



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

PAPER ID : 160605

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15
TECHNOLOGY OF FINISHING - I

Time : 3 Hours]

[Total Marks : 100

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

1 Attempt any two of the following :

- (a) Discuss various objects of finishing. What are the principles of finishing of Cotton and woolen fabric?
- (b) Why Silk is called the "Queen of fibres"? Discuss development in Silk finishing.
- (c) Give detailed classification of various finishes used on textile.

2 Describe any two of the following by giving mechanism and working with the help of a neat sketch :

- (a) Sanforising Machine
- (b) Padding Mangles
- (c) Calenders

- 3 Attempt any two of the following :
- (a) Discuss "soft handle" is an important characteristics of textiles. How will you produce softness on cotton fabrics by chemical softeners?
 - (b) Write a detailed note on creping of silk and rayon.
 - (c) How beetling process of linen is carried out ? Explain by giving a diagram.
- 4 Attempt any two of the following :
- (a) How foam finishing technology is used as a energy conservation ? Discuss by giving advantages and disadvantages of foam finishing.
 - (b) Discuss the mechanism of creasing. How anticrease finishes are imparted on cotton material ?
 - (c) How durable press finishes are applied on cotton textile ?
- 5 Write short note on any two of the following :
- (a) Milling of wool.
 - (b) Unshrinkable wool.
 - (c) Crabbing and decatizing of woolen fabric.
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