

First year B.Sc. Nursing (PC) Degree Examination – August 2010

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

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. Classify streptococci. Discuss the pathogenicity laboratory diagnosis of infection caused by (streptococcus pyogenes) group of hemolytic streptococci
2. Classify immunity. Discuss in detail innate immunity
3. Write the pathogenesis laboratory diagnosis and prophylaxis of rabies

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Typhoid
5. *Neisseria gonorrhoea*
6. Life cycle of *ascaris lumbricoides*
7. Lab diagnosis of diphtheria
8. Larva migrans
9. Urinary tract infection
10. Blood culture
11. Methicillin *staphylococcus aureus*
12. Precipitation reaction
13. Coagulase test

SHORT ANSWERS

10 x 2 = 20 Marks

14. Capsule
15. Satellitism
16. IgG
17. Blood agar
18. Dimorphic fungi
19. Hospital infections
20. Agglutination test
21. Koch's postulates
22. Tumour antigens
23. Name 4 rickettsial disease
