



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JULY 2015

Time: Three Hours

Max. Marks: 100 Marks

Microbiology – Paper II (Revised Scheme)

Q.P. CODE: 1059

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 9 = 18 Marks

1. Describe the structure, pathogenesis and laboratory diagnosis of Human Immunodeficiency Virus (HIV). (2+3+4 = 9 marks)
2. List the Intestinal Nematodes pathogenic to man. Describe life cycle, pathogenesis and laboratory diagnosis of Ascariasis lumbricoides. (2+3+2+2 = 9 marks)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Occult Filariasis
4. Hepatitis C virus
5. Laboratory diagnosis of Toxoplasma gondii
6. Black water fever
7. Laboratory diagnosis of Giardiasis
8. Morphology and cultural characters of Aspergillus Species
9. Rhinosporidiosis
10. Laboratory diagnosis Cryptococcosis
11. Pathogenesis and complications of Mumps virus infection
12. Bacteriophage

SHORT ANSWERS

16 x 2 = 32 Marks

13. NIH swab
14. Reynold Braude phenomenon
15. Name four oncogenic viruses
16. Uses of mouse in Microbiology laboratory
17. Enumerate two Antifungal agents.
18. Enumerate two Fungal stains.
19. Name four DNA viruses.
20. Infections caused by Coxsackie virus
21. Viral Haemagglutination
22. Enumerate two viruses causing Diarrhoea.
23. Mention the steps of Viral Replication.
24. Viral Cytopathic Effect (CPE)
25. Negri bodies
26. Mention two examples of Slow viral infections.
27. NS-1 Antigen
28. Labelled diagram of Balantidium coli

