

[LJ 1014]

AUGUST 2016

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 antigen & antibody reactions. Describe in detail the agglutination tests and its uses in the laboratory diagnosis.
2. Write about the morphology, laboratory diagnosis, treatment and prophylaxis of Hepatitis B virus.

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

1. Robert Koch.
2. Difference between active & passive immunity.
3. Lab diagnosis of urinary tract infections.
4. Candidiasis.
5. Enriched media.

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

1. Candle filters.
2. Convalescent carrier.
3. Toxic shock syndrome.
4. Mention any four microorganisms causing pneumonia.
5. Coagulase test.
6. Western blot test.
7. KOH wet mount.
8. Mention any two species of Aspergillus.
9. Negri bodies.
10. Normal flora.
