

**QP Code: BNN107**

**B.Sc.(N) [1<sup>st</sup> Year]**

BF/2022/05

**Microbiology**

[New Scheme w.e.f. 2006]

**Time : 3 Hours**

**Max Marks : 75**

- Note:** 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (i) (a) Define Hospital Acquired Infections (HAI). [3]  
(b) What is role of nurse in preventing HAI. [5]  
(c) Write about hospital waste management protocol in Covid ward? [7]

**OR**

- (ii) (a) Define Sterilization and Disinfection. [3]  
(b) What are various methods of Sterilization. [5]  
(c) Explain in detail working of Autoclave, its types and utility. [7]

2. **Write in short:**

- (a) Bacterial motility [5]  
(b) Classification of Rickettsia [5]  
(c) Syphilis [5]

3. **Write in brief :**

- (a) Dengue virus [5]  
(b) Plasmodium falciparum [5]

4. **Write short note on:**

- (a) Ascaris [5]  
(b) Mucormycosis [5]

5. **Write Short Notes on any FIVE :**

[5x5=25]

- (a) Culture of Mycobacterium tuberculosis  
(b) TRIC agents  
(c) Candida infections  
(d) Cephalosporins  
(e) Type I hypersensitivity  
(f) Pathogenicity of Staphylococcus  
(g) Urinary tract infections

-----