

End Semester Examinations - 2015-16 Even Semester - May 2016

14BT3011 Sustainable Bioprocess Development

Set A

Time : 3 hrs
Total Marks: 100

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1. History of Biotechnology & Today's situation (20)
OR
 2. Explain Future Perspectives of Biotechnology , Modelling and assessment in process development (20)
 3. Detail on the Biocatalysts used in the industry and process types (20)
OR
 4. Give a detailed account on Citric Acid production (20)
 5. Explain the process model and production of Penicillin V (20)
OR
 6. The Development of the enzyme alpha amylase , its process model , applications (20)
 7. Explain the production of PHB with process flow chart wherever necessary (20)
OR
 8. Give a detailed account on various types of the Bioproducts (20)
 9. (a) Elaborate on waste treatment, reduction and recycling (5)
(b) Explain the Development Process required in biotechnology (15)
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Wishing you All the Best
