

February 2012

[LA 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. Elaborate on :

(2X15=30)

1. Classify Mycobacteria. Write in detail the morphology, cultural characters, pathogenesis and Lab diagnosis of Mycobacterium Tuberculosis.
2. List the bacteria that cause Diarrhoea. Discuss in detail the lab diagnosis of Cholera.

II. Write notes on :

(5X 5 = 25)

1. Tyndalisation.
2. Acid fast staining.
3. Round worm.
4. Herpes virus.
5. Hospital borne Infections.

III. Short Answer:

(10X 2 = 20)

1. Mention the Toxins produced by Streptococcus pyogenes.
2. Enumerate four Live vaccines.
3. What is Zoonosis? Give two examples.
4. Define Agglutination. Give examples.
5. List the characteristics of Active immunity.
6. Name two systemic fungal infections.
7. Mention four stages of life cycle of Plasmodium vivax.
8. Mention four different chemical methods of Sterilization.
9. Enumerate two blood flukes.
10. Name four viruses causing Haemorrhagic fever.
