



Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (M.L.T) Degree Examination – APRIL 2015

Time: 3 Hours

Max. Marks: 40 Marks

Microbiology

Q.P. Code: 1605

Section - B

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1604 and 1605 are to be answered within total duration of 3 hours)

(Use separate Answer books for Section A and Section B)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define sterilization. Write in detail the methods of sterilization by using moist heat. Add a note on sterilization indicators.
2. Draw a neat labelled diagram of a bacterial cell. Add a note on the capsule.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Louise Pasteur
4. Transport media
5. Albert's stain
6. Bacterial growth curve
7. Antibiotic susceptibility testing

SHORT ANSWERS

5 x 2 = 10 Marks

8. Pasteurization of milk
9. Bacteriological analysis of water
10. Disinfections used in the hospital
11. Oxidase and Catalase test
12. Blood culture
