) Deaths
- c) Marriages
- d) All of the above

3. 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

4. Insulin is produced in this gland?

- a) Liver
- b) Pancreas
- c) Gall bladder
- d) Spleen

5. "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

6. Which vaccine is administered during pregnancy?

- a) Injection Tetanus Toxoid
- b) MMR
- c) Measles
- d) Hepatitis B

7. 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.

8. Gastroenteritis is the inflammation of _____

- a) Brain
- b) Lungs
- c) Blood
- d) Stomach and intestines.

9. Which vaccine is given intra-dermally?

- a) Polio
- b) Measles
- c) BCG
- d) TT
- e) MMR

10. Osteoporosis is a disease of _____

- a) Intestine
- b) Heart
- c) Muscle
- d) Brain
- e) Bones

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

10 Marks

1. Define Health.
2. Name the different measures of Central Tendency & Dispersion.
3. Formula for Crude Death Rate.
4. Which vaccines are given at birth?
5. What is normal temperature of a body?
6. In which part of body Femur bone is situated?
7. Name common blood groups.

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

9 Marks

1. Gall Bladder & Urinary Bladder
2. Bacteria and Virus
3. Artery and vein
4. Voluntary and Involuntary muscle

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 Industries.
3. Uses of a microscope
4. Spectrum of Health
5. Functions of Liver
6. Benefits of exercise

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

15 Marks

1. Enumerate the National Immunization Schedule.
2. Explain the different types of sampling methods.
3. Ethical issues in Health.
4. Name and describe in brief parts of Digestive system with diagram.
5. Mention different Sources of Health & Vital Statistics.