

**Q.P. CODE: 103010**

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

**First Year B.Sc Nursing Degree Supplementary Examinations  
November 2017**

**Microbiology**

**(2010 Scheme)**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2x10=20)**

1. Describe the pathogenesis, laboratory diagnosis and prophylaxis of tetanus. (3+3+4)
2. Enumerate the arbo-viral infections in India. Discuss the pathogenesis, complications, laboratory diagnosis and prophylaxis of dengue fever. (2+2+2+2+2)

**Short notes:**

**(7x5=35)**

3. Modes of transmission of infection.
4. Dry heat methods of sterilization.
5. Biomedical waste management.
6. Type IV hypersensitivity reaction
7. Serological markers in hepatitis B
8. Entamoeba histolytica.
9. Cryptococcosis.

**Answer briefly:**

**(10x2=20)**

10. Fumigation
11. Drugs acting on the cell wall of bacteria.
12. Laboratory diagnosis of gonorrhoea.
13. Erythrocytic schizogony of Plasmodium falciparum.
14. Pulse polio immunization.
15. BCG vaccine.
16. Tinea solium
17. Laboratory diagnosis of leptospirosis
18. Transport medium
19. Tinea versicolor.

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