

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Supplementary Examinations-May 2014

MICROBIOLOGY

Time: 3 Hours

Total Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Essay :

(2x10=20)

1. Define sterilization and enumerate various moist heat methods of sterilization. Describe the principle and working of an autoclave and the sterilization controls used. What are the articles that can be sterilized in an autoclave.(2+2+4+2 =10)
2. Discuss in detail about the transmission and pathogenesis of polio. What are the clinical features. Mention the available polio vaccines. List the schedule for immunization. (3+2+3+2 =10)

Short notes :

(8x5=40)

3. Passive immunity
4. Toxins of staphylococci
5. Acute gastroenteritis
6. Lab diagnosis of enteric fever
7. Hepatitis A virus
8. Barrier nursing
9. Entamoeba histolytica
10. Candidiasis

Answer briefly :

(5x3=15)

11. Joseph Lister
12. Standard precautions
13. Enriched media with examples
14. Cold sterilization
15. Negri bodies
