

**First Professional B.S.M.S Degree Examinations, September 2017**

**NUNNUYIRIYAL  
(2013 Scheme)**

- Answer all the questions
- Draw diagrams wherever necessary

**Time: 3 Hrs**

**Max.Mark : 100**

**Essays:**

**(2x10=20)**

1. Describe the morphology, cultural characters, pathogenesis and laboratory diagnosis of bacillus anthracis
2. Describe hypersensitivity and explain in detail about type - I hypersensitivity reactions.

**Short notes:**

**(10x5=50)**

3. Bacterial growth curve
4. Bacterial flagella
5. Typhoid fever and its lab diagnosis
6. Candida
7. Auto immunity
8. Coagulase test
9. Types of leprosy
10. Classical pathway of complement system
11. Rubella
12. Polio and its vaccination

**Answer briefly:**

**(10x3=30)**

13. Alexander Fleming
14. Enrichment media
15. Atopy
16. Rhinosporidiosis
17. Gas gangrene
18. Cholera red reaction
19. Leptospirosis
20. Chickungunya
21. Intra cytoplasmic inclusion bodies
22. Avian flue