

**Q.P. CODE: 103010**

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

**First Year B.Sc Nursing Degree Examinations, October 2014**

**Microbiology**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2×10=20)**

1. Name the organism causing tetanus. Describe in detail about the pathogenesis, laboratory diagnosis and prophylaxis of tetanus. (1+3+3+3=10)
2. Describe the life cycle and clinical features of plasmodium falciparum. Add a short note on laboratory diagnosis of malaria. (5+2+3=10)

**Short notes:**

**(7×5=35)**

3. Chemical disinfectants
4. National immunization schedule
5. Laboratory diagnosis of cholera
6. Dengue fever
7. Giardiasis
8. Leptospirosis
9. Hand hygiene

**Answer briefly:**

**(10×2=20)**

10. Enriched medium
11. Louis Pasteur
12. Prophylaxis of diphtheria
13. Name four moist heat methods of sterilization
14. Herd immunity
15. Rubella
16. Name four infections spread through respiratory route
17. Name the definitive and intermediate hosts of *taenia saginata*
18. Cryptococcosis
19. Anthrax

\*\*\*\*\*