

QP Code:104109

Reg. No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD)
December 2020**

Paper IV - Applied Microbiology and Recent Advances in Microbiology

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*

Essay:

(20)

1. Discuss recent concepts in application of nanotechnology in microbial diseases.

Short essays:

(8x10=80)

2. Surgical site infection
3. Q fever
4. *Borrelia burgdorferi*
5. Chimeric antibodies
6. Bacteriological examination of water
7. Pathogenesis and management of SARS-CoV2 infection.
8. Oncogenic DNA Viruses
9. Tests to determine efficacy of disinfectant
