

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2023**

**Microbiology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays:

(2x10=20)

1. Classify hepatitis viruses. Discuss in detail about modes of transmission, lab diagnosis and prophylaxis of hepatitis B (2+2+3+3)
2. Define disinfectant. Classify the disinfectants. Briefly discuss about chemical sterilant (2+3+5)

Short notes:

(6x5=30)

3. Tetanus
4. Bacterial growth curve
5. Passive immunity
6. Dermatophytes
7. Laboratory diagnosis of diphtheria
8. Prophylaxis of rabies

Answer briefly:

(10x3=30)

9. BCG vaccine
10. Life cycle of malaria
11. Syphilis
12. Gram stain
13. Infections caused by streptococci
14. Enrichment media
15. Laboratory diagnosis of enteric fever
16. Hot air oven
17. Polio vaccine
18. Name three intestinal nematodes
