

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech-VITH Semester (BT)

COURSE CODE: 18WB1BT632

MAX. MARKS: 15

COURSE NAME: Infectious Diseases

COURSE CREDITS: 3

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. Explain briefly following. [1.5x4=6] [COI] [COII]

- a) Exotoxin and Endotoxin
- b) Incubation Period vs Latent Period
- c) Epidemiologic Triad
- d) Disability Adjusted Life Years (DALYS)

Q2. Illustrate biochemical mechanism and genetic modifications for antimicrobial resistance. [3] [COI]

OR

Q2. Explain underlying mechanism for bacterial pathogenicity. [3] [CO1]

Q3. How to decide whether the patient has a bacterial infection? [2] [COI]

Q4. Design appropriate strategy to control outbreak of infectious disease. [5] [COII]