



Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 25-Nov-2020

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY - PAPER II (RS3)

QP 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 small intestinal human nematodes. Describe in detail about the life cycle and pathogenesis of *Ascaris lumbricoides*.
2. Describe in detail about the pathogenesis and laboratory diagnosis of HIV infection. Add a note on opportunistic infection seen in AIDS.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Write a note on Kyasanur Forest disease.
4. Immune prophylaxis of polio
5. Write a note on Cryptococcosis.
6. Write about Rota virus.
7. Clinical manifestations of Coxsackie viruses
8. Laboratory diagnosis of HCV infection
9. Mechanisms of viral oncogenesis
10. Write a note on Chagas disease
11. Enumerate liver flukes.
12. Write about coccidioidomycosis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Laboratory diagnosis of amoebic liver abscess
14. *Acanthamoeba*
15. *Leishmania tropica* complex
16. Viral hemagglutination
17. Write about tropical pulmonary Eosinophilia.
18. Enumerate parasitic zoonoses.
19. Complications of falciparum malaria
20. Enumerate dimorphic fungi.
21. Clinical manifestations of Strongyloidiasis
22. Epstein-Barr virus

