

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

BF/2019/08

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 separate O.P. Code in the space provided on the title Page of the respective Answer Book.***

1. (i) (a) Define Hospital- Acquired Infections. [3]
(b) Write various types of Hospital- Acquired Infections and their modes of transmission. [5]
(c) Write the role of a Nurse to control these Infections. [7]
- OR
- (ii) (a) Define Sterilisation. [3]
(b) Write about different methods by which Sterilisation is usually achieved in the Hospital. [5]
(c) Write about Sterilisation by 'Heat' in detail. [7]
2. Write in detail:
(a) Bacterial Spore [5]
(b) Innate Immunity [5]
(c) Standard Safety Precautions [5]
3. Write about:
(a) Cysticercosis [5]
(b) Amoebiasis [5]
4. Write in detail:
(a) HIV [5]
(b) Dengue Virus [5]
5. **Write Short Notes on any FIVE :** [5x5=25]
(a) Scrub Typhus
(b) Cryptococcosis
(c) Mycetoma
(d) Type I Hypersensitivity Reaction
(e) Rabies Vaccine
(f) Gram Staining
(g) DPT Vaccine
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