

QP Code: 211019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Supplementary
Examinations October 2022**

**Paper VI – General Microbiology
(2016 Scheme)**

Time: 3 hrs

Max Marks: 100

- *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*

Long Essays (2x15=30)

1. Classify bacteria based on bacterial metabolism with examples. Describe bacterial growth curve
2. Describe different staining methods of bacteria

Short Essay (2x10=20)

3. Cell wall of bacteria
4. IMVIC tests

Short Answers (6x5=30)

5. Fimbriae
6. Intermittent sterilisation
7. Ethylene oxide
8. Enrichment media
9. Conjugation
10. Antibiotics inhibiting protein synthesis

Comment on (10x2=20)

11. Mesophilic bacteria
12. Spore
13. E- Test
14. L forms
15. Gamma radiation
16. Chick Martin test
17. Blood Agar
18. McIntosh and Fildes's Jar
19. Transposons
20. Fluoroquinolones
