

QP CODE: 111011

Reg. No:.....

**First Year Post Basic B.Sc Nursing Supplementary Examinations
April 2019**

Microbiology

(2016 Scheme)

Time: 3 Hours

Total Marks: 75

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

Long Essay: (12)

1. Define sterilization. Classify sterilization and write principle and uses of autoclave.

(2+5+5)

Short Essays: (2x7=14)

2. Describe the modes of transmission and laboratory diagnosis of Human Immunodeficiency Virus (HIV).

(2+5)

3. Describe the life cycle and laboratory diagnosis of amoebic dysentery.

(4+3)

Write short notes on: (5x5=25)

4. Enriched media
5. Ziehl-Neelsen staining
6. Biomedical waste management
7. Microfilaria
8. National immunization schedule

Answer briefly: (4x4=16)

9. Measles virus
10. Toxic shock syndrome
11. Laboratory diagnosis of enteric fever
12. Candida albicans

Differentiate between (2x4=8)

13. Active immunity and passive immunity
14. Oral Polio Vaccine (OPV) and Injectable Polio Vaccine (IPV)
