

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES**TELANGANA STATE, WARANGAL – 506 002****MBBS FINAL YEAR PART-I DEGREE SUPPLEMENTARY EXAMINATIONS: APRIL 2026****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. The analytical study where population is the unit of study is:
 - a) Cross-sectional study
 - b) Ecological study
 - c) Randomized control trial
 - d) Cohort study
2. Randomization is useful to eliminate
 - a) Observer bias
 - b) Berksonian bias
 - c) Selection bias
 - d) Recall bias
3. Which is not an explanation for cyclic trend disease
 - a) Herd immunity variations
 - b) Environmental conditions
 - c) Build-up of susceptibles
 - d) Antigenic variations
4. Which of the following study types is also known as prevalence study?
 - a) Longitudinal study
 - b) Cross-sectional study
 - c) Double-blind study
 - d) Case-control study
5. Which of the following is a method to deal with selection bias
 - a) Precise operation definition of variables
 - b) Detailed measurement protocols
 - c) Training data collectors
 - d) Apply same eligibility criteria across groups
6. Odds ratio of more than one indicates
 - a) Odds of exposure among cases is higher than the odds of exposure among controls
 - b) Exposure is negatively associated with the disease
 - c) Odds of exposure among cases is equal to the odds of exposure among controls
 - d) Odds of exposure among cases is lower than the odds of exposure among controls
7. Herd immunity is not important in:
 - a) Polio
 - b) Diphtheria
 - c) Measles
 - d) Tetanus
8. Virulence of a disease is indicated by
 - a) Proportional mortality rate
 - b) Specific mortality rate
 - c) Case fatality rate
 - d) Crude death rate
9. All of the following interventions fall under primary prevention, except:
 - a) Health education
 - b) Covid vaccination
 - c) Hearing aid
 - d) Smoking cessation program
10. Relative risk is a
 - a) Rate
 - b) Ratio
 - c) Proportion
 - d) None of the above

Essay/ Long Answer Questions:**2 X 15 = 30**

11. Define the terms Endemic, Epidemic and pandemic. Outline the objectives and steps involved in the investigations of an Epidemic.
12. Write about Nutritional status assessment?

Short Answer Questions:**7 X 6 = 42**

13. Enumerate the Solid Waste Disposal methods and discuss any one in detail.
14. Vaccination for International Travellers.
15. Green House effect.
16. Write in brief about Lathyrism.
17. Types of Screening.
18. Milk borne diseases.
19. Morbidity indicators of Health.

Very Short Answer Questions:**6 X 3 = 18**

20. COVID vaccines.
21. International Classification of Diseases (ICD-10).
22. Sentinel surveillance.
23. Methods of household purification of water.
24. Health promotion and specific protection.
25. Solid waste disposal methods.
