

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

Sanitary Health Inspector (Batch VI- 2022-23)
First Semester – Mock Examination

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

Date: 29/11/2022

Time: 11.00 am to 01.00 pm

Total Marks - 60

Section A

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

1. Which of the following immunoglobulins makes the largest percentage in breast milk?
 - a) IgM
 - b) IgD
 - c) IgG
 - d) IgA
2. A Circle divided into sectors proportional to the frequency of items shown is called -
 - a) Bar chart
 - b) Pie chart
 - c) Histogram
 - d) Frequency polygon
3. A structural component that is found in all viruses is:
 - a) The envelope
 - b) DNA
 - c) Capsid
 - d) Capsid
 - e) Spikes
4. The Mode of following data is: 14, 11, 12, 13, 12, 12, 12
 - a) 13
 - b) 11
 - c) 12
 - d) 14
5. Which of the following is the vestigial bony part of the human skeleton?
 - a) Cranium
 - b) Coccyx
 - c) Cervical
 - d) Clavicle
6. Leprosy is caused by -
 - a) Protozoan parasite
 - b) Virus
 - c) Bacteria
 - d) Worm
7. Which intervention measure is best for prevention & control of dengue, Chikungunya & Zika?
 - a) Regular Insecticidal Fogging
 - b) Mosquito breeding source reduction
 - c) Indoor Residual Spray with DDT/Malathion/Synthetic Pyrethroids
 - d) Beating of Drums

8. Water disinfection is done by -
 - a) Chlorination
 - b) Boiling
 - c) Ultra Violet rays treatment
 - d) All of the above
9. National Nutrition week is observed every year from -
 - a) 1st to 7th April
 - b) 1st to 7th August
 - c) 1st to 7th September
 - d) 1st to 7th November
10. Disease is caused by virus -
 - a) Dengue
 - b) Chikungunya
 - c) Zika
 - d) All of the above

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

3×3=9 marks

- a) Small intestine & large intestine
- b) Quarantine and Isolation
- c) Bacteria and Virus
- d) Artery and Vein

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

4×4=16 marks

- a) Menstrual hygiene
- b) Infant mortality Rate
- c) Special characteristics of health communications
- d) Factors influencing health and hygiene
- e) Coronary circulation
- f) Cold chain maintenance

Section B

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

2×5=10 marks

- a) Which bacteria is known as Koch's bacilli?
- b) What is VVM?
- c) Which are the Vaccines to be given at birth for a neonate?
- d) Parts of human excretory system -
- e) Define immunity and enumerate its types.
- f) Enumerate the microorganisms for Public Health importance.

Q. 5. Discuss - (Attempt any Three)

5×3=15 marks

- a) Enumerate the National Immunization Schedule.
- b) Barriers in Communication and how to overcome them.
- c) Write in detail about Healthcare delivery system in India.
- d) Discuss the applications of statistics in relation to Public Health.
- e) Discuss the ethics in Health care system.
- f) Discuss the care of special sensory organs.