

28 AUG 2019

Candidate's seat No : _____

**First Year B.Sc. Nursing Examination
Microbiology**

Time : 3 Hours]

SUB. CODE - 8813

[Maxi. Marks : 75

Instructions :

1. Answer to the point.
 2. Figure to the right indicates full marks
 3. Draw diagram whenever necessary
 4. Write legibly.
 5. Use separate answer book for each section.
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Section – I (38 Marks)

Q – 1. Define following terms (Any Five) (2X5=10)

- | | | |
|--------------|------------------|------------------|
| 1) Antitoxin | 2) Endotoxin | 3) Gram-negative |
| 4) Infection | 5) Tyndalization | 6) Mycosis |

Q – 2. Write short notes (Any four) (5X4=20)

- 1) Acid fast staining
- 2) Dry heat sterilization
- 3) Importance of microbiology for nurses
- 4) Streptococcus
- 5) Human Immunodeficiency virus (HIV)

Q – 3. (A) Describe methods of transmission of infection (4)
(B) Role of Nurse in Biomedical waste management (4)

Section – II (37 Marks)

Q – 4. What is immunization ? Explain about natural immunity in detail (2+8=10)

Q – 5. Write short notes (Any four) (5X4=20)

1. Factors affecting growth of microorganism
2. Standard safety measures
3. Mycobacterium tuberculosis
4. Hypersensitivity skin test
5. Microscope

Q – 6. (A) Write difference between sterilization and disinfection (4)

(B) Write about mycobacterium tuberculosis (3)