

QP CODE: 108011

Reg. No:.....

**First Year Post Basic B.Sc Nursing Supplementary Examinations
October 2017**

MICROBIOLOGY

(2010 Scheme)

Time: 3 Hours

Total Marks: 75

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

Essay:

(2x10=20)

1. Describe the morphology, hosts, life cycle and lab diagnosis of echinococcus granulosus. (1+2+4+3=10)
2. Describe the morphology, modes of transmission, pathogenesis and lab. Diagnosis of human immunodeficiency virus (HIV). (1+2+3+4=10)

Short notes:

(8x5=40)

3. Pathogenesis of vibrio cholera
4. Dermatophytes
5. Delayed hypersensitivity
6. Lab. diagnosis of food poisoning
7. Biomedical waste management
8. Streptococcus pyogenes
9. Cultivation of viruses
10. Typhus fevers

Answer briefly:

(5x3=15)

11. ELISA
12. Cold sterilization
13. Bacterial spore
14. Rabies vaccines
15. Satellitism
