

Q.P.Code: 207005

Reg. No.....

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

February 2017

Nunnuyiriyal (MICROBIOLOGY)

(2010 Scheme)

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

Time : 3hrs

Max. Marks:100

Essay:

(2x10=20)

1. Explain the nutritional requirement for bacterial growth and growth curve with suitable illustration.
2. Discuss urinary tract infections and its laboratory diagnosis

Short Notes:

(10x5=50)

3. Flagella and pili
4. Enriched media
5. Shiegella infection
6. Pulmonary tuberculosis
7. Thymus and spleen
8. Type IV hypersensitivity
9. Systemic mycoses
10. Laboratory diagnosis of fungi.
11. Hepatitis A virus
12. Disposal of biomedical waste.

Answer briefly:

(10x3=30)

13. Autoclave
14. Hanging drop test
15. Botulism
16. Tuberculin
17. Weil's disease
18. Wall less bacteria
19. Booster dose
20. Molecular mimicry
21. Dengue
22. MMR vaccine
