

Printed Pages : 2



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EC-504

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

PAPER ID : 160506

Roll No.

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B. Tech.

(SEM-V) THEORY EXAMINATION 2015-16

TEXTILE AUXILIARIES

Time : 2 Hours]

[Total Marks : 50

- NOTE:**
1. Attempt all questions.
 2. All questions carry equal marks.

1. Attempt any two parts of the following-
 - (a) Classify various types of textile auxiliaries in detail.
 - (b) Write the principle of detergency? Give a brief note on different types of detergents used in textile processing.
 - (c) What are the surfactants? Describe the mechanism of surface activity. Name the various types of surfactants

2. Attempt any two parts of the following-
 - (a) How stripping agents are useful in dyeing?
 - (b) What are the carriers? How these are useful in polyester dyeing?
 - (c) Describe the role of leveling agents in dyeing of nylons.
3. Attempt any two parts of the following-
 - (a) Describe various auxiliaries used in bleaching. Also give the preparation of anyone bleaching agent.
 - (b) What are thickeners? Classify various types of thickeners in detail.
 - (c) What are the emulsions? Describe various types of emulsions used in printing and finishing.
4. Attempt any two parts of the following-
 - (a) What are the flame retardants? How can you evaluate the flame retardency?
 - (b) Discuss importance and a method for estimation of available chlorine.
 - (c) Describe a method to evaluate the efficiency of mercerization.

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