B. Tech.

(SEM. VIII) EXAMINATION, 2006-07

COATING OF TEXTILES

Time : 3 Hours] [Total Marks : 100

Note : Attempt all questions.

1. Describe the mechanism of adhesive of polymeric materials to textile substrate?

OR

1. What do you understand by natural and synthetic rubbers? Describe the production and properties in detail.

2. What are the different methods of coating? Describe in detail.

OR

2. Discuss rotatory screen printing taking coating in account.

3. Define gelation temperature? Discuss the importance of gelation temperature in coating?

OR

3. Explain thixotropy and Rheopexy in detail.

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4. What do you understand by non-apparel coating? Discuss in detail by giving examples.

OR

4. Describe the radiation cured coating in detail.

5. Which test is performed for colour fastness to dry and wet rubbing? Discuss.

OR

5. What do you understand by low temperature impact test? Discuss.