



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - **June/July 2014**

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. List the intestinal nematodes. Describe the lifecycle of *Ascaris lumbricoides* and add a note on its prevention. (3+4+2 = 9)
2. Enumerate viruses causing Hepatitis. Describe the pathogenesis and laboratory diagnosis of Hepatitis B virus infection. (2+3+4 = 9)

SHORT ESSAYS

10 x 5 = 50 Marks

3. *Rhinosporidium seeberi*
4. Penicillosis
5. Black water fever
6. Hydatid cyst
7. *Histoplasma capsulatum*
8. Life cycle of *Toxoplasma gondii*
9. Slow viral infections
10. Herpes simplex virus
11. MMR vaccine
12. Cytomegalic inclusion disease

SHORT ANSWERS

16 x 2 = 32 Marks

13. Viral cytopathic effect
14. Enumerate four RNA viruses.
15. Oral polio vaccine
16. Antigenic shift
17. Mention two oncogenic viruses.
18. Draw a neatly labelled diagram of cyst of *Giardia lamblia*.
19. Casoni's test
20. Cercariae
21. NIH swab
22. NNN media
23. DEC provocation test
24. Draw the Scolex of the "Armed tapeworm".
25. Intermediate host
26. Pathogenicity of *Loa loa*
27. Life cycle of *Trichinella spiralis*
28. Mention two parasites causing anaemia.

