

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

POST BASIC B.Sc. NURSING FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: MAY, 2025

MICROBIOLOGY

Time: 3 Hours

Max Marks: 75

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark

Color pencil

Write an essay on any TWO of the following:

2 X 15 = 30

1. Describe the morphology, life cycle and laboratory diagnosis of Entamoeba Histolytica.
2. Classify Streptococci. Describe the pathogenicity and laboratory diagnosis of Streptococci Pyogenes.
3. Define and classify Immunity. Describe Innate Immunity in detail.

Write short note on any FIVE of the following:

5 X 5 = 25

4. Autoclave.
5. Hepatitis B Virus.
6. Elisa and its uses.
7. Gram Staining- principles and procedure.
8. Differences between Bacteria and Viruses.
9. Bacterial Spore Structure and functions.
10. Ascaris Lumbricoides- life cycle, clinical features and laboratory Diagnosis.

Write briefly on the following:

10 X 2 = 20

11. Write any two Dermatophytes.
12. Name any two Bacterial Filters.
13. Name two DNA Viruses.
14. Draw a neat labeled diagram of Viruses.
15. What are Antibodies?
16. Name any two Tapeworms.
17. Define Hypersensitivity.
18. Define Chemotherapy.
19. Name any two Transport Media.
20. Mention any two Zoonotic Bacterial Diseases.