

First Year B.Sc MLT Degree Supplementary Examinations March 2018

Basic Microbiology and Immunology

(2016 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all questions.
- Draw diagrams wherever necessary.

Essay

(2x10=20)

1. Define sterilization. Classify various sterilizing methods. Describe in detail the working of autoclave. (1+4+5)
2. Enumerate different antigen antibody reactions. Describe in detail about agglutination. (5+5)

Short notes

(10x5=50)

3. Aldehydes
4. Testing of disinfectant
5. Anaerobic incubator
6. Fluorochrome staining
7. Flagella
8. Bacterial virulence factors
9. Monoclonal antibody
10. Type IV hypersensitivity
11. Immunofluorescence
12. Artificial acquired immunity

Answer briefly

(10x3=30)

13. Edward Jenner
14. Tyndalisation
15. Incineration
16. Alcohols
17. Membrane filters
18. simple staining.
19. Spore staining
20. Primary infection
21. Immunoglobulin E
22. Adjuvants
