

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 18-Dec-2019

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 Intestinal Nematodes. Describe morphology, life cycle, pathogenicity and laboratory diagnosis of Ancylostoma duodenale. (2+2+2+2+2)
2. Describe morphology, pathogenicity, laboratory diagnosis to detect various markers and prophylaxis of Hepatitis B. (2+1+4+3)

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

3. Describe pathogenicity and laboratory diagnosis of Candida albicans.
4. Histoplasma capsulatum
5. Differences between Bacteria and Viruses
6. Kyasanur forest disease
7. Laboratory diagnosis of Influenza Virus
8. Anti rabies vaccines – prophylaxis of Rabies
9. Techniques to identify growth of Viruses in Cell Culture
10. Complications and laboratory diagnosis of Plasmodium falciparum
11. Life cycle of Taenia solium
12. Laboratory diagnosis of Leishmania donovani

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

13. Aspergillosis
14. Draw a labelled diagram of HIV.
15. Slow Virus diseases
16. Mycotoxins
17. Draw a labelled diagram of Egg of Trichuris Trichiura.
18. Define antigenic shift and antigenic drift
19. Define Intermediate Host.
20. Enumerate Parasites entering Human Host through Skin.
21. Mosquitoes as Vectors
22. Enumerate Parasites causing Anaemia.
