

2010 Scheme

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Supplementary Examinations July 2022

Microbiology

Time: 3 Hours

Total 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:

(2x10=20)

1. Describe the pathogenesis, laboratory diagnosis and preventive measures of enteric fever. (3+5+2)
2. Describe the methods of transmission and laboratory diagnosis of HIV. Add a note on post exposure prophylaxis. (2+5+3)

Short notes:

(8x5=40)

3. List the Chemical disinfectants used in hospital. Explain the uses of each.
4. Classify Hypersensitivity reactions. Describe the mechanism of type I hypersensitivity.
5. Enumerate the agents causing food poisoning. Write a note on collection and transportation of samples to the laboratory
6. Anti-microbial susceptibility testing.
7. Define mycoses and classify
8. Rota virus.
9. Acquired immunity
10. Draw and label bacterial flagella, discuss briefly about hanging drop method.

Answer briefly:

(5x3=15)

11. BCG vaccine
12. Metachromatic granules.
13. Application of sterilization with steam under pressure.
14. Negative staining
15. Biological Indicator
