



# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (M.L.T) Degree Examination – May 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. Classify bacteria based on morphology. Write in detail about Bacterial Cell Wall.
2. Define and classify sterilization. Give a detailed account about the principle, working and uses of autoclave.

### SHORT ESSAYS (Answer any Four)

**4 x 5 = 20 Marks**

3. Electron microscope
4. Classification of bacterial culture media and its uses
5. Antimicrobial sensitivity testing
6. Quality control in microbiology laboratory
7. Preservation of bacterial cultures

### SHORT ANSWERS

**5 x 2 = 10 Marks**

8. Pasteurization
9. Joseph Lister
10. Dark Ground Microscope
11. Name any two antibacterial agents.
12. Name any two motile bacteria.

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