

**Q.P. CODE: 103010**

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

**First Year B.Sc Nursing Degree Supplementary Examinations  
October 2018**

**Microbiology**

**(2010 Scheme)**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2x10=20)**

1. Name the causative agent of tetanus. Describe the pathogenesis, clinical features and prophylaxis of tetanus. (1+3+2+4)
2. Describe the structure, mode of infection, pathogenesis, clinical features and lab diagnosis of human immunodeficiency virus. (2+1+2+1+4)

**Short notes:**

**(7x5=35)**

3. ELISA test
4. Giardiasis
5. Hot air oven
6. Superficial mycoses
7. Immuno-prophylaxis of poliomyelitis
8. Leptospirosis
9. Lab diagnosis of meningitis

**Answer briefly:**

**(10x2=20)**

10. Gram staining
11. Bacterial spore
12. Hand hygiene
13. Cold sterilization
14. MMR vaccine
15. IgG antibody
16. Larva migrans
17. Germ tube test
18. Airborne precaution
19. Negri bodies

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