

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (M.L.T) Degree Examination – SEP 2016

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. Discuss the method of sterilization using the autoclave. Add a note on Quality check with Sterilization indicators.
2. Discuss the principles, methods and Quality check of antibiotic susceptibility testing for bacterial isolates.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Bacteriological analysis of water
4. Hot air oven
5. Methods of bacterial preservation
6. Blood culture
7. Disinfectants used in the hospital

SHORT ANSWERS

5 x 2 = 10 Marks

8. Bacterial growth curve
9. Acid fast staining
10. Conjugation
11. Bacterial spore
12. Koch's postulates
