

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations August 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. Define sterilization. Classify different methods of sterilization. Briefly describe on autoclave. (2+3+5)
2. Discuss briefly about the structure, modes of transmission and lab diagnosis of HIV. (2+2+6)

Short notes:

(6x5=30)

3. Infections caused by staphylococcus aureus
4. Enteric fever
5. Intestinal amoebiasis
6. Standard precautions
7. Post exposure prophylaxis of Hepatitis B
8. Pulmonary tuberculosis

Answer briefly:

(10x3=30)

9. Biomedical waste management
10. Cryptococcus
11. VDRL
12. Name three opportunistic fungi
13. Enriched media
14. Bacterial capsule
15. Active immunity
16. Pseudomonas aeruginosa
17. Name three primary infections caused by pneumococci
18. Antibiotic sensitivity testing.
