



Q P Code:1310

Reg. No:.....

First Year BSc Nursing Degree Examination - August 2011

MICROBIOLOGY

Time: 3 Hours

Maximum Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

Long essay

(2x10=20)

1. Define Sterilization. Classify the various methods of sterilization. Discuss in detail methods of moist heat sterilization (1+2+7=10)
2. List the hepatitis viruses. Explain the structure, pathogenicity, lab diagnosis and prophylaxis of hepatitis B virus (2+1+4+2+1=10)

Write short notes on:

(7x5=35)

3. Lab diagnosis of syphilis
4. Life cycle of ascaris lumbricoides
5. Passive immunity
6. Bacterial toxins
7. Antibiotic sensitivity testing
8. Bacillary dysentery
9. Prophylaxis of tetanus

Write briefly on:

(10x2=20)

10. IgA
11. T-lymphocytes
12. Malignant pustule
13. Name four zoonotic infections
14. Trophozoite of entamoeba histolytica
15. Name four viral vaccines
16. Name the arbo-viruses prevalent in India
17. Common modes of transmission of HIV
18. Define infection and mention two sources of infection
19. Dermatophytes

