

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2017

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. Define Infection. Name the different types of Infection. Describe sources of Infection. (1+3+6)
2. Enumerate the organisms causing Pyogenic meningitis. Describe in detail pathogenesis and laboratory diagnosis of Meningococcal meningitis. (3+3+4)

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

3. Plasmid
4. Autoimmunity
5. Precipitation reactions
6. Laboratory diagnosis of Pulmonary Tuberculosis
7. Methods of Anaerobiosis
8. Mycoplasma pneumoniae
9. Standard tests for Syphilis
10. Lepromin test
11. Bacterial Spore
12. Laboratory diagnosis of Typhoid fever

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

13. Heterophile Antigen
14. Differences between El Tor and Classical Vibrio
15. Classification of Staphylococci
16. Prevention of Tetanus
17. Draw a neat labeled diagram of IgM
18. Electron Microscope
19. Methods of obtaining pure culture of Bacteria
20. Selective Media
21. Significant Bacteriuria
22. Non-suppurative infections of Streptococcus pyogenes
