

**QP CODE: 108011**

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

First Post Basic B.Sc Nursing Degree Examinations-October 2012

**MICROBIOLOGY**

**Time: 3 Hours .**

**Total Marks: 75**

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

**Essay:**

**(2x10=20)**

1. Define sterilization. Classify the methods. Explain autoclaving in detail  
(1+2+7=10)
2. Explain the morphology, life cycle, pathogenicity and lab diagnosis of entamoeba histolytica.  
(3+3+2+2=10)

**Short notes :**

**(8x5=40)**

3. Bacterial spores
4. Gram's stain
5. Nosocomial infections
6. Dermatophytes
7. Lab diagnosis of pulmonary tuberculosis
8. Anaphylaxis
9. ELISA
10. Prophylaxis of rabies

**Answer briefly :**

**(5x3=15)**

11. Three contributions of Louis Pasteur
12. Gaseous disinfectants
13. Malignant pustule
14. Viral inclusion bodies
15. Biological vectors

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