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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS-2022

B.Tech-VI Semester (BT)

COURSE CODE: 18B1WBT632

MAX. MARKS: 25

COURSE NAME: INFECTIOUS DISEASE

COURSE CREDITS: 03

MAX. TIME: 1 Hour 30 Min

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

- 1) Comment on social and economic impact of Covid-19 disease. [COII][3]
- 2) Explain causes, symptoms diagnosis and treatment mycobacterium tuberculosis. [COIV] [4]
- 3) Which bacterial products cause sepsis Syndrome? Explain order of progression for infection to septic shock. Evaluate clinical Manifestations of Sepsis Syndrome. [COIII] [5]
- 4) Describe steps in biofilm formation. How development and structural integrity of the biofilm is dependent upon quorum sensing (QS). [COIII][3]
- 5) How fungal infection occurs? Explain mechanism of action of following class of antifungal drugs a) Echinocandins b) Polyenes c) Azoles [COIV][5]
- 6) Answer/ explain the followings. [COIII][2+1+2]
 - a) MDR tuberculosis
 - b) Penicillin is antagonized with bacteriostatic antibiotics.
 - c) Macrophage and its function