

**Rajiv Gandhi University of Health Sciences, Karnataka**  
I Year B.Sc. Nursing Degree Examination – Sep 2012

**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

**LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Draw a neat labeled diagram of Bacterial Cell. Write about bacterial flagella?
2. Enumerate the causes of Diarrhoea and write the laboratory diagnosis of Cholera.
3. Discuss the source & mode of transmission of hospital acquired infection and add a note on preventive measures

**SHORT ESSAYS (Answer any Seven)**

**7 x 5 = 35 Marks**

4. Agglutination reaction.
5. Polio vaccine
6. Bacterial growth curve.
7. Anti-rabies vaccine.
8. Prophylaxis of Tetanus.
9. Laboratory diagnosis of HIV.
10. Oral thrush.
11. Life cycle of Plasmodium falciparum.
12. Anaphylaxis.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

13. Name two gaseous disinfectants.
14. Acid fast staining.
15. Define selective media. Give an example.
16. Mention Four differences between active and passive immunity.
17. Name FOUR congenitally transmitted infections.
18. DPT vaccine.
19. Draw a neat labeled diagram of IgM molecule.
20. VDRL test.
21. Name FOUR intestinal Nematodes.
22. Mention Four contributions of Robert Koch to Microbiology.

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