

**PAPER CODE: MB2019124**  
**KALOJI NARAYANA RAO UNIVERSITY OF**  
**HEALTH SCIENCES**  
**TELANGANA STATE, WARANGAL – 506 002**  
**FINAL MBBS PART-I DEGREE**  
**EXAMINATIONS: NOVEMBER, 2025**  
**COMMUNITY MEDICINE**  
**PAPER-I**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

**Multiple Choice Questions:**

**10 X 1 = 10**

1) What should be the corrected effective temperature for considering the environment to be comfortable and cool

- a)  $<20^{\circ}\text{C}$
- b)  $20-25^{\circ}\text{C}$
- c)  $25-27^{\circ}\text{C}$
- d)  $27 - 28^{\circ}\text{C}$

2) The air velocity is measured by an instrument called

- a) Hygrometer
  - b) Psychrometer
  - c) Kata thermometer
  - d) Anemometer
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3) The depth of water seal in a sanitary latrine is

- a) 2 cm
- b) 3 cm
- c) 4 cm
- d) 5 cm

4) The sewage is said to be strong if BOD (Biochemical Oxygen Demand) is more than

- a) 100mg/L
- b) 200mg/L
- c) 300mg/L
- d) 400mg/L

5) The doors and windows combined should have the floor area.

- a) 6/5th
- b) 2/5th
- c) 3/5th
- d) 4/5th

6) Flight range for Aedes mosquito is

- a) Less than 10 metres
- b) Less than 100 metres
- c) 500 metres
- d) 11 Km

7) Chrysanthemum cinerariaefolium is an insecticide that is obtained from flowers of

- a) Propoxur
- b) Malathion
- c) Pyrethrum

- d) Paris green
- 8) Organophosphorous insecticides are all except
- Diazinon
  - Parathion
  - Chlorpyrifos
  - DDT
- 9) Egg contains all the fat soluble and water soluble vitamins in appreciable amounts except
- Vitamin B1
  - Vitamin C
  - Vitamin A
  - Vitamin B complex
- 10) Salt intake should be reduced to an average of not more than gms per day.
- 2 gms/day
  - 3gms/day
  - 5 gms/ day
  - 7.5 gms/ day

### **Essay/Long Answer Questions:**

**2 X 15 = 30**

- 11) Tuberculosis- epidemiology problem statement, newer treatment schedules.
- 12) Describe the progression of Ocular Disorders due to Vitamin A Deficiency. List the methods to prevent Vitamin A Deficiency.

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### **Short Answer Questions:**

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$$7 \times 6 = 42$$

- 13) Koch's Postulates.
- 14) Growth monitoring in children.
- 15) Describe five characteristics of a good indicator of Health. What is Human Development Index?
- 16) Describe a Standard Normal Curve.
- 17) Role of a family in Health and Disease.
- 18) Methods of a household purification of water.
- 19) John snow.

### **Very Short Answer Questions:**

$$6 \times 3 = 18$$

- 20) Sickness Absenteeism.
- 21) Eradication, elimination.
- 22) Net Protein Utilization.
- 23) Three indications for use of Immunoglobulins in disease prevention.
- 24) Management of sharps as a Health care waste product.
- 25) Three environmental problems due to Urbanization.

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