

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 08-May-2025

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY – II (RS-4)

Q.P. CODE: 3280

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Classify cestodes. Give a detailed account of morphology, life cycle, pathogenicity and laboratory diagnosis of *Echinococcus granulosus*.
 2. Enumerate bacteria causing Enteric fever. Describe the lab diagnosis of Enteric fever
- OR**
- Explain morphology, pathogenicity and laboratory diagnosis of *Trichomonas Vaginalis*

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Stormy clot fermentation
 4. Explain cycle of Ross.
 5. Lab diagnosis of staphylococcus
- OR**
- Write life cycle of Fasciola
6. Lab diagnosis of Gonorrhea
 7. AST
 8. Blood Culture
 9. Explain in detail Hanging drop preparation
 10. Prophylaxi for Diptheria
- OR**
- Explain in detail E.coli diarrheagenic
11. Laboratory diagnosis of Anthrax
 12. Briefly explain the principle, care, maintenance and applications of Incubator.

SHORT ANSWER

10 x 3 = 30 Marks

13. Montoux test
14. Wagulase test
15. Buffy coat test
16. Elek's gel preupitation test
17. Name three bacterias which causes pyogenic Infections
18. Egg of *Trichuri's Trichiura*
19. Name any three organisms causing hospital acquired infections
20. Hydatid cyst
21. Microfilaria of *Wachereria bancrofti*
22. Name three bacteria causing UTI