

August 2011

[KZ 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 : 100 marks

Answer All questions.

I. Essays: (2X20=40)

1. Write in detail about the bacterial anatomy with suitable diagram.
2. Name the bacterial agents causing pyrexia of unknown origin. Write pathogenesis and laboratory diagnosis of enteric fever.

II. Write Short Notes on : (8X 5 = 40)

1. Laboratory diagnosis of urinary tract infection.
2. Bacterial capsule.
3. Hook worm infestation.
4. Protocol for safe blood transfusion.
5. Prophylaxis of Rabies.
6. Immunization schedule.
7. Swine flu.
8. Toxic shock syndrome.

III. Short Answer Questions: (10X 2 = 20)

1. Koch's postulates.
2. Fluorescent microscope.
3. Grains stain.
4. Tantalization.
5. MMR.
6. Dengue fever.
7. List four opportunistic infections typically associated with HIV infection.
8. Malignant pustule.
9. BCG.
10. Name four dermatophytic fungi.
