

# Rajiv Gandhi University of Health Sciences

## Second Year B.Sc. (Nursing) (Basic) Degree Examination – May 2007

[Time: 3 Hrs.]

[Max. Marks : 80]

### **MICROBIOLOGY AND PARASITOLOGY (Old Scheme)**

QP Code: 1658

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

#### **LONG ESSAY (Answer any TWO)**

**2 X 10 = 20 Marks**

1. Discuss the morphology, cultural characters and laboratory diagnosis of vibrio cholerae
2. Define and classify Immunity. Discuss briefly innate Immunity
3. Describe the morphology of hepatitis B virus with a diagram. How is this infection transmitted? What are the methods to prevent its spread in the community?

#### **SHORT ESSAY (Answer any EIGHT)**

**8 X 5 = 40 Marks**

4. Vaccines and Immunisation schedule
5. Zoonosis
6. Life cycle of *Ascaris lumbricoides*
7. Sexually transmitted diseases
8. Coomb's test
9. Auto clave
10. Post Streptococcal Sequelae
11. Antibiotic sensitivity test
12. Cryptococcus
13. Bacterial growth curve

#### **SHORT ANSWERS**

**10 X 2 = 20 Marks**

14. How do you cultivate fungus?
15. IgG
16. Iatrogenic infection
17. Gram's stain
18. Rhino sporidiasis
19. Give two examples of bile stained ova
20. Plasmids
21. Blood agar
22. Tyndallization
23. Casoni's test

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