

**First Professional B.S.M.S Degree Supplementary Examinations March 2017**

**NUNNUYIRIYAL  
(2013 Scheme)**

- Answer all the questions
- Draw diagrams wherever necessary

**Time: 3 Hrs**

**Max.Mark : 100**

**Essays:**

**(2x10=20)**

1. Describe in detail about the anatomy of bacterial cell.
2. Describe the structure of HIV virus, explain its clinical features and lab. Diagnosis of AIDS.

**Short notes:**

**(10x5=50)**

3. Louise Pasteur
4. Classical pathway of complement system.
5. Satellitism
6. Classify streptococci and describe the lab. diagnosis of rheumatic fever
7. Methods of antibiotic sensitivity testing
8. Typhus fever
9. Dermatophytes
10. Viral haemagglutination
11. Mycotoxins
12. Lab. diagnosis of hepatitis B virus

**Answer briefly:**

**(10x3=30)**

13. C – Reactive protein
14. Tyndallisation
15. Weil – felix reaction
16. Name any four bacteria causing meningitis
17. Differential media
18. H<sub>1</sub>N<sub>1</sub>
19. PCR
20. Madura foot
21. Complications of dengue virus infection
22. Psittacosis