

Dr. Uday

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATIONS April 2019

B.Tech (Biotechnology) IIIrd year

Course Code: 10B11BT612

Course Name: Food & Agricultural Biotechnology

Course Credits: 04

MAX. MARKS: 25

MAX. 1.5 hrs

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Marks are indicated in brackets against each question.

1. How agricultural biotechnology is combating the present situation of food crisis? Which technologies are in large use & why? Explain by citing some examples. (5 Marks) [CO 3]
2. How you can develop a disease resistant corn by using agrobacterium mediated genetic transformation. Explain all steps involved for the same. (5 Marks) [CO4]
3. What are the signs & common causes of food spoilage? Discuss some important food spoilage bacteria and their types. (5 Marks) [CO 2]
4. Explain the overview of lecithin recovery process. List the application/usage of lecithin in food products. (5 Marks) [CO 2]
5. Write a note on freezing in food preservation. Explain the objective, process and importance of time in freezing technology. (5 Marks) [CO 1]