

Printed Pages : 2



EC802

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 160807**

Roll No.

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**B. Tech.**

(SEM. VIII) THEORY EXAMINATION, 2014-15  
**DEVELOPMENT IN WET PROCESSING**

Time : 3 Hours]

[Total Marks : 100

**Note :** Attempt all questions. All questions carry equal marks.

- 1 (a) Give the details for use of enzymes in combined process of scouring and bleaching.
- (b) Discuss the role of catalyst in bleaching.
- (c) Briefly discuss the technical details of continuous Bleaching range.
- 2 (a) Foam technology is a unique breakthrough in modern textile processing". Express the statement with relevant support and technique.
- (b) Discuss various parameters accountable for economics of dyeing process
- (c) Use of Carcinogenic chemicals are restricted under the term German Bann. What are these chemicals which give adverse effect on human beings and their substitutes?

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[ Contd...

- 3
- (a) Discuss the contribution to the success of digital printing.
  - (b) What are the special features of continuous dyeing range? Mention its working and advantages.
  - (c) Computer colour matching is boon to dyeing and printing. Explain in detail?
- 4
- (a) Briefly give the know how's of solvent dyeing method.
  - (b) Sublimation fastness concept is taken for which type of printing ? Give the details.
  - (c) Discuss various advances in printing.
- 5
- (a) Illustrate various environmental issues in textile chemical processing and their solutions.
  - (b) Express the significance of eco awareness and eco standards.
  - (c) How energy can be conserved in wet processing ?
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