

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

**B.Sc. (Allied Health Sciences), FIRST YEAR DEGREE SUPPLEMENTARY
EXAMINATIONS: NOVEMBER, 2024**

MICROBIOLOGY

(Common for all B.Sc. (Allied Health Sciences) courses)

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

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. Define Sterilization. Write in detail about Hot air oven.
2. Enumerate the differences between Exotoxins and Endotoxins of Bacteria.
3. Write in detail about lab diagnosis of Cholera.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. What are the various types of vaccines? Give examples.
5. Candidiasis.
6. Lab diagnosis of syphilis.
7. Draw a diagram of antibody molecule.
8. What are the different types of Agglutination tests?
9. Grams staining.

Write briefly on the following:

10 X 3 = 30

10. Different species of plasmodium.
11. Name few fungi causing systemic Mycoses.
12. Name any three parasites producing bile-stained eggs.
13. Name three infections caused by Staphylococcus.
14. Name three laboratory tests used for diagnosis of HIV.
15. Selective media for Mycobacterium tuberculosis.
16. What are the different arrangements of Flagella?
17. Urease test.
18. Enumerate the diseases spread through blood.
19. Name any three disinfectants used in hospitals.
