

First Year B.Sc Nursing Degree Supplementary Examinations April 2019

Microbiology

(2016 Scheme)

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essay:

(12)

1. Name the blood borne micro-organisms. List the blood borne virus infections. Describe the morphology of hepatitis B, modes of spread, laboratory diagnosis and prevention of hepatitis B infection. **(2+2+8)**

Short essays:

(2x7=14)

2. Classify disinfectants and name the chemical agents used for skin antisepsis. Describe the steps of performing hand hygiene. **(2+2+3)**
3. Describe briefly the laboratory diagnosis of pulmonary tuberculosis.

Short notes:

(5x5=25)

4. Anaphylaxis
5. Dengue fever and its complications
6. Role of central sterile supplies department in a hospital.
7. Opportunistic infections in AIDS
8. Catheter associated urinary tract infection

Answer briefly:

(3x4=12)

9. MMR vaccine
10. Post exposure prophylaxis after a needle stick injury.
11. Falciparum malaria

Differentiate between:

(3x4=12)

12. Active and passive immunity
13. Immunoglobulin M (IgM) and IgG
14. Oral polio vaccine and injectable polio vaccine
