

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - MARCH-2018

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – Paper III (RS-3 Scheme)

Q.P. CODE: 3160

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Enumerate the Antigen-antibody reactions. Explain the principle, procedure and application of ELISA.
2. Name the opportunistic mycosis. Explain candidiasis in detail.
3. Classify the human herpes viruses. Give a detail account of herpes simplex virus.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Laboratory diagnosis of viral infections
5. Hepatitis A virus
6. Cytopathic effects
7. Blastomycosis
8. Major histocompatibility complex
9. Ig G
10. Monoclonal antibodies
11. Biological effects of complement

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Name any three viruses causing Haemorrhagic fever.
13. Name six antifungal agents.
14. Carriers
15. Herd immunity
16. Contact dermatitis
17. Graft versus host reactions
18. Negri bodies
19. Pulse polio vaccination
20. Draw a neat diagram of HIV. Name the antigens.
21. Name the dermatophytes with a neat diagram.
22. Type III Hypersensitivity
23. Natural killer cells
