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Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (M.L.T) Degree Examination – Sep 2012

Time: 3 Hours

Max. Marks: 40 Marks

Microbiology

Q.P. Code : 1605

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)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Write an essay on methods of sterilization with special emphasis on dry heat sterilization. Add a note on sterility check
2. Describe in detail various methods of gene transfer in bacteria

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Sugar fermentation media
4. Antibiotic sensitivity tests
5. Imvic reaction
6. Louis Pasteur
7. Bacterial growth curve

SHORT ANSWERS

5 x 2 = 10 Marks

8. Selective media for growing bacteria
9. Gas-Pak technique
10. Special stains
11. Differential media
12. Cold sterilisation
