

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH, 2026

MICROBIOLOGY

PAPER-III

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Enumerate aetiology of Viral Haemorrhagic Fever. Write in brief about Kyasanur Forest Disease with reference to epidemiology, laboratory diagnosis and prevention.
2. Mycotoxins.
3. Fasciolopsiasis.
4. Non culture methods for Fungal Diagnosis.
5. Malaria vaccines.
6. Importance and methods for identification of Yeasts isolated in culture from samples received in the laboratory.
7. List the newer emerging viruses. Discuss the epidemiology of Zika virus in India – pathogenesis, laboratory diagnosis and prevention.
8. Visceral Leishmaniasis: epidemiology in India, life cycle, pathogenesis and laboratory diagnosis. Add a note on vaccines.
9. Classify Enteroviruses. Discuss Coxsackie Viruses.
10. Cytomegalovirus: epidemiology, pathogenesis and laboratory diagnosis.
