

2010 Scheme

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Regular/Supplementary Examinations August 2021

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. Explain in detail about the role of nursing staff in Hospital acquired infection **(5+5)**
2. Tabulate any five microbial infections with its etiology, mode of transmission, organs affected, diagnosis, treatment and prophylaxis **(2+2+2+2+2)**

Short notes:

(8x5=40)

3. Personal protective equipments
4. Laboratory diagnosis of hepatitis B infection.
5. Classify microbes based on oxygen requirement giving two examples to each.
6. Define transport media. Give two examples with uses. **(1+4)**
7. Mycobacterium tuberculosis
8. Significant bacteriuria.
9. Opportunistic infections in AIDS
10. Describe in detail the infections produced and laboratory diagnosis of streptococcus pyogenes infection.

Answer briefly:

(5x3=15)

11. Any three differences of typhoid and dengue fever
12. Define Antisepsis give 2 examples.
13. Name three viruses causing diarrhea
14. Immunoglobulin M (IgM)
15. Oral polio vaccine (OPV)
