

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B.Sc. Nursing Degree Examination – SEP-2018

**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 disinfectants. Mention general rules for use of disinfectants. Describe disinfectant of surfaces.
2. Define and classify Immunity. Write about acquired Immunity.
3. Classify Mycobacteria. Discuss the pathogenesis and laboratory diagnosis of pulmonary tuberculosis.

**SHORT ESSAYS (Answer any Seven)****7 x 5 = 35 Marks**

4. Bacterial spore.
5. Prophylaxis of poliomyelitis.
6. Infections caused by Staphylococci aureus.
7. Laboratory diagnosis of bacterial meningitis.
8. Dermatophytosis.
9. Universal Precautions.
10. Cultivation of viruses.
11. Anaerobic method of cultivation.
12. Life-cycle of Ascaris lumbricoides.

**SHORT ANSWERS****10 x 2 = 20 Marks**

13. Bacterial capsule
14. Define bacteremia and septicaemia.
15. Draw a neat labeled diagram of Immunoglobulin-A (IgA).
16. Name two specific diagnostic tests for syphilis.
17. Draw a neat labeled diagram of trophozoite of Giardia lamblia.
18. Name four DNA viruses.
19. Name any four disinfectant agents.
20. Mention four contributions of Louis Pasteur.
21. Name four Zoonotic diseases.
22. Name two bacterial sexually transmitted diseases.

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