

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 03-Aug-2022

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY – PAPER I (RS3)

Q.P. CODE: 1083

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define sterilization. Classify sterilization methods. **Discuss** about moist heat sterilization.
2. Discuss in detail the causative organism, **laboratory** diagnosis and pathogenesis of pulmonary tuberculosis.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Pathogenesis and **laboratory** diagnosis of cholera.
4. Prophylaxis against Tetanus.
5. Bacillary dysentery.
6. IgM.
7. Write the **laboratory** diagnosis of gonococcal infection.
8. Precipitation reactions.
9. Type I hypersensitivity.
10. Active immunity.
11. Bacterial flagella.
12. **Laboratory** diagnosis of Enteric fever.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Coagulase Test.
14. Mention three contributions of Louis **pasteur**.
15. Name three bacteria causing wound infections.
16. Name three live attenuated vaccines.
17. Name three disinfectants used in hospitals.
18. Name three bacteria causing food poisoning.
19. Plasmid.
20. Name three gram positive bacilli.
21. Oxidase test.
22. Name three uses of Immunofluorescence.
