

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)

Q.P. CODE: 1759

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. Define and classify Hypersensitivity. Discuss in detail about Anaphylaxis.
2. Describe the morphology, culture, pathogenesis, lab diagnosis and prophylaxis of *Corynebacterium diphtheriae*
3. Define infection and classify different infections. Discuss in detail about hospital borne infection their development and control

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. VDRL test
5. HIV – diagram, modes of transmission and AIDS
6. Bacterial spore – diagram and description
7. Hanging Drop preparation
8. *Candida albicans*
9. *Ancylostoma duodenale* – life cycle, clinical features and treatment
10. Laboratory diagnosis of pulmonary tuberculosis
11. Negative staining – principle and procedure
12. Cultivation of viruses

SHORT ANSWERS

10 x 2 = 20 Marks

13. Write any two transport media
14. Name any two infectious wastes
15. Mention any two uses of ELISA
16. Name any two biological vectors
17. Pasteurization
18. VDRL test
19. Name two non bile stained eggs
20. Name the symmetry of Viruses
21. Name any two live viral vaccines
22. Define immunity