

**Q.P. CODE: 113010**

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

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

**Microbiology**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essay: (12)**

1. Define biomedical waste and name the different types of hospital wastes. Discuss in detail the methods of disposal of hospital waste with special reference to biomedical waste. (2+1+6+3)

**Short essays: (2x7=14)**

2. Describe the clinical features and laboratory diagnosis of enteric fever (2+5)
3. Describe the clinical features and laboratory diagnosis of falciparum malaria (2+5)

**Short notes: (5x5=25)**

4. Hot air oven
5. Swine flu
6. Candida albicans
7. Methicillin resistant staphylococcus aureus
8. Describe the principle and application of agglutination

**Answer briefly: (3x4=12)**

9. Congenital syphilis
10. Dermatophytes
11. Prophylaxis of diphtheria

**Differentiate between: (3x4=12)**

12. Sterilisation and disinfection
13. Active and passive immunity
14. Oral and injectable polio vaccines (OPV and IPV)

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