



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DEC-2014

Time: Three Hours

Max. Marks: 100 Marks

Microbiology – Paper I (Revised Scheme)

Q.P. CODE: 1058

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

LONG ESSAYS

2 x 9 = 18 Marks

1. Enumerate Antigen-Antibody reactions. Describe Agglutination tests and their applications in Microbiology. (3+6 = 9 marks)
2. Classify Streptococci. Give an account of morphology and pathogenicity of Streptococcus pyogenes. (3+3+3 = 9 marks)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Typhoid Vaccines
4. Laboratory diagnosis of Plague
5. Pathogenicity of Helicobacter pylori
6. Laboratory diagnosis of Leptospirosis
7. MRSA
8. Laboratory diagnosis of Pulmonary Tuberculosis
9. Antibiotic Sensitivity testing
10. Moist heat sterilization below 100°C
11. Bacterial Drug Resistance
12. Bacterial Growth Curve

SHORT ANSWERS

16 x 2 = 32 Marks

13. Haptens
14. Give four examples of Selective media
15. Classify Immunity.
16. Applications of ELISA
17. Functions of Ig G
18. Helper T-cell
19. Give two examples of Immunodeficiency diseases.
20. Prausnitz – Kustner reaction
21. Rheumatoid factor
22. Define Graft versus Host Reaction
23. Mention four exotoxins of Staphylococcus aureus
24. Cold Agglutination Test
25. C reactive protein
26. Mention two agents causing Non-Gonococcal Urethritis.
27. M'Fadyean's reaction
28. Verotoxigenic Escherichia Coli

