

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -I EXAMINATIONS-2022

B.Tech-VI Semester (BT)

COURSE CODE: Manufacturing Process and Industrial Products

MAX. MARKS: 15

COURSE NAME: 20B1WBT631

COURSE CREDITS: 03

MAX. TIME: 1 Hour

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

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- Q1. Bromelain is derived from which source? [1 Mark] (CO1)
- Q2. Name two therapeutic enzymes isolated from fungal source [1 Mark] (CO1)
- Q3. What is the enzyme and disease that can be related to Urate. [1 Mark] (CO1)
- Q4. Why hyaluronidase is use an adjunctive agent along with local anesthetics [1.5 Marks] (CO1)
- Q5. Microbes are the preferred choice of enzyme sources. Justify. CO1 &2) [2 Marks] (CO1)
- Q6. Discuss the enzyme, which is used as an inhalable therapy for the management of cystic fibrosis [2 Marks] (CO1)
- Q7. Which therapeutic enzymes are used as fibrinolytics? Briefly discuss the mechanism by which they act. [2.5 Marks] (CO1)
- Q8. Asparaginase is used in the treatment of leukemia. Explain the mechanism. Briefly, discuss the importance of PEGylation of Asparaginase. [2 Marks] (CO1)
- Q9. Explain the various approaches used for the assay of Asparaginase. [2 Marks] (CO1)