



Q.P. CODE: 103010

Reg. No:

First Year B.Sc Nursing Degree Examinations, October 2016

Microbiology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Classify mycobacteria. Describe in detail the pathogenesis, laboratory diagnosis and prophylaxis of tuberculosis (2+3+3+2 = 10)
2. List out the viruses causing hepatitis. Describe in detail the pathogenesis, laboratory diagnosis and prophylaxis of hepatitis B (2+3+3+2 = 10)

Short notes:

(7×5=35)

3. Autoclave
4. Anaphylaxis
5. Laboratory diagnosis of enteric fever
6. Prophylaxis of poliomyelitis
7. Dermatophytes
8. Laboratory diagnosis of malaria
9. Life cycle of hookworm

Answer briefly:

(10×2=20)

10. Pasteurization
11. Selective media
12. Gram stain picture of staphylococcus aureus
13. Cold sterilization
14. Classify active immunity with examples
15. T- cells
16. Name four dimorphic fungi
17. Hydatid cyst
18. Name four agents causing diarrhea in AIDS patients
19. Sample collection in urinary tract infection
