

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - SEP-2016

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – Paper II (RS-3 Scheme)

Q.P. CODE: 3157

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Enumerate malarial parasites. Describe the life cycle of Plasmodium falciparum and add a note on laboratory diagnosis of malaria.
2. Classify Spirochaetes. Discuss the morphology and laboratory diagnosis of Treponema pallidum.
3. Describe the pathogenesis and laboratory diagnosis of Typhoid fever.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Coagulase negative Staphylococci
5. Life cycle of Entamoeba histolytica
6. Classify mycobacteria. Discuss atypical mycobacteria.
7. Infection and laboratory diagnosis of Pseudomonas aeruginosa
8. Laboratory diagnosis of Kala Azar
9. ASO test
10. Laboratory diagnosis of Pulmonary tuberculosis
11. Kirby Bauer method

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Name three Gram Positive Bacteria.
13. NIH swab
14. Non Gonococcal urethritis
15. Eltor vibrios
16. Define significant bacteriuria.
17. Enumerate three bacteria causing diarrhoeal disease.
18. Hydatid cyst
19. Biochemical properties of Klebsiella
20. CAMP test
21. Morphology of Hookworm egg
22. Indole test
23. Weil-Felix test
