

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations January 2021**

**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. Discuss the bio-waste management in a hospital.
2. Define nosocomial infection. List the common nosocomial infections. Discuss the laboratory diagnosis of hepatitis B infection. (1+3+6)

Short notes:

(6x5=30)

3. Bacterial flagella
4. Newer autoclaves and its role in blood banks
5. Universal precautions
6. Hepatitis B vaccine and its indications
7. Wuchereria bancrofti
8. Opportunistic fungi

Answer briefly:

(10x3=30)

9. Cold sterilization
10. Aldehydes in sterilization
11. Hepatitis C
12. AFB staining
13. Prevention of tetanus
14. Life cycle of plasmodium vivax in man
15. Typhoid fever
16. Venipuncture procedure
17. Autoclave - its application in a hospital
18. Tests for HIV infection
