

2010 Scheme

Q.P. CODE: 103010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
October 2023**

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. Define and classify hypersensitivity. Describe type I hypersensitivity in detail. (1+2+7)
2. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis. Add a note on BCG vaccine. (4+4+2)

Short notes: (7x5=35)

3. Hot air oven.
4. Pathogenesis of tetanus.
5. Candidiasis.
6. Microfilaria.
7. Laboratory diagnosis of enteric fever.
8. Laboratory diagnosis of hepatitis B.
9. Standard precautions.

Answer briefly: (10x2=20)

10. DPT vaccine.
11. List types of disease carriers with example.
12. Enumerate four sporicidal disinfectants.
13. Name four bacteria causing food poisoning.
14. Define agglutination reaction with two examples.
15. RPR – Rapid Plasma Reagin test for syphilis.
16. List four complications of plasmodium falciparum.
17. Name four diarrhea genic Escherichia coli.
18. Draw labelled diagram of H1N1 Virus
19. NIH swab.
