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Q.P. CODE: 103010 **Reg. No: .....**

First Year B.Sc Nursing Degree Supplementary Examinations June 2017

Microbiology

Time: 3 Hrs **Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays: **(2x10=20)**

1. Define and classify hypersensitivity reactions. Describe the mechanism and presentations of type I hypersensitivity reaction in detail. (1+2+7)
2. Name the causative agent of cholera. Describe the pathogenesis, clinical features, laboratory diagnosis and prophylaxis of cholera. (1+3+1+3+2)

Short notes: **(7x5=35)**

3. Lab diagnosis of pulmonary tuberculosis
4. Morphology and lab diagnosis of neisseria gonorrhoeae
5. National immunization programme
6. Dermatophytes
7. Life cycle of echinococcus granulosus
8. Autoclave
9. Bacillary dysentery

Answer briefly: **(10x2=20)**

10. Negative staining
11. Bacterial flagella
12. Safe injection practices
13. Selective medium
14. DPT vaccine
15. T cells
16. Name the definitive and intermediate hosts of filarial worm.
17. Dimorphic fungi
18. Contact precaution
19. Swine flu

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