

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2024**

**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. Describe the morphology of rabies virus. Briefly discuss about the laboratory diagnosis, pre exposure and post exposure prophylaxis of rabies (2+3+2+3)
2. Define hospital acquired infection. What are the different types of HAI. Briefly discuss about standard precautions. (2+3+5)

Short notes:

(6x5=30)

3. Serological markers of Hepatitis B
4. Bacillary dysentery
5. Malaria
6. Diphtheria
7. Anaerobic culture methods
8. Autoclave

Answer briefly:

(10x3=30)

9. Bacterial spore
10. Differential media
11. Coagulase negative staphylococci
12. Pentavalent vaccine
13. Innate immunity
14. Candidiasis
15. Widal test
16. Pasteurization
17. Negative staining
18. Name three blood borne pathogens
