

QP Code: BNN107

B.Sc.(N) [1st Year]

BF/2021/11

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 UTI. [3]
(b) Name organisms causing UTI. [5]
(c) Write in detail laboratory diagnosis of UTI. [7]

OR

- (ii) (a) Define Meningitis and its types. [3]
(b) Name organisms causing Meningitis. [5]
(c) Write in detail laboratory diagnosis of Meningitis. [7]

2. **Write in brief:**

- (a) Koch postulates [5]
(b) Complement system [5]
(c) Classify viruses [5]

3. **Write in brief :**

- (a) Rabies virus [5]
(b) Clostridium botulinum [5]

4. **Write short note on:**

- (a) Hookworm [5]
(b) Malarial parasite [5]

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

[5x5=25]

- (a) Blood culture method
(b) Non albicans candida
(c) Universal immunization program
(d) Enteric fever
(e) VDRL test
(f) Chlamydial infections
(g) Bacterial spore
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