

**Rajiv Gandhi University of Health Sciences, Karnataka**  
I Year B.Sc. Nursing (PC) Degree Examination – OCT - 2017

**Time: Three Hours**

**Max. Marks: 75 Marks**

**MICROBIOLOGY**  
**(RS-3 & RS-4)**

**Q.P. CODE: 1735**

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. Describe the pathogenesis, clinical features and laboratory diagnosis of enteric fever
2. Describe the morphology, pathogenesis and laboratory diagnosis of Entamoeba histolytica
3. Define immunity classify immunity write in detail about innate immunity

**SHORT ESSAYS (Answer any Seven)**

**7 x 5 = 35 Marks**

4. Viral multiplication
5. Differential media with examples
6. Types IV hypersensitivity
7. Bacterial filters
8. VDRL test
9. Life cycle of Ascaris lumbricoides
10. Acid - fast staining
11. Prophylaxis of Rabies
12. Lab diagnosis of pulmonary tuberculosis

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

13. Draw a neat labelled diagram of HIV virus
14. Mention any two RNA viruses
15. Name 2 gram positive and 2 gram negative bacteria
16. Name the antibodies
17. MMR vaccine
18. Name any two wound infection causing bacteria
19. Mention any two bacterial sexually transmitted diseases
20. Draw a neat labelled diagram of Giardia intestinalis
21. Mention any two urinary tract infections causing bacteria
22. Name any two viral sexually transmitted diseases

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