

# **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

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