

# 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 II)**

**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. Classify Picorna viruses. Describe the pathogenesis and laboratory diagnosis of Poliomyelitis. (2+4+4 = 10 marks)
2. Enumerate Cestodes of medical importance. Describe the morphology, life cycle, pathogenicity and laboratory diagnosis of Taenia solium. (2+2+2+2+2 = 10 marks)

### **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Hepatitis B vaccine
4. Dermatophytes
5. Chicken Pox
6. Life cycle of Plasmodium Vivax
7. Cryptococcus neoformans
8. Clinical manifestations and laboratory diagnosis of Dengue fever
9. Trichomonas Vaginalis
10. Life cycle of Hookworm
11. Kyasanur Forest Disease
12. Laboratory diagnosis of Rabies

### **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Germ Tube Technique
14. MMR vaccine
15. NIH swab
16. Viral interference
17. Viral Cytopathic Effect (CPE)
18. Larva Currens
19. Paul Bunnell Test
20. Enumerate three Opportunistic Fungal Infections.
21. List three Antiviral Agents.
22. KOH mount

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