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

First Year B.Sc Nursing Degree Supplementary Examinations, July 2014

Microbiology

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

- Answer all questions
- Draw diagram wherever necessary

Essays: **(2×10=20)**

1. Define hospital acquired infections (HAI). Describe the various sources, routes of transmission and common types of HAI. Add a note on standard precaution. (1+2+2+2+3 =10)
2. Name the causative agent of polio. Describe briefly the route of transmission, clinical features, lab diagnosis and prophylaxis of polio. (1+1+2+3+3 =10)

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

3. Hot air oven
4. Delayed hypersensitivity
5. Pneumococcal pneumonia
6. Measles
7. Amoebiasis
8. Microfilaria
9. Candidiasis

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

10. Koch's postulates
11. Tyndallisation
12. Toxic shock syndrome
13. Non-gonococcal urethritis
14. Herpes zoster
15. Name four vector born infections
16. Trichomonas vaginalis
17. Name four intestinal nematodes
18. Specimen collection in meningitis
19. Name four bacterial vaccines

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