

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

I. Elaborate on:

(2 x 15 = 30)

1. Describe the morphological features, clinical manifestation and diagnostic methods for *Corynebacterium diphtheriae*. Give a short account of Immunisation for diphtheria.
2. Define and classify hypersensitivity. Write about the anaphylactic reaction and its mechanism in detail.

II. Write notes on:

(5 x 5 = 25)

1. Bio-medical Waste Management.
2. Laboratory diagnosis of Malaria.
3. Disinfectants.
4. Agglutination.
5. Amoebiasis.

III. Short answers on:

(10 x 2 = 20)

1. What is significant bacteriuria?
2. Define Latent infection with example.
3. Enumerate four killed vaccines.
4. What are the functions of the structure Pili in bacteria?
5. List four organisms causing Urinary tract Infection.
6. What is anaerobic media? Give example.
7. Name two toxins produced by *Staphylococcus*.
8. Name the various classes of Immunoglobulins.
9. What are the target cells and receptors for HIV?
10. Name four dermatophytic fungi.
