

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - SEP 2016

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. Classify Immunity. Discuss in detail about innate immunity.
2. List the etiological agents of viral hepatitis. Explain the morphology, pathogenesis and laboratory diagnosis of Hepatitis B virus.
3. Enumerate the Superficial mycoses. Explain the pathogenicity and laboratory diagnosis of dermatophytes.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Prophylaxis of Polio
5. Pathogenicity and laboratory diagnosis of Histoplasma capsulatum
6. Anaphylaxis
7. Pathogenicity and laboratory diagnosis of Dengue fever
8. Structure of Immunoglobulin
9. General properties of viruses
10. Define autoimmunity. Explain the mechanism of autoimmunity.
11. Laboratory diagnosis of Human Immunodeficiency Virus

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Super Antigens
13. Negri Bodies
14. Morphology of Mucor
15. Antigenic drift in influenza virus
16. Name 3 oncogenic viruses
17. Name 3 culture media used for isolation of fungi
18. Name 3 Antigen-Antibody reactions
19. Chick embryo and its use
20. Name 3 opportunistic mycosis
21. Name 3 viruses causing diarrhoea
22. Name 3 immunodeficiency disease
23. Name 3 RNA virus
