

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations March 2020**

**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. Name the viral infections transmitted through blood. Describe the laboratory diagnosis of HIV infection. What are the methods for prevention. (2+5+3)
2. Describe the infections caused by staphylococci. Discuss their laboratory diagnosis. (5+5)

Short notes:

(6x5=30)

3. Cryptococcus.
4. Bacterial growth curve.
5. Live vaccines.
6. Hot air oven.
7. Life cycle of *Ascaris lumbricoides*.
8. Leptospirosis

Answer briefly:

(10x3=30)

9. Botulism.
10. Dermatophytes.
11. Prophylaxis of poliomyelitis.
12. Laboratory diagnosis of Gonorrhea.
13. *Taenia solium*.
14. Antiseptics.
15. Transport media.
16. VDRL test.
17. Acid fast staining.
18. Antibiotic susceptibility tests
