

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

**Sanitary Health Inspector (Batch IV- 2020-21)**  
**First Semester Examination**

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

Date: 19/01/2021

Time: 02.00 pm to 04.00 pm

Total Marks - 60

**Q.1. Multiple Choice Questions. (All Ten questions are compulsory).**

**1×10 = 10 marks**

1. As per registration of Birth & Death Act 1948, Registration of Birth & Death is -
  - a) Voluntary
  - b) Compulsory
  - c) Not Required
  - d) As per Need
2. Glands of the Endocrine system -
  - a) Thyroid gland
  - b) Liver
  - c) Spleen
  - d) All of the above
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 recent gestational age?
  - a) Upto 24 weeks
  - b) Upto 20 weeks
  - c) Upto 26weeks
  - d) Upto 30weeks
6. Which vaccine is advocated during pregnancy?
  - a) Inj. 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. Which vaccine is given subcutaneously?

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

9. Nephritis is inflammation of -

- a) Brain
- b) Stomach
- c) Eye
- d) Kidney

10. Osteoporosis is a disease of -

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

**Q. 2. Answer in one or two sentences. - (Any five)**

**2×5=10 marks**

- a) Define Health.
- b) Name the different measures of Central Tendency & Dispersion.
- c) Name the fruit which contains abundant Vitamin C?
- d) What are the factors of epidemiological triad?
- e) For which disease VDRL test is carried out?
- f) Which vaccines are stored in deep freezers?
- g) Which disease is known as father of Public Health?

**Q. 3. Write three Difference of each - (Any Three)**

**3×3=9 marks**

- a) Small intestine & large intestine
- b) Round worm and Hook worm
- c) Red blood cells and White blood cells
- d) Quarantine and Isolation

**Q. 4. Write short notes - (Any Three)**

**5×3=15 marks**

- a) A country with population of 8,000,000, Birth Rate of 25 and Death Rate of 20.  
What would be the birth and deaths annually?
- b) Role of Sanitary Health Inspector in Municipal Corporation.
- c) Various sources of Data.
- d) Hand washing technique.
- e) The cell.

**Q. 5. Write in brief - (Any Two)**

**8×2=16 marks**

- a) Enumerate the National Immunization Schedule.
- b) Explain the different types of sampling methods.
- c) Classification of joints.
- d) State the steps for eliminating the source of disease.

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