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Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify nematodes. Describe the life cycle and lab diagnosis of *Wuchereria bancrofti*
2. Enumerate Herpes viruses. Describe the pathogenesis and lab diagnosis of Herpes simplex virus

SHORT ESSAY

10 X 5 = 50 Marks

3. Opportunistic fungal infections in AIDS
4. Fungal infections of skin
5. General characters of cestodes
6. Stool concentration techniques
7. Life cycle of *Schistosoma haematobium*
8. Life cycle of hook worm
9. Slow viral diseases
10. Hepatitis B markers
11. Polio vaccines
12. Interferons

SHORT ANSWERS

10 X 3 = 30 Marks

13. Dimorphic fungi
14. *Rhinosporidium*
15. *Aspergillus*
16. *Cysticercus cellulosae*
17. QBC test for malaria
18. *Enterobius vermicularis*
19. Draw *Giardia lamblia* trophozoite and cyst
20. Negri bodies
21. Draw and label influenza virus
22. Western - Blot test for HIV