



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2016

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. Describe the pathogenesis and laboratory diagnosis of Typhoid Fever. (4+5 = 9)
2. Define and classify Hypersensitivity. Describe in detail Type I Hypersensitivity (2+2+5 = 9)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Hot air oven
4. Bacterial filters
5. Plasmids
6. Ziehl Neelsen stain
7. Clostridium difficile
8. Non specific test for Syphilis
9. El tor vibrio
10. Q fever
11. Brucellosis
12. Mechanisms of autoimmunity

SHORT ANSWERS

16 x 2 = 32 Marks

13. Generation time
14. Contributions of Louis Pasteur
15. Aetiology of gas gangrene
16. Lepromin test
17. IMViC reaction
18. Photochromogens
19. Bordet Gangou medium
20. Applications of Immunofluorescence tests
21. Flagella
22. Toxins produced by streptococcus pyogenes
23. Transposons
24. Vincent's Angina
25. Classification of Mycobacteria
26. Herd immunity
27. Mention the four species of Shigella.
28. Mycoplasma

