

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. MLT Degree Examination – Aug 2013

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY (RS3)**Q.P. CODE: 3155**

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

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

1. Contributions of Robert Koch
2. Bacterial spore
3. Hot air oven
4. Modes of transmission of hospital acquired infections
5. Differences between killed and live attenuated vaccines
6. Lab diagnosis of Mycobacterium tuberculosis
7. Lab diagnosis of urinary tract infection
8. Filariasis
9. Rabies
10. Lab diagnosis of dermatophytosis

SHORT ANSWERS (Answer any Ten)**10 x 3 = 30 Marks**

11. Edward Jenner
12. Cold sterilization
13. Color coding of biomedical waste
14. Use of aldehydes in sterilization
15. Gram staining
16. Transport media
17. Bacterial dysentery
18. Interpretation of Widal Test
19. VDRL test
20. Dengue
21. Use of Embryonated egg in cultivation of viruses
22. Mucormycosis

TO THE POINT ANSWERS (Answer any Five)**5 x 2 = 10 Marks**

23. Name any two capsulated bacteria.
24. Name any two enriched media.
25. Name any four viruses causing Hepatitis
26. Name any two Coagulase negative Staphylococci.
27. Name any two opportunistic infections seen in AIDS patients.
28. Name any two stains used in peripheral smear examination.
29. Name any two media used in cultivation of fungus.
