

C.U.SHAH UNIVERSITY

Wadhwan City

Subject Code 4LS02MBO2

Summer Examination-2014

Date: 06/06/2014

Subject Name **Microbial Agents of Disease**

Branch/Semester:- B.Sc(Micro)/II

Time:02:00 To 5:00

Examination: Regular

Instructions:-

- (1) Attempt all Questions of both sections in same answer book / Supplementary
- (2) Use of Programmable calculator & any other electronic instrument is prohibited.
- (3) Instructions written on main answer Book are strictly to be obeyed.
- (4) Draw neat diagrams & figures (If necessary) at right places
- (5) Assume suitable & Perfect data if needed

SECTION I**Q.1 Define the following:**

- a) Infection b) Endocarditis c) Rmp d) Mycosis e) Bacteremia f) Pathogenicity g) LAM
[01 mark each]

- Q.2 a) Classify Infections. [05]
 b) Describe characteristic features of Clostridium. [05]
 c) Differentiate between Exotoxins & Endotoxins. [04]

OR

- Q.2 a) Describe pathogenesis of Tetanus. [05]
 b) Explain virulence factors of Mycobacteria. [05]
 c) Describe Nagler's reaction. [04]
 Q.3 a) Write a note on sources of infections. [07]
 b) Explain pathogenesis of Tuberculosis. [07]

OR

- Q.3 a) Write a note on Genus Neisseria. [07]
 b) Describe Replication & Laboratory diagnosis of Retrovirus. [07]

SECTION II**Q.4 Define the following:**

- a) Fomite b) Virulence c) HTLV d) Biofilm e) Nosocomial Infection f) HIV g) Superficial Candidosis
[01 mark each]

- Q.5 a) Describe method of transmission of infections. [05]
 b) Classify fungal diseases with examples. [05]
 c) Describe treatment for Malaria. [04]

OR

- Q.5 a) Explain pathogenesis of *Entamoeba histolytica*. [05]
 b) Write a short note on Mycetoma. [05]
 c) Describe clinical features of Tetanus. [04]
 Q.6 a) Write a note on Ringworm infection. [07]
 b) Explain replication & laboratory diagnosis of Adenovirus. [07]

OR

- Q.6 a) Describe life cycle of Malarial parasite. [07]
 b) Describe virulence factors of β -hemolytic *S. pyogenes*. [07]

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