

Total No. of Pages:

1

Register Number:

7238

Name of the Candidate:

DIPLOMA EXAMINATION, 2010
(INDUSTRIAL BIOTECHNOLOGY)
(PAPER-II)

120. INDUSTRIAL FERMENTATIONS

Dec]

[Time : 3 Hours

Maximum : 100 Marks

Answer any FIVE questions

(5×20=100)

1. Write in detail about various array involved in fermentation process.
2. How do you maintain a stock culture? Describe the various methods of stock culture maintenance.
3. Explain the collection and treatment of hazardous biological waste.
4. Describe the production of Penicillin.
5. Differentiate between direct and indirect fermentation.
6. Write the methods used for production and purification of vinegar.
7. (i) Name any five edible mushrooms (5)
(ii) Name any five bacterial insecticide (5)
(iii) Explain industrial application of Baker's yeast (10)
8. Write the fermentation process of the production of proteolytic enzyme.
9. Explain in detail citric Acid fermentation.
10. State the term Cibberellins and explain it in detail.
