

Q.P. CODE: 103010

Reg. No:

First Year B.Sc Nursing Degree Examinations, October 2013

Microbiology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Define and classify sterilization. Explain the principle, functions and uses of autoclave.
(1+2+1+4+2=10)
2. Describe the morphology, routes of infection, laboratory diagnosis and prophylaxis of hepatitis B virus.
(1+2+4+3=10)

Short notes:

(7×5=35)

3. Morphology and pathogenesis of HIV
4. Role of nurses in hospital infection control committee
5. Nosocomial infection
6. Cryptococcosis
7. Prophylaxis of tetanus
8. Type I hypersensitivity reaction
9. National immunization schedule

Answer briefly:

(10×2=20)

10. Passive immunity
11. Name two anaerobic culture methods
12. Toxic shock syndrome
13. Bacterial flagella.
14. Transport media
15. Morphology of *neisseria meningitidis*
16. Name four bacteria causing food poisoning
17. Dermatophytes
18. Enumerate any four zoonotic infections
19. Enumerate any four arbo-viral diseases prevalent in India.
