

[LG 1014]

FEBRUARY 2015

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****I. Elaborate on:****(2 x 15 = 30)**

1. Classify bacteria. Describe the structure of a bacterial cell with a neat diagram.
2. Enumerate various causes of food poisoning. Describe the pathogenesis and laboratory diagnosis of *Vibrio Cholerae* infection.

II. Write notes on:**(5 x 5 = 25)**

1. Antibiotic susceptibility testing
2. Prophylaxis of rabies
3. Amoebic dysentery
4. Prophylaxis of tetanus
5. Gram staining

III. Short answers on:**(10 x 2 = 20)**

1. What are opportunistic mycoses? Name two opportunistic fungi.
2. List the characteristics of passive immunity.
3. What is an enriched media? Give example.
4. Define tyndallisation.
5. Name four viruses which are transmitted by blood.
6. Name four methods for disposal of biomedical waste.
7. What is Black water fever?
8. Name two antiseptics.
9. Name four organisms causing nosocomial infection.
10. What is anaphylaxis?
