

**Q.P. CODE: 103010**

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

**First Year B.Sc Nursing Degree Supplementary Examinations  
April 2019**

**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 diphtheria. (3+4+3)
2. Name the methods of transmission of HIV. Describe the pathogenesis, laboratory diagnosis and prophylaxis of HIV infection. (2+2+4+2)

**Short notes:**

**(7x5=35)**

3. Autoclave
4. Hospital infection control committee.
5. Type I hypersensitivity reaction.
6. Laboratory diagnosis of cholera.
7. Standard tests for syphilis.
8. Candidiasis.
9. Life cycle of wuchereria bancrofti.

**Answer briefly:**

**(10x2=20)**

10. Carriers.
11. Bacterial exotoxins.
12. Gram staining
13. Trichomonas vaginalis
14. Eggs of round worms.
15. Streptococcal infections
16. Japanese encephalitis.
17. Mantoux test.
18. Live viral vaccines
19. Passive immunity.

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