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Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DEC-2018

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 various Antigen Antibody reactions. Describe Agglutination reactions with examples. (4+6)
2. Enumerate organisms causing sexually transmitted disease. Describe laboratory diagnosis of Syphilis. (3+7)

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Bacterial cell wall
4. Moist heat sterilization
5. Mechanisms of innate immunity
6. Type IV Hyper sensitivity reaction
7. Immunodiffusion tests
8. Types of Mutations with examples
9. Non suppurative lesions produced by Streptococci
10. Classical complement pathway
11. Laboratory diagnosis of cholera
12. Epidemic typhus

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Hapten
14. Labelled diagram of Imunoglobulin A
15. Major Histo Compatability complex
16. Gas pak
17. Pili
18. Labelled diagram of bacterial growth curve
19. Culture media for Mycobacterium tuberculosis
20. Immune prophylaxis of diphtheria
21. Examples for combined immunodeficiency diseases
22. Clot culture

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