

QP CODE: 111011

Reg. No:.....

First Year Post Basic B.Sc Nursing Supplementary Examinations
May 2023

Microbiology

(2016 Scheme)

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

Long Essay: (12)

1. Define biomedical waste. Mention the different categories of hospital waste. Write down the general principles of hospital waste management. (2+4+6)

Short Essays: (2x7=14)

2. Enumerate the causative agents of enteric fever. Discuss the laboratory diagnosis of enteric fever. Mention the preventive measures for enteric fever. (1+4+2)
3. Name the different types of antigen-antibody reactions. Write a note on agglutination reaction with suitable examples. (2+5)

Write short notes on: (5x5=25)

4. Hand hygiene
5. Collection and transport of urine sample for bacterial culture
6. Hepatitis B virus
7. Mycetoma
8. Cerebral malaria

Answer briefly: (4x4=16)

9. Prophylactic measures for tetanus
10. Enriched media
11. IgA antibody
12. VDRL test

Differentiate between (2x4=8)

13. Mutational and Transferable drug resistance
14. Amoebic dysentery and Bacillary dysentery
