

Printed Pages : 2



EC-602/ETEF-011

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

PAPER ID : 160603-161652

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15
COATING OF TEXTILES

Time : 3 Hours]

[Total Marks : 100

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

- 1 Answer any two part of following:
 - (a) Describe additives used for P.U. coating.
 - (b) Explain mechanism of adhesion and isocyanate bonding system.
 - (c) Describe radiation cure coating.

- 2 Answer any two part of following:
 - (a) Describe transfer coating head with neat diagram.
 - (b) Describe extrusion coating process.
 - (c) Discuss mayer rod coating.

- 3 Answer any two part of following :
- (a) Discuss bingham body behavior.
 - (b) Explain sixotropy and rheopexy
 - (c) Explain viscosity and apparent viscosity.
- 4 Answer any two part of following :
- (a) Describe features of breathable fabrics.,
 - (b) Write short note on chemical protection fabric.
 - (c) Describe flocking coated fabric.
- 5 Describe any two test methods of the following :
- (a) GSM
 - (b) Water permeability test
 - (c) Colour fastness test.
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