

QP Code: 211019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Supplementary
Examinations April 2020 (January 2021)**

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 culture media. Describe in detail enriched culture media.
2. Define and classify disinfectants. Describe in detail about each disinfectants

Short Essay

(2x10=20)

3. Differential staining methods of bacteria.
4. Disc diffusion methods of antibiotic susceptibility testing

Short Answers

(6x5=30)

5. Bacterial spore.
6. Cold sterilisation.
7. Anaerobic culture media.
8. Hot air oven
9. Plasmid.
10. Cell wall acting antibiotics.

Comment on

(10x2=20)

11. Capnophilic bacteria
12. Capsule staining
13. MIC
14. Protoplast
15. Filters
16. Phenol coefficient
17. Nutrient agar
18. Indole test
19. Transposition
20. Penicillins.
