

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

B.Sc. (Allied Health Sciences), FIRST YEAR DEGREE EXAMINATIONS: FEBRUARY 2026

MICROBIOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Write in detail about Pathogenesis, Laboratory diagnosis of Enteric fever.
2. Classify Hypersensitivity reactions and write in detail about Anaphylaxis.
3. Write about laboratory diagnosis and prophylaxis of Polio.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Rabert Koch.
5. Write about clinical features and Laboratory diagnosis of Dengue.
6. Complications of malignant tertian malaria caused by plasmodium falciparum.
7. Write about laboratory diagnosis of Rabies.
8. Candidiasis.
9. Write in detail about Ziehl—Neilsen stain method (AFB stain)

Write briefly on the following:

10 X 3 = 30

10. What is Zoonosis, Give three examples for parasitic zoonotic diseases.
11. Write about pasteurization.
12. Name 3 DNA viruses.
13. Name 3 Capsulated Bacteria.
14. List out Diarrhoea causing Escherichia coli.
15. Enrichment Media
16. Name three non-bile-stained eggs.
17. Aspergilloma (Fungus ball).
18. LPCB mount.
19. Name three motile bacteria and three non-motile bacteria.
