

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 11-Apr-2025

Time: Three Hours**Max. Marks: 100****MICROBIOLOGY – PAPER I (RS-3)****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. Describe the pathogenesis. Laboratory diagnosis, treatment and prophylaxis of enteric fever
2. Define and classify hypersensitivity reactions. Describe type I hypersensitivity reactions

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Anaerobic culture methods
4. Plasmids
5. Louis Pasteur
6. Mechanisms of **Innate Immunity**
7. Laboratory diagnosis of diphtheria
8. Treatment and prophylaxis of pulmonary tuberculosis
9. Bacterial spore
10. Gonorrhea
11. Koch's postulates
12. Biomedical waste

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Selective media
14. Bacterial growth curve
15. Indole test
16. IgM antibody
17. Name three **live attenuated vaccines**.
18. Name three gram negative bacilli
19. Name three culture media
20. **Anti Streptolysin O (ASO)** test
21. Name three gram positive bacilli
22. **Write the** uses of autoclave
