

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. Nursing Degree Examination – SEP 2016

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. Define infection. Describe the factors predisposing to microbial pathogenicity.
2. Name the Hepatitis viruses. Write on Hepatitis B viruses.
3. Discuss the pathogenicity, laboratory diagnosis and prophylaxis of coryne bacterium Diphtheria.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Bacterial flagella
5. Autoclave
6. Immunoglobulin
7. Laboratory diagnosis of Syphilis
8. Blood culture for typhoid fever.
9. Prophylaxis of Rabies
10. Life cycle of *Ascaris lumbricoides*
11. Type I hypersensitivity
12. Laboratory diagnosis of Amoebiasis

SHORT ANSWERS

10 x 2 = 20 Marks

13. Draw a neat, labeled diagram of bacterial spore.
14. Fumigation
15. BCG Vaccine
16. Name two bacteria associated with urinary tract infection.
17. Draw a neat, labeled diagram of *Giardia intestinalis*.
18. Define selective media with an example.
19. Define iatrogenic infection.
20. Name two Dermatophytes.
21. Define Nosocomial infection
22. Name four species of malarial parasites.
