

## 2010 Scheme

**Q.P. CODE: 103010**

**Reg. No: .....**

**First Year B.Sc Nursing Degree Supplementary Examinations  
October 2024**

### **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 sterilization. Enumerate the methods of moist heat sterilization. Describe the principle, working and uses of autoclave. A note on sterilization control. (1+2+6+1)
2. List the viruses causing Hepatitis. Describe in detail the pathogenesis, lab diagnosis and prophylaxis of Hepatitis B infection. (2+2+3+3)

**Short notes: (7x5=35)**

3. Standard precautions
4. Lab diagnosis of Enteric fever
5. Neurocysticercosis
6. Type I Hypersensitivity
7. Pathogenesis and clinical features of Cholera
8. Safe injection practices
9. Candidiasis

**Answer briefly: (10x2=20)**

10. Lab diagnosis of Leptospirosis
11. Bacillary dysentery
12. Mucormycosis
13. Giardiasis
14. Negative staining
15. Catheter associated UTI
16. NIH swab
17. Clostridioides difficile
18. Name four agents causing Subcutaneous mycoses
19. Hot air oven.

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