

**Rajiv Gandhi University of Health Sciences, Karnataka****II Year B. Sc. (M.L.T) Degree Examination – MAR/APR 2017****Time: Three Hours****Max. Marks: 80 Marks****MICROBIOLOGY – II (RS-2)****Q.P. CODE: 1232**

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

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Discuss in detail the laboratory diagnosis of fungal infections
2. Describe the morphology, life cycle, pathogenicity and laboratory diagnosis of *Ancylostoma duodenale*
3. Classify Herpes viruses. Mention their general characteristics. Add a brief note on herpes simplex virus.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Subcutaneous mycoses
5. Classify fungus based on morphology
6. Hydatid cyst
7. Life cycle and clinical manifestations of *Fasciola hepatica*
8. Life cycle of *Strongyloides stercoralis*
9. MMR vaccine
10. Laboratory diagnosis of rabies
11. Opportunistic infections in Acquired Immunodeficiency Syndrome

SHORT ANSWERS (Answer any Ten)**10 x 3 = 30 Marks**

12. Malsezzia furfur
13. Name the parts of the body that can be infected by *Trichophyton*
14. Anchovy-sauce pus
15. Quantitative buffy coat test
16. Define definitive host. Give two examples
17. Microfilaria of *Wuchereria bancrofti*
18. Larva migrans
19. Give three examples of bile stained ova
20. Oral polio vaccine
21. Hepatitis B surface antigen
22. Name any three oncogenic RNA viruses
23. Cytopathic effect
