

**Q.P. CODE: 103010**

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

**First Year B.Sc Nursing Degree Examinations, November 2015**

**Microbiology**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2×10=20)**

1. Describe the source of infection, mode of transmission, pathogenesis and laboratory diagnosis of pulmonary tuberculosis (1+1+4+4=10)
2. Define and classify hypersensitivity. Explain the type I hypersensitivity in detail (1 + 2 + 7 =10)

**Short notes:**

**(7×5=35)**

3. Urinary tract infection
4. ELISA
5. Hot – air oven
6. Life cycle of plasmodium vivax
7. Nosocomial infections
8. Candidiasis
9. Prophylaxis of rabies

**Answer briefly:**

**(10×2=20)**

10. DPT vaccine
11. Name four contributions of Louis Pasteur
12. Name four gram negative bacilli
13. Name two anaerobic bacteria and two anaerobic culture methods
14. Name four universal precaution methods
15. Gaseous disinfectants
16. Trichomonas vaginalis
17. Name four zoonotic diseases
18. Name four intestinal nematodes
19. Methicillin resistant staphylococcus aureus

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