

QP CODE: 108011

Reg. No:.....

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

**Microbiology  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 75**

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

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

1. List the causative agents for enteric fever. Discuss the morphology, modes of transmission and laboratory diagnosis. Add a note on prevention of enteric fever. (1+1+1+4+3)
2. Define immunity. Classify immunity with examples. Discuss innate immunity in detail. (2+3+5)

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

3. Autoclave
4. ELISA
5. Candidiasis
6. Gram stain
7. Flagella
8. Laboratory diagnosis of pulmonary tuberculosis
9. Immuno-prophylaxis of poliomyelitis
10. Briefly discuss the role of a nurse in hospital infection control.

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

11. List three nematodes
12. List three causative agents for food poisoning
13. Name three selective media
14. Name three vector borne diseases
15. Chemical disinfectants.

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