

Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 13-Feb-2023

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 classify Sterilization. Describe principle and uses of autoclave.
2. Enumerate organisms causing Sexually transmitted infections. Describe the pathogenesis and laboratory diagnosis of Syphilis.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Bacterial spore.
4. Laboratory diagnosis of cholera.
5. Type I Hypersensitivity reaction.
6. Robert Koch.
7. Laboratory diagnosis of pulmonary tuberculosis.
8. Mechanism of bacterial drug resistance.
9. Transport media.
10. Laboratory diagnosis of Gas gangrene.
11. Blood culture.
12. Laboratory diagnosis of urinary tract infections.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Enumerate three bacteria causing diarrhoea.
14. Bacterial growth curve.
15. What is selective media and give two examples?
16. Classify immunity.
17. Immune prophylaxis of Tetanus.
18. Pasteurization.
19. Name three bacterial vaccines.
20. Coagulase test
21. Name three bacteria causing meningitis.

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22. Draw a neat labelled diagram of bacterial flagella.

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