



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – May 2016

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY – II (RS3)

Q.P. CODE: 3157

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

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LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Enumerate bacteria causing enteric fever. Describe the lab diagnosis of Enteric fever.
2. Enumerate bacteria causing Urinary tract infection. Describe the lab diagnosis of urinary tract infection.
3. Describe the Life cycle, pathogenesis and laboratory diagnosis of *Ancylostoma duodenale*.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Methods of antibiotic susceptibility testing.
5. Lab diagnosis of *Streptococcus pyogenes*.

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6. Life cycle of *Ascaris lumbricoides*.
7. RNTCP.
8. Morphology of trophozoite and Cyst of *Entamoeba histolytica*.
9. Peripheral smear examination for blood parasites.
10. Types of hospital acquired infections and its prevention.
11. Toxigenicity testing for *Corynebacterium diphtheriae*.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Name 3 zoonotic bacterial diseases.
13. Name 3 selective media.

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14. Name 3 species of Shigella.
15. Name 3 parasites causing diarrhoea.
16. Name 3 oxidase positive bacteria.
17. Indole test.
18. Methods to Prevent swarming in bacteria.
19. DPT vaccine.
20. Casoni's test
21. List 3 drugs used in the treatment of tuberculosis.
22. Egg of Trichuris trichura.
23. Name 3 bacteria causing Food poisoning.

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