

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

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

Date: 27/11/2019
Time: 11.00 am to 1.00 pm
Total Marks - 60

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

10 marks

1. Which of the following is a type of Experimental Study?
 - a) Case-control
 - b) Randomized Control Trial
 - c) Cohort
 - d) Cross-Sectional
2. What is the first step for Epidemiological / Out break investigation?
 - a) Formulation of Hypothesis
 - b) Data Analysis
 - c) Verification of diagnosis
 - d) Defining the Population at risk
3. In severe dehydration which IV fluid is recommended for IV infusion?
 - a) Ringer Lactate
 - b) DNS
 - c) Normal Saline
 - d) Dextrose 5%
4. Measles is mainly transmitted by –
 - a) Droplet infection
 - b) Blood transfusion
 - c) Mosquito bite
 - d) Contaminated water
5. Dengue is transmitted by –
 - a) Female anopheles
 - b) Culex
 - c) Aedes
 - d) Mansonia
6. Plague is transmitted by –
 - a) Louse
 - b) Mosquito
 - c) Rat flea
 - d) Tick
7. What is the normal range of Body Mass Index (BMI)?
 - a) 10.50 - 18.50
 - b) 35.00 - 39.99
 - c) 18.50 - 24.99
 - d) 25.00 - 29.99

8. Population growth slow only when –

- a) Birth rate is slow
- b) Death rate is high
- c) Birth & Death rates are high
- d) Birth & Death rates are low

9. What should you do to help someone who is choking?

- a) Help them to drink some water to dislodge the object.
- b) Hit them firmly on their back between shoulder blades.
- c) Encourage them to breathe through their nose.
- d) Person is advised to lie down on flat surface.

10. The five dose regimen of Intramuscular vaccine for post exposure prophylaxis of Rabies given on days –

- a) 0, 2, 4, 6, 8
- b) 0, 3, 7, 14, 28
- c) 0, 7, 14, 21, 28
- d) 0, 4, 6, 8, 16

Q. 2. Answer the following - (Any five)

10 marks

- 1. Name the three components of Epidemiological Triad.
- 2. Colour code system used for Triage.
- 3. Name the parasites causing Malaria.
- 4. Cardinal features of Rheumatic Heart Disease.
- 5. Define Incubation period.
- 6. Modes of transmission for Hepatitis B.
- 7. What is the meaning of Primary Tumor?

Q. 3. Difference between - (Any Three)

9 marks

- 1. Incidence & Prevalence
- 2. Case Control & Cohort Study
- 3. Primary Prevention & Secondary Prevention
- 4. Type I & Type II Diabetes

Q. 4. Write short notes - (Any four)

16 marks

- 1. Domestic Accidents
- 2. Disaster Cycle
- 3. Primary prevention of Cancers
- 4. Age Pyramid
- 5. First aid measure for Burns

Q. 5. Write in brief - (Any three)

15 marks

- 1. Clinical features & Preventive measures of Malaria.
- 2. Dynamics of disease transmission
- 3. Risk factors & Preventive measures of Hypertension
- 4. M.T.P. Act
- 5. Role of Health Worker
