

[LC 1014]

FEBRUARY 2013

Sub. Code: 4705

B.Sc (Nursing) DEGREE EXAMINATION

(New Regulations for the candidates admitted from 2006-07 onwards)

First Year

Paper V – MICROBIOLOGY

Q.P. Code : 664705

Time : Three hours

Maximum : 100 marks

I. Essays:

(2x20=40)

1. Define immunity and describe in detail the types of immunity
2. Define prokaryote and add a note on the factors affecting bacterial growth

II. Write Short Notes on :

(8x5=40)

1. Acid fast staining
2. Joseph Lister
3. Aspergillosis
4. Differential media
5. Hospital acquired infection
6. Autoclave
7. Mention the principles of an antigen
8. Draw a neat labeled diagram of a typical bacterial cell.

III. Short Answer Questions:

(10x2=20)

1. Four differences between active and passive immunity
2. Give at least two prophylactic methods to prevent dengue fever
3. Mention four properties of a chemical sterilant
4. List out the contributions of Alexander Fleming
5. Give four causative agents of Diarrheal infection
6. Give the immunization schedule for Polio and typhoid
7. Write four applications of microbiology in the field of nursing.
8. Define cold sterilization method
9. Mention the names of the reagents used for gram staining
10. Define agglutination and precipitation
