

I Year B.Sc. Nursing (PC) Degree Examination – Aug / Sep 2011

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY
(RS-3 & RS-4)

Q.P. CODE: 1735

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 and classify sterilization, discuss in detail the autoclave
2. Classify enterobacteriaceae. Discuss the morphology and laboratory diagnosis of typhoid fever
3. Define and classify hypersensitivity. Discuss in detail type IV hypersensitivity reaction

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Grams stain
5. L J media
6. Hospital infection
7. Bacterial spore
8. Laboratory diagnosis of diphtheria
9. MMR
10. Laboratory diagnosis of HIV
11. Candida albicans
12. Cultivation of viruses

SHORT ANSWERS

10 x 2 = 20 Marks

13. Prophylaxis of rabies
14. Name four bacteria causing food poisoning
15. State four contributions of Robert Koch
16. Name four organisms causing UTI
17. Name four toxins of streptococci
18. Name two gaseous disinfectants
19. Name two blood parasites
20. Name two bile stained Ova
21. IGA
22. Indole test
