

First Year B.Sc Nursing Degree Supplementary Examinations
May (November), 2020

Microbiology

(2016 Scheme)

Time: 3 Hrs

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essay:

(12)

1. Define disinfection and name various types of disinfectants. Discuss the role of halogens in chemical disinfection and add a note in the disinfection of operation theatre.(1+2+6+3)

Short essays:

(2x7=14)

2. Discuss the morphology, modes of transmission and laboratory diagnosis of hepatitis B virus (1+2+4)
3. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis (2+5)

Short notes:

(5x5=25)

4. Laboratory diagnosis of dengue
5. Immunoprophylaxis of tetanus
6. Autoclave
7. Enterobius vermicularis
8. Collection and transport of specimen in cholera

Answer briefly:

(3x4=12)

9. Type I hypersensitivity
10. Cryptococcus neoformans
11. Disposal of sharps

Differentiate between:

(3x4=12)

12. Flagella and fimbria
13. T cell and B cell
14. Live and killed vaccines