

**First Year Post Basic B.Sc Nursing Regular/Supplementary
Examinations November 2023**

Microbiology

(2016 Scheme)

Time: 3 Hours

Total 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*

Long Essay: (12)

1. Define and classify sterilization. Discuss about Chemical methods of sterilization (2+4+6)

Short Essays: (2x7=14)

2. Define infection and classify different types of infections. Discuss in detail about hospital acquired infections. (1+2+4)
3. Contribution of Louis Pasteur and Robert Koch. (4+3)

Write short notes on: (5x5=25)

4. Hospital infection control committee.
5. Biomedical waste management.
6. Laboratory diagnosis of enteric fever.
7. Laboratory diagnosis of cryptococcus meningitis.
8. Hookworm infections.

Answer briefly: (4x4=16)

9. Innate immunity.
10. Name two bile stained and two non-bile stained ova in parasitology
11. Immunoprophylaxis for tetanus
12. Describe the samples collected for Covid – 19 diagnosis. What are the precautions to be taken - mention the preventive measures.

Differentiate between (2x4=8)

13. Bacillary dysentery and Amoebic dysentery
14. Streptococcus pneumonia and Streptococcus viridans
