

Q.P.Code: 207005

Reg. No.....

Second Professional B.S.M.S Degree Examinations, August 2014

Nunnuyiriyal (MICROBIOLOGY)

- **Answer all the questions**
- **Draw diagram wherever necessary**

Time : 3hrs

Max. Marks:100

Essay:

(2x10=20)

1. Describe the structure of rhabdo virus with labeled diagram. Explain in detail the pathogenesis and prophylaxis of rabies.
2. Classify hypersensitivity. Explain in detail about type-I hypersensitivity.

Short Notes:

(10x5=50)

3. Blood culture
4. Differentiate bacterial and fungal spores
5. Frei's test
6. OPV
7. Blocking antibody
8. Botulism
9. Dermatophytes
10. Coomb's test
11. Bacterial filters
12. TRIC agents

Answer briefly:

(10x3=30)

13. MRSA
14. RCMB
15. Name the methods used to sterilize operation theatres
16. 'Traveller's diarrhea
17. IMViC test
18. How do you cultivate mycobacterium leprae
19. H₁N₁
20. Name any two fungus producing mycotoxins.
21. Name two non-motile species of salmonella
22. Draw and label the structure of secretory antibody
