

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – OCT - 2017

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 culture media. Explain about enriched media or transport media or selective media or differential media.
2. Classify mycobacterium. Explain in detail about morphology, pathogenesis and laboratory diagnosis of pulmonary tuberculosis.
3. What is enteric fever? Write about the pathogenesis and lab diagnosis of typhoid fever.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Candida albicans or candidiasis
5. Immunoglobulin
6. Antibiotic sensitivity test
7. Rabies vaccine
8. Bacterial growth curve
9. Contribution of Louis Pasteur
10. Bacterial spore
11. Laboratory diagnosis of Corynebacteria diphtheria.
12. Widal test

SHORT ANSWERS

10 x 2 = 20 Marks

13. Name live vaccine.
14. Name four types of diarrhoea caused by E. Coli.
15. Name four DNA virus and RNA viruses.
16. Name four zoonotic infections.
17. Pasteurization
18. Name the method of treatment of biomedical waste.
19. Name any four transport media.
20. Hanging drop method
21. Draw a neat labeled diagram of a spore.
22. Gram staining procedure.
