

I Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours**Max. Marks: 100 Marks****MICROBIOLOGY (RS - 2)****Q.P. CODE: 1752**

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Any Two)**2 x 10 = 20 Marks**

1. Define and classify sterilization. Discuss about moist heat sterilization
2. Define and classify Hypersensitivity. Discuss about types I hypersensitivity
3. Define Nosocomial infection. Enumerate factors contributing to the occurrence and severity of the Nosocomial infection. Add a note on diagnosis and control of Nosocomial infections

SHORT ESSAYS (Any Ten)**10 x 5 = 50 Marks**

4. Bacterial cell wall
5. Enriched media
6. Universal precautions
7. Laboratory diagnosis of syphilis
8. ELISA
9. Subcutaneous mycoses
10. Amoebiasis
11. Discuss laboratory monitoring of HIV infection
12. Laboratory diagnosis of pulmonary tuberculosis
13. Aseptic measures in operation theatre
14. Hospital infection control committee
15. Gram stain

SHORT ANSWERS**10 x 3 = 30 Marks**

16. B C C vaccine
17. What is VDRL test? Mention 4 sexually transmitted diseases
18. What is Food poisoning? Mention 4 bacterial causing food poisoning
19. What is lawn culture? Name any 4 biochemical tests to identify bacteria
20. What is black water fever? Mention 4 species of malarial parasites
21. What is Herd immunity? Mention 4 viral vaccines
22. Mention any 4 contributions of Louis Pasteur
23. What is Histoplasmosis? Mention four fungi causing systemic mycoses
24. Discuss the laboratory diagnosis of urinary tract infections
25. Discuss the prophylaxis of diphtheria
