

Q.P. Code: 207005

Reg. No.....

Second Professional B.S.M.S Degree Supplementary Examinations

August 2017

Nunnuyiriyal (MICROBIOLOGY)

(2010 Scheme)

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

Time : 3hrs

Max. Marks:100

Essay:

(2x10=20)

1. Describe about the morphology, cultural characters, pathogenesis and laboratory diagnosis of mycobacterium tuberculosis.
2. Explain about hepatitis B virus infection and its lab diagnosis.

Short Notes:

(10x5=50)

3. Bacterial spore
4. Describe about the various types of hemolytic patterns with examples
5. Coombs test and its principle
6. Type - I hypersensitivity reaction
7. Bacterial vaccines
8. Typhus fever
9. Varicella zoaster
10. Cultivation of viruses
11. Dermatophytes
12. Anaerobic culture techniques

Answer briefly:

(10x3=30)

13. Principle of gram's staining
14. Immunoglobulin - A
15. Differential media
16. Cholera red reaction
17. Molluscum contagiosum
18. LGV
19. SARS
20. Aspergilloma
21. Otomycosis
22. Nosocomial infection with three examples
