



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

PAPER ID : 160806

Roll No.

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B. Tech.

(SEM. VIII) THEORY EXAMINATION, 2014-15
TECHNOLOGY OF PRINTING - II

Time : 3 Hours]

[Total Marks : 100

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

1 Attempt any two of the following :

- (a) Differentiate between resist and discharge style of printing. How coloured resist is obtain on reactive dyed ground.
- (b) Discuss general theory of printing by giving the role of various ingredients used in a printing paste. How the printing of silk is carried out.
- (c) Describe "all in method" and "two stage method" of printing vat dyes on cotton fabric.

2 Attempt any two of the following :

- (a) How will you carry out direct printing of Polyester and Nylon fabric? Discuss by giving the function of various ingredients used in printing paste.

- (b) Give the application procedure for printing of Nylon 6,6 by using suitable dyestuff.
 - (c) Describe the method of printing acrylic fibre with appropriate dyes.
- 3** Write short note on :
- (a) Flock Printing
 - (b) Foil Printing
 - (c) Pigment printing of cotton
 - (d) Damask effect in printing
- 4** Attempt any two of the following:-
- (a) Write a detailed note on faults in printing and prevention.
 - (b) Give the use of superheated steam in printing. What is the purpose of after treatment? Which are the important after treatments of printed goods?
 - (c) Explain the mechanism of fixation process. Give the working of a rapid ager with the help of a neat sketch.
- 5** Attempt any two of the following :
- (a) What are the various methods of drying? Discuss any one of them in detail.
 - (b) Define transfer printing. Name processes by which transfer can be achieved. Describe continuous transfer printing machine.
 - (c) Discuss the utility of digital printing. How it is carried out?
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