

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – Mar 2013

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)

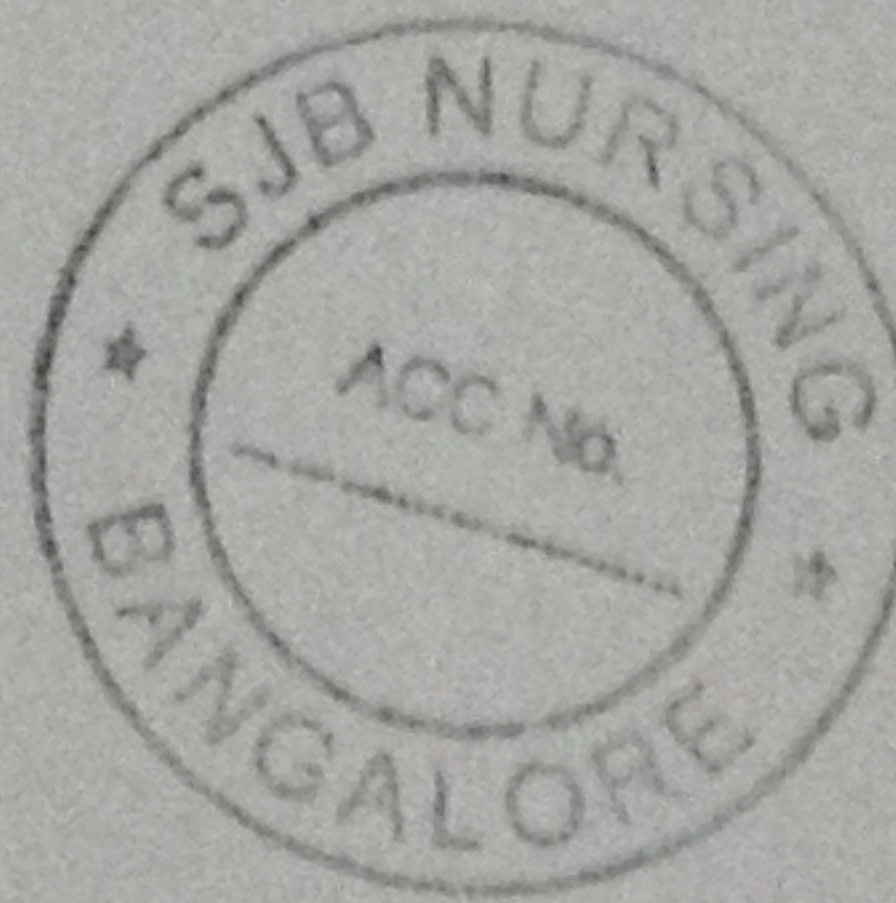
2 x 10 = 20 Marks

1. Define and classify immunity. Discuss in detail active immunity.
2. Define nosocomial infection. Enumerate the bacteria causing nosocomial infections and the steps taken to control such infections.
3. Describe the life cycle of *Entamoeba histolytica*. Discuss the laboratory diagnosis of intestinal amoebiasis.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Rabies prophylaxis
5. Immunoglobulin M (IgM)
6. *Candida albicans*
7. Bacterial spore
8. Laboratory diagnosis of malaria
9. Autoclave
10. ELISA
11. Laboratory diagnosis of Syphilis
12. Food poisoning



SHORT ANSWERS

10 x 2 = 20 Marks

13. Name two sexually transmitted infections
14. Define biological vector. Name one bacterial infection transmitted by them.
15. Name two gaseous disinfectants
16. Define selective media. Give one example.
17. Name four species of malarial parasites.
18. Draw a neat, labeled diagram of fertilized egg of *Ascaris lumbricoides*.
19. Write two contributions of Louis Pasteur.
20. BCG vaccine
21. Draw a neat, labeled diagram of Influenza virus.
22. Name two DNA viruses.
