

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.
