

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B.Sc. (Nursing - Basic) Degree Examination – MAY 2016

**Time: Three Hours****Max. Marks: 80 Marks**

### MICROBIOLOGY (Revised Scheme)

### **Q.P. CODE: 1681**

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. What is the causative agent of typhoid fever? Discuss in detail the laboratory diagnosis and immunoprophylaxis in typhoid fever
2. Write in detail on the life cycle and laboratory diagnosis of Taenia solium infestation in man
3. Write in detail on the morphology, pathogenesis and laboratory diagnosis of polio myelitis

**SHORT ESSAYS (Answer any Eight)****8 x 5 = 40 Marks**

4. Type I hypersensitivity
5. Hot air oven
6. Immunoglobulin 'G'
7. Agglutination reaction
8. Staphylococcus aureus
9. Rubella
10. C. albicans
11. Giardia Lamblia
12. Acid fast staining
13. Prophylaxis of rabies

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

14. Robert Koch
15. Draw Trichomonas vaginalis
16. Name 2 opportunistic fungal infections
17. Define anaerobic bacteria with an example
18. Membrane filters
19. Define enrichment media with an example
20. Name four bacteria causing food poisoning
21. Widal test
22. Define Zoonosis with an example.
23. VDRL test

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