

February 2011

[KY 1014]

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 : 75 marks

Answer All questions.

I. Essays:

(2X15=30)

1. Define Sterilization. Discuss in detail the different methods of dry heat sterilization.
2. Classify hypersensitivity. Discuss in detail Type I hypersensitivity.

II. Write Short Notes on :

(5X 5 = 25)

1. Bacterial growth curve.
2. Flagella.
3. Candida.
4. Widal Test.
5. Hospital infection control programme.

III. Short Answer Questions:

(10X 2 = 20)

1. List the characteristics of passive Immunity.
2. Define precipitation. Give examples.
3. List the contributions of Joseph Lister.
4. Mention four species of plasmodia causing malaria.
5. Name two fungi causing skin infection.
6. Give two example of Type III hypersensitivity.
7. Mention two antiseptic solutions with their recommended concentration.
8. Enumerate four intestinal nematode.
9. Name two diseases acquired through the bite of Aedes aegypti mosquito.
10. List four complication of Diphtheria.
