

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing (PC) Degree Examination – September 2014

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)**

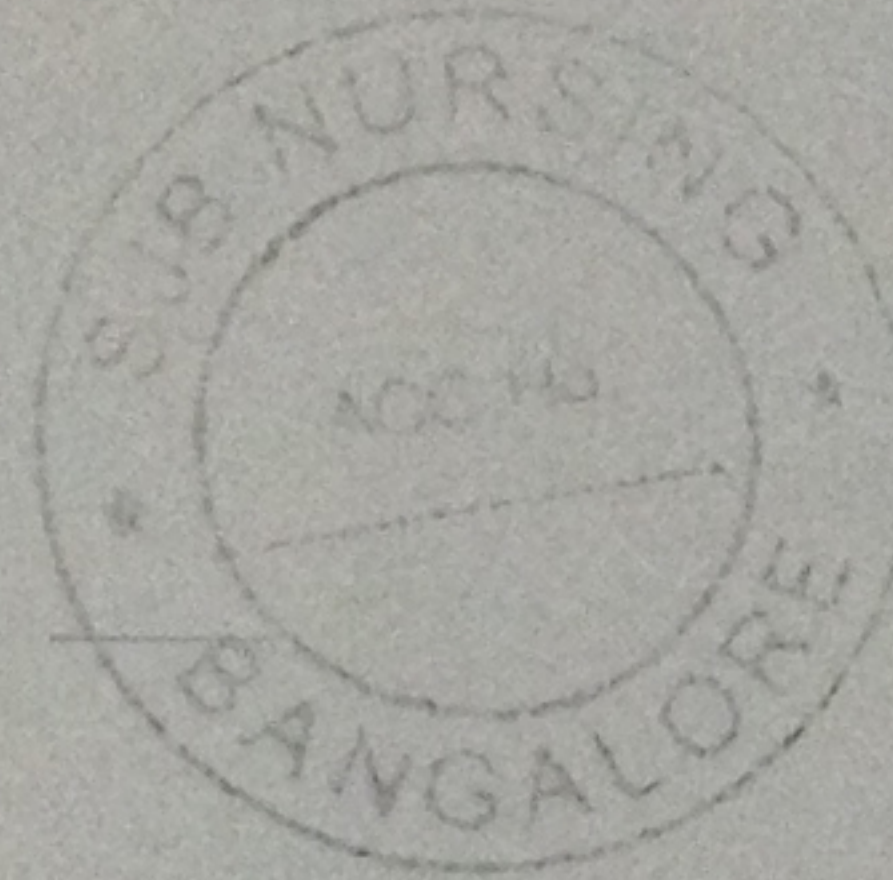
**2 x 10 = 20 Marks**

1. Describe the morphology of a bacterial cell with a neat, labeled diagram.
2. Describe the pathogenicity and laboratory diagnosis of cholera.
3. Describe the various methods of cultivation of viruses.

**SHORT ESSAYS (Answer any Seven)**

**7 x 5 = 35 Marks**

4. Prophylaxis for tetanus
5. Hot air oven
6. Acquired immunity
7. Laboratory diagnosis of diphtheria
8. Anaphylaxis
9. Dermatophytes
10. Laboratory diagnosis of HIV infection
11. Life cycle of plasmodium vivax in man
12. Nosocomial infection



**SHORT ANSWERS**

**10 x 2 = 20 Marks**

13. Mantoux test
14. Draw a neat, labeled diagram of Hepatitis B virus.
15. Name two bacteria causing food poisoning.
16. What is a biological indicator of sterilization? Give an example.
17. Write the steps of Gram's staining.
18. Define an antigen.
19. Draw a neat, labeled diagram of trophozoite of entamoeba histolytica.
20. Name two parasites transmitted through oral route.
21. VDRL test
22. Name two bile stained eggs.

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