

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2017

Time: Three Hours

Max. Marks: 100 Marks

Microbiology – Paper II (RS2 & RS3 Scheme)

Q.P. CODE: 1084

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Enumerate Parasites found in Blood. Describe life cycle and laboratory diagnosis of Plasmodium falciparum. (3+7)
2. Enumerate Hepatitis Viruses. Describe morphology, pathogenicity and laboratory diagnosis of Hepatitis B Virus. (3+2+2+3)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Cryptococcus neoformans
4. Immunoprophylaxis of Rabies
5. Hydatid cyst
6. Mycetoma
7. Interferons
8. Cultivation of Viruses
9. Concentration methods for Stool
10. Dermatophytes
11. Japanese Encephalitis
12. Giardia lamblia

SHORT ANSWERS

10 x 3 = 30 Marks

13. Classification of Fungi
14. Oral thrush
15. Antigenic shift and drift
16. Structure of HIV
17. Fungal slide culture
18. Inclusion body
19. Rhinosporidiosis
20. NIH Swab
21. Cysticercus Cellulosae
22. Difference between Amoebic and Bacillary Dysentery

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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
