

QP Code: 125005

Reg. No:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2023
Nunnuyiriyal (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*

Essays

(2x10=20)

1. Write in detail about the Antigenic structure, Pathogenicity, Clinical manifestations and Laboratory diagnosis of *Corynebacterium diphtheriae*.
2. Explain in detail about the Structure, Pathogenesis and Laboratory diagnosis of Rabies virus.

Short Notes

(10x5=50)

3. Robert Koch
4. Methods of anaerobic culture
5. Tuberculin test
6. Clinical syndromes caused by *Neisseria gonorrhoeae*
7. Enteric fever
8. Acquired immunity
9. Wood's lamp test
10. Mumps
11. Bacteriophage
12. Biomedical Waste Management

Answer Briefly

(10x3=30)

13. Fimbriae
14. Mesosomes
15. McFadyean reaction
16. Mycoplasma
17. Agglutination and Precipitation
18. Haptens
19. Piedra
20. Swine flu
21. BCG vaccine
22. Infectious mononucleosis
