



SE-7483

B. E. IV (Sem - VII) (Textile Processing)

Examination

May / June – 2011

Technology of Printing - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
☛ B. E. IV (Sem - VII) (Textile Processing)	<input type="text"/>
Name of the Subject :	<input type="text"/>
☛ Technology of Printing - II	<input type="text"/>
☛ Subject Code No. : <input type="text"/> 7 <input type="text"/> 4 <input type="text"/> 8 <input type="text"/> 3	<input type="text"/>
☛ Section No. (1, 2,.....): <input type="text"/> Nil	<input type="text"/>
	Student's Signature

(2) Figures to the right indicate full marks.

1 (a) Answer the following objective questions : 10

- (1) Which dye system is used to print 80/20 polyester/cotton blend ?
- (2) Enlist the advantages of pigment printing on polyester/cotton blend.
- (3) Enlist different solvents used for Nylon printing.
- (4) In high temperature steaming there is less humidity as against HTHP steaming. True or False. Justify.
- (5) Why SnCl_2 is not preferred for dis-charge printing of polyester ?
- (6) State different methods of discharge printing of polyester.
- (7) Give the precautions necessary during CDPET printing.
- (8) State the use of activated carbon in printing.
- (9) Give any two names of acid librating agents.
- (10) Redox potential of Rongolite-C is _____ .
(-870mv, -500mv, 870mv)

(b) Enlist different printing aid for printing Nylon fabric, 10
explain each with examples.

- 2 (a) Discuss faults and remedies in polyester printing. 10
(b) Explain printing of Acrylic with cationic dye. 5

OR

- 2 Discuss in detail the discharge printing of polyester. 15
- 3 Write short notes : (any three) 15
(a) Disperse - pigment system of printing P/C blends
(b) Discharge printing of Nylon
(c) Criteria for the selection of reducing agent
(d) Printing of Nylon with Procynyl dyes
- 4 (a) Answer the following objective questions : 10
(1) Which paper is used in transfer printing ?
(2) Pigment prints exhibit good light fastness. True or False.
(3) Why sodium alginate is not used for pigment printing ?
(4) For white khadi _____ pigment is used.
(5) Mica fraction with 30 to 50 microns exhibit ____ gloss.
(6) Define : Blow ratio.
(7) What is melange yarn ?
(8) Lanazol dyes are one type of _____ dye.
(9) Direct dyes can be used to print silk fabric. True or false.
(10) Blanket in the automatic flat bed screen printing machine is driven by means of _____ system.
- (b) What is steaming ? Explain Arioli steamer with neat sketch. 10
- 5 (a) Enlist different methods of printing paper for transfer printing. Explain lithographic and flexographic printing. 10
(b) Explain vigoureaux printing. 5

OR

- 5 Explain direct style of printing silk with different classes of dyes. 15
- 6 Write short notes on any three of the following : 15
(a) Pearl printing
(b) Cross border printing
(c) Star steamer
(d) Magnetic squeeze system