

**QP CODE: 108011**

**Reg. No:.....**

First Year Post Basic B.Sc Nursing Supplementary Examinations- April 2015

**MICROBIOLOGY**

**Time: 3 Hours**

**Total Marks: 75**

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

**Essay :**

**(2x10=20)**

1. Define sterilization. Classify sterilization with examples. Explain in detail about autoclave. (1+3+6 = 10)
2. Describe the morphology, life cycle, clinical features and laboratory diagnosis of entamoeba histolytica (2+3+2+3=10)

**Short notes :**

**(8x5=40)**

3. Acquired immunity
4. Pathogenesis and clinical features of mycobacterium tuberculosis
5. Ig A
6. Cryptococcus
7. Bacterial growth curve
8. Coagulase test.
9. Polio virus
10. ELISA

**Answer briefly :**

**(5x3=15)**

11. Koch postulates
12. Classify dermatophytes
13. Selective media
14. Draw a neat labeled diagram of HIV
15. Louis Pasteur

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