

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Mention the various Malarial parasites. Describe the life cycle and laboratory diagnosis of Plasmodium Falciparum
2. Define and classify immunity. Discuss the various mechanisms of innate immunity
3. Enumerate various sexually transmitted diseases and their causative agents. Describe in detail the laboratory diagnosis of syphilis

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Bacterial spore
5. Antiseptics and disinfectants
6. Structure of an immunoglobulin
7. Widal test
8. Exotoxins and endotoxins
9. B.C.G
10. Universal precautions
11. Life cycle of Ancylostoma duodenale
12. Prophylaxis of Poliomyelitis

SHORT ANSWERS

10 x 2 = 20 Marks

13. Mention two Anaerobic culture media
14. Gram's Stain
15. Name two bacteria causing nosocomial infection
16. Draw a neat labeled diagram of bacterial growth curve
17. Name two Post-Streptococcal complications
18. Name the Bacteria causing Gas gangrene
19. MMR Vaccine
20. Draw a neat labeled diagram of trophozoite of Giardia Lambliia
21. Mention two somatic nematodes
22. Name two subcutaneous mycosis
