

2010 Scheme

Q.P. CODE: 103010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
February 2025**

Microbiology

Time: 3 Hrs

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays:

(2x10=20)

1. Discuss the clinical features and lab diagnosis of infections due to Staphylococcus aureus. A note on MRSA (Methicillin Resistant Staphylococcus Aureus). Describe the infection control measures to prevent the spread of MRSA infection in the hospital.
(2+3+2+3)
2. Enumerate the different species of malarial parasites. Describe the life cycle, clinical features, lab diagnosis and complications of Plasmodium falciparum malaria
(2+2+2+2+2)

Short notes:

(7x5=35)

3. Lab diagnosis of Pulmonary tuberculosis
4. Delayed hypersensitivity
5. Segregation of Biomedical waste
6. Anaerobic culture methods
7. CSSD
8. Post exposure prophylaxis of Rabies
9. Cryptococcosis

Answer briefly:

(10x2=20)

10. Japanese encephalitis
11. Pasteurization
12. Gaseous disinfectants
13. Negri body
14. Koch's postulates
15. Innate immunity
16. Types of diarrheagenic E.coli
17. Name four zoonotic diseases
18. Hydatid cyst
19. Blood spill management
