

Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 03-Feb-2024

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. Classify **Mycobacteria**. Describe the pathogenesis, laboratory diagnosis and prophylaxis of pulmonary tuberculosis
2. Define and classify sterilisation. Add a note on moist heat sterilisation

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

3. Coagulase test
4. Louis Pasteur
5. Bacterial flagella
6. Lab diagnosis of urinary tract infection
7. Laboratory diagnosis of **Shigellosis**
8. Plasmid
9. ASLO test (**Anti Streptolysin O test**)
10. IgG antibody
11. ELISA
12. Anaerobic culture media

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

13. Name three sexually transmitted infections
14. Name three vaccines
15. Transport media
16. Exotoxins and Endotoxins
17. Mechanisms of innate immunity
18. Name three autoimmune diseases
19. CRP (**C-Reactive Protein**)

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20. Name three bacteria causing wound infections
21. Name three motile bacilli
22. Name three selective media

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