



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.N.Y.S Degree Examination – June 2014

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY
Q.P. CODE: 2509

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write about the pathogenesis and laboratory diagnosis of poliomyelitis.
2. Define and classify immunity. Write in detail about innate immunity.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Bacterial growth curve
4. Immediate hypersensitivity
5. Candidiasis
6. Write about the procedure and interpretation of Mantoux test
7. Passive immunity
8. Transduction
9. Pyogenic infections
10. Vaccines

SHORT ANSWERS

10 x 2 = 20 Marks

11. Define toxoid and give two examples for it.
12. Name the toxins produced by *Staphylococcus aureus*.
13. Structure of IgG
14. Name the causative agents of (a) gas gangrene (b) diphtheria.
15. List four autoimmune diseases.
16. Name four malarial parasites.
17. Mention the holding time and temperature of autoclave.
18. Draw a neat, labeled diagram of bacterial spore.
19. Mention two causative agents of myeloma.
20. Name two selective media.
