



**Q.P. CODE: 113010**

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

**First Year B.Sc Nursing Degree Regular/Supplementary Examinations  
October 2019  
Microbiology**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essay: (12)**

1. Define Health care associated infections. Describe the various routes of transmission, prevention and control of health care associated infections. Enumerate the role of nurse in hospital infection control (2+7+3)

**Short essays: (2x7=14)**

2. Describe the clinical features and laboratory diagnosis of intestinal amoebiasis. (2+5)
3. Describe the morphology, modes of transmission and laboratory diagnosis of HIV/AIDS. (1+2+4)

**Short notes: (5x5=25)**

4. National immunization schedule
5. Microfilaria
6. ELISA
7. Candidiasis
8. Laboratory diagnosis of urinary tract infection

**Answer briefly: (3x4=12)**

9. Post exposure prophylaxis of rabies
10. Gonorrhoea
11. Dengue Fever

**Differentiate between: (3x4=12)**

12. Gram positive and gram negative cell wall
13. Immediate and delayed type of hypersensitivity
14. Exotoxins and endotoxins

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