

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

BF/2013/07

Microbiology

[New Scheme-w.e.f. 2007 admission]

M.M. : 75

Time : 3 Hours.

Note: Attempt all questions.

- 1A. Give one word answer of the following: [1x10=10]
- An organism that grows on dead and decaying matter is called _____.
 - _____ is a causative agent of Diphtheria.
 - Soil may serve as a source of parasiting infection like _____.
 - _____ is an enzyme present in tears.
 - Common causative agent of skin and wound infection is _____.
 - Gas gangrene is caused by _____.
 - Oral thrush which is a fungal infection of mouth of new born babies is caused by _____.
 - Koplik's spot is a chief symptom of _____.
 - Cocci in chains are called as _____.
 - Sleeping sickness is another name of _____.
- 1B. Write the most appropriate answer : [1x5=5]
- Major line of defense in new born is because of :
(a) Immunoglobulin M (IgM) (b) IgG (c) IgE (d) IgA
 - Presence of flagella all around the bacterial cell is the pattern called as :
(a) Lophotrichous (b) Peritrichous (c) Amphitrichous (d) Multipolar
 - Rubella is another name of :
(a) German Measles (b) Shingles (c) Influenza (d) Encephalitis
 - Dermatophyte which affect scalp is :
(a) Tinea Corporis (b) Tinea manum (c) Tinea cruris (d) Tinea capitis
 - Physical agents of sterilization include :
(a) Sunlight (b) Drying (c) Boiling
(d) All of the above.
2. Write Five Points of the following : [5x3=15]
- Portals of entry of micro organisms.
 - Chemical agents of disinfection.
 - Causative agents of nosocomial infection.
3. (a) Define the following terms : [1]
- Neutralizing antibody. [1]
 - Diplococci. [8]
- (b) Clinical features and transmission of HIV. [8]
4. (a) Define active immunity. [1]
- General properties of virus. [3]
 - Barrier Nursing. [6]
5. Write Short Notes on any FIVE of the following: [5x5=25]
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| (a) Giardiasis. | (b) Cutaneous anthrax |
| (c) General principles in sample collection | (d) Bacterial growth curve |
| (e) Pathogenesis of Diphtheria | (f) Food poisoning |
| (g) National Immunization Schedule | |
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