

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002**

MPH FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2024

EPIDEMIOLOGY

Time: 3 Hours

Max Marks: 70

Note: Answer all questions

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 10 = 20

1. Explain in detail the natural history of disease and levels of prevention for Tuberculosis.
2. Explain various modes of disease transmission with examples.

Write short note on the following:

6 X 5 = 30

3. Brief note on ethics in research.
4. Uses of Epidemiology
5. What is Epidemic. Explain in brief about types of Epidemics with diagrams.
6. Cold Chain
7. Gold standard screening tests
8. What is 95% percent confidence Interval.

Write briefly on the following:

10 X 2 = 20

9. Sentinel surveillance.
10. Are all Infectious diseases communicable. Comment.
11. Stratified Sampling.
12. Berksonian Bias.
13. Ratio and proportion with an example.
14. Latent infection – examples.
15. Misclassification Bias with example.
16. Active surveillance.
17. Primary prevention strategies for preventing the spread of diarrhoeal disease.
18. Elimination and Eradication.
