

2010 Scheme

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Supplementary Examinations October 2019

Microbiology

Time: 3 Hours

Total Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Essay: **(2x10=20)**

1. Discuss the morphology. Modes of transmission and laboratory diagnosis of HIV. Add a note on prevention. **(2+2+4+2)**
2. Draw a neat labelled diagram of bacterial cell. Discuss in detail bacterial cell wall. Add a note on acid fast staining. **(2+5+3)**

Short notes: **(8x5=40)**

3. Filtration
4. Precipitation test
5. Autoclave.
6. Rubella
7. Laboratory diagnosis of diphtheria
8. Sexually transmitted diseases
9. Acquired immunity
10. Dengue

Answer briefly: **(5x3=15)**

11. List three species of plasmodium
12. Mantoux test
13. Name Three Enrichment media
14. Name three disease that spread through parenteral transmission
15. Entamoeba histolytica
