

C U SHAH UNIVERSITY

Branch: Microbiology

Semester: II

Subject code: 4LS02MBO3

Subject name: Microbial agents of disease

Q-1 Define the following

- (a) Infection (b) Nosocomial infection (c) Rmp (d) Biofilm (e) Virus (f) Quorum sensing (g) Zoonosis (h) Virulence (i) Pathogenicity (j) Exotoxin (k) Por (l) MRSA (m) Mycoses (n) Sporozoite (14)

ANSWER ANY FOUR

Q-2(a) Classify infections with examples. (7)

Q-2(b) Describe the life cycle of plasmodium. (7)

Q-3(a) Write short notes on superficial mycoses. (7)

Q-3(b) Describe the pathogenesis of retrovirus. (7)

Q-4 (a) Differentiate between exotoxin & endotoxin. (7)

Q-4 (b) Explain staphylococcal infections. (7)

Q-5(a) Describe the virulence factors of gonococci. (7)

Q-5(b) Describe the sources of infection. (7)

Q-6(a) Explain the general characteristics of Streptococci & Staphylococci. (7)

Q-6(b) Classify Mycobacteria & give its general characteristics. (7)

Q-7(a) Describe the pathogenesis of Clostridium. (7)

Q-7(b) Describe the virulence factors of *Staphylococcus aureus*. (7)

Q-8(a) Describe the methods of transmission of infection. (7)

Q-8(b) Explain life cycle of entamoeba. (7)