

Q.P. CODE: 113010

Reg. No:

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

(2016 Scheme)

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*

Essay: (12)

1. Discuss the pathogenesis, clinical stages and laboratory diagnosis of HIV infection (4+6+2)

Short essays: (2x7=14)

2. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis (2+5)
3. Name the fungi causing opportunistic fungal infections. Describe the pathogenesis and laboratory diagnosis of any one of them (2+5)

Short notes: (5x5=25)

4. Define infection. Explain the modes of transmission of infection
5. Describe the laboratory diagnosis of syphilis
6. Acquired immunity
7. Briefly discuss about Enteric fever
8. National Immunization programme

Answer briefly: (3x4=12)

9. Contribution of Louis Pasteur in Microbiology
10. Standard Precautions
11. Clinical manifestations and laboratory diagnosis of intestinal amoebiasis

Differentiate between: (3x4=12)

12. Live vaccines and Killed vaccines
13. Exotoxins and Endotoxin
14. Sterilisation and Disinfection
