

Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 06-Mar-2021

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 and enumerate organisms causing PUO. Describe the laboratory diagnosis of Enteric fever.
2. Enumerate Antigen Antibody reactions. Describe in detail about principle, types and applications of ELISA.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Bacterial flagella.
4. Laboratory diagnosis of Diphtheria.
5. Principles and uses of autoclave.
6. Structure and functions of IgA.
7. Post Streptococcal sequelae.
8. Diarrhoeagenic E. coli.
9. Halophilic Vibrios.
10. Laboratory diagnosis of anaerobic infection.
11. Classical complement pathway.
12. Laboratory diagnosis of Syphilis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Nagler's reaction.
14. HACEK agents.
15. Contributions of Louis Pasteur.
16. Cholera red reaction.
17. Immune prophylaxis of Diphtheria.
18. Labeled diagram bacterial cell.
19. Classify Streptococci.
20. Culture media for Mycobacterium tuberculosis.
21. Gaseous sterilization.
22. Three difference between Active and Passive immunity.
