

QP Code: 125005

Reg. No:

**First Professional B.S.M.S Degree Supplementary Examinations
March 2019**

Nunnuyiriyal (Microbiology)

(2016 Scheme)

Time: 3 Hrs

Max Marks: 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(2x10=20)

1. Describe the morphology, cultural characters, biochemical reactions, pathogenicity and laboratory diagnosis of clostridium perfringens.
2. Explain in detail about autoimmunity

Short Notes

(10x5=50)

3. Lepromin test.
4. Bacterial vaccines.
5. Rhinosporidiosis.
6. Biomedical waste management.
7. Pox virus.
8. Corona virus.
9. Sterilization by moist heat.
10. WIDAL test.
11. Bacteriophage.
12. Vibrio cholerae

Answer Briefly

(10x3=30)

13. Dimorphic fungi.
14. Swine flu.
15. Transport medium.
16. ImVic test.
17. Pauci bacillary disease.
18. Chikungunya virus.
19. Enumerate bacteria causing meningitis.
20. Traveler's diarrhea.
21. C-reactive protein.
22. Bacterial spore.
