

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE-2019

Time: Three Hours

Max. Marks: 100 Marks

Microbiology – Paper I (RS2 & RS3 Scheme)

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. Enumerate different organisms causing Pyrexia of Unknown Origin. Describe pathogenesis and laboratory diagnosis of Typhoid Fever. (3+7)
2. Define and classify Hypersensitivity. Describe Type I Hypersensitivity reaction in detail. (1+3+6)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Bacterial Cell Wall
4. Immunoglobulins
5. Resistance transfer factor
6. Chlamydiae
7. Atypical Mycobacteria
8. Lepromin test
9. Laboratory diagnosis of Urinary Tract Infection
10. Routes of Infection
11. Virulence factors of Streptococcus pyogenes
12. Leptospirosis

SHORT ANSWERS

10 x 3 = 30 Marks

13. Differentiate Cell Wall of Gram +ve and Gram -ve Bacteria.
14. Adjuvants
15. Enumerate organisms causing food poisoning
16. Agglutination reactions
17. Nagler's reaction
18. Plasma cell – IgG
19. Dark ground Microscope
20. Bacterial Growth curve
21. Disposal of Biomedical waste
22. Hot Air Oven
