

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

BF/2019/02

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 O.P. Code in the space provided on the Title Page of the Answer Book.***

1. (i) (a) Classify Mycobacteria. [3]
(b) How can you grow *Mycobacterium Tuberculosis* in Laboratory? [5]
(c) How can you diagnose a case of Pulmonary Tuberculosis? [7]

OR

- (ii) (a) Name various Gram Positive Bacilli. [3]
(b) Write in short about pathogenicity of *Corynebacterium Diphtheriae*. [5]
(c) Write in detail about prophylaxis against Diphtheria? [7]

2. Write in detail:
(a) Disinfections [8]
(b) Biomedical Waste Management [7]

3. Write about :
(a) Diagnosis of Malaria [6]
(b) Ascariasis [4]

4. Write in detail:
(a) Hepatitis A Virus [5]
(b) Measle Virus [5]

5. **Write Short Notes on any FIVE :** [5x5=25]
(a) VDRL
(b) Viral Cultivation Techniques
(c) Carbapenems
(d) Tick Borne Infections
(e) Collection of Blood Culture Sample
(f) Oral Vaccines
(g) Aspergillosis