

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
B.Sc. (MLT) FINAL YEAR DEGREE EXAMINATIONS: FEBRUARY 2026
MICROBIOLOGY-II

Time: 3 Hours

Max Marks: 80

Note: Give Diagrammatic representation wherever necessary

Write an essay on any TWO of the following:

2 X 10 = 20

1. Define HIV and give a note on pathogenesis and lab diagnosis.
2. Write in detail about life cycle of malaria, symptoms and lab diagnosis.
3. Write about superficial Mycoses and discuss the Dermatophytes.

Write a short note on any SIX of the following:

6 X 5 = 30

4. Pathogenesis of Influenza virus.
5. ELISA.
6. Explain about LCB stain.
7. Black water fever.
8. Bacillary dysentery.
9. Hepatitis A virus.
10. Morphology of yeast.
11. Name four bile stained eggs.

Write briefly on the following:

10 X 3 = 30

12. Define Mycology.
13. Lab diagnosis of Cytomegalo virus.
14. Amastigote stage of Leishmania donovani.
15. Structure of Giardia Lamblia.
16. Mode of transmission of HIV.
17. Septicaemia.
18. Enterobius vermiculrais cyst.
19. Wet moulds preparation of Grams Iodine.
20. Structure of Hepatitis D virus.
21. Paul bunnell test.
