

I Year B.Sc. (Nursing - Basic) Degree Examination – Feb / Mar 2012

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1681

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. Name the etiologic agent of cholera. Write in detail on the pathogenesis and laboratory diagnosis of cholera
2. Define and classify hypersensitivity. Write in detail on Type I hypersensitivity
3. Name the malarial parasites. Describe the life cycle and laboratory diagnosis of any one of them

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Gas gangrene
5. Food poisoning
6. Pneumococci
7. Blood culture
8. Relapsing fever
9. Use of Embryonated egg in virology
10. Hepatitis B virus
11. Balantidium coli
12. Trichinella spiralis
13. Candida albicans

SHORT ANSWERS

10 x 2 = 20 Marks

14. Name 2 bacteria causing diarrhea
15. Antibiotic sensitivity test
16. Phagocytosis
17. Structure of IgG
18. Name 2 bacterial zoonotic diseases
19. Flagella
20. Log phase of bacterial growth
21. Tyndallisation
22. DPT vaccine
23. Name 2 bacteria causing nosocomial infections
