

[LL 1014]

AUGUST 2017

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. Define and classify hypersensitivity. Write about type IV hypersensitivity in detail.
2. Classify bacteria. Write in detail about various structures of bacterial cell.

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

1. Contributions of Louis Pasteur.
2. Gram staining.
3. Source and mode of transmission of infection.
4. Transport media.
5. Immunization schedule.

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

1. Contributions of Alexander Fleming.
2. Mention two uses of pasteurization.
3. What is Zoonotic infection? Give examples.
4. Black water fever.
5. Define nosocomial infection.
6. Name two types of filters used for sterilization.
7. Mention four species of plasmodium causing malaria.
8. Name four opportunistic fungi.
9. Antigen.
10. Enumerate four live vaccines.
