# Rajiv Gandhi University of Health Sciences, Karnataka

## 1 Year B.Sc. Nursing Degree Examination – Aug 2013

**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

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**LONG ESSAYS (Answer any Two)** **2 x 10 = 20 Marks**

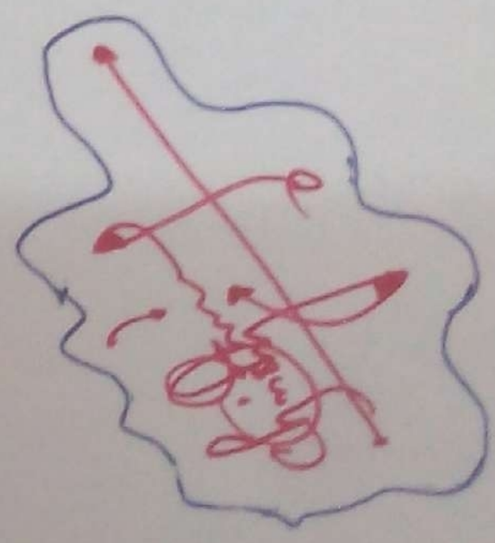
1. Define and classify sterilization. Give an account of moist heat sterilization.
2. Classify viruses. Discuss in detail cultivation of viruses.
3. Describe the morphology, lifecycle, pathogenicity and laboratory diagnosis of Entamoeba histolytica.

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

4. Bacterial growth curve
5. Laboratory diagnosis of enteric fever
6. Acquired immunity
7. Anaphylaxis
8. Dermatophytes
9. Laboratory diagnosis of HIV infection
10. Examination of stool for parasitic infections
11. Nosocomial infection
12. Antibiotic sensitivity testing

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

13. Name two zoonotic diseases.
14. Draw a neat, labeled diagram of Immunoglobulin M (IgM).
15. Give two examples of selective media.
16. Name two methods of Pasteurisation.
17. DPT vaccine
18. Oral thrush
19. Name two viruses causing diarrhea.
20. Draw a neat, labeled diagram of hookworm ova.
21. Name two bacterial exotoxins.
22. VDRL test



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