

Ganapati

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- Oct 2017

B.Tech 7th Sem/ BTDD 9th Sem

COURSE CODE: 15M11BT431

MAX. MARKS:25

COURSE NAME: Traditional Bioprocessing and their upscaling

COURSE CREDITS:3

MAX. TIME: One Hour Thirty Minutes

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

1. Discuss in detail about feed optimization approaches in process optimization for antibody production? (5 M)
2. Write in detail about the production aspects of "Xylitol" and "Ascorbic acid"? (5 M)
3. With a neat sketch explain the "Penicillin Production" and "Industrial manufacture process of flavours"? (5 M)
4. Discuss the "Slow", "Quick" and "Eridge" processes of acetic acid production? (4 M)
5. Write about the following (6 M)
 - (a) Strategies for reducing the formation of ammonia and lactate in Mab production
 - (b) Ajinomoto
 - (c) Glycosidases