



RN-8245

B. E. - II (Sem. IV) (Textile Technology)

Examination

May / June - 2010

Textile Processing - II
(New Scheme)

Time : 3 Hours]

[Total Marks : 100

Instructions : (1)

नीचे दृशविवेक निशानीवाणी विगतो उत्तरवडी पर अवश्य वपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. E. - 2 (Sem. 4) (T.T.)

Name of the Subject :
Textile Processing - 2 (New)

Subject Code No. : 8 2 4 5 Section No. (1, 2,.....): 1&2

Seat No. :

Student's Signature

- (2) Answers to the **two** sections must be written in **separate** answer books.
- (3) Figures to the right indicate full marks.
- (4) Tie **two** sections **separately**.

SECTION - I

- 1 (a) Answer the following objective questions : 10
 - (i) Give two examples of mechanical finishing.
 - (ii) Rollers of calendering are known as _____.
 - (iii) Swizzing is a special calender. True or False.
 - (iv) Which machine is called the heart of the textile mills ?
 - (v) _____ is used to heat the fabric during rigmel finish.
 - (vi) Which calendering gives silk like effect ?
 - (vii) If the thickness of the blanket is greater, then the shrinkage will be _____.

- (viii) Nylon fabric is heat-set at temperature of _____.
- (ix) Friction calender makes cotton more lustrous than mercerized cotton. True or False.
- (x) Stenters are of two types, _____ and _____.
- (b) Discuss printing of polyester / cotton blend. **10**
- 2** Explain principle, mechanism and working of pre-shrinking of cotton. **15**

OR

- 2** Give classification and objectives of calendering process, explain special calenders. **15**
- 3** Write short notes on any **three** of the following : **15**
- (a) Fixation of polyester prints
- (b) Ageing
- (c) Chasing calender
- (d) Stenters.

SECTION - II

- 4** (a) Answer the following objective questions : **10**
- (i) Enumerate different ingredients of printing paste.
- (ii) Which dye is selected as illuminant for discharge printing ?
- (iii) What is the function of lint doctor in roller printing ?
- (iv) Method of printing is manner in which printing is carried out. True or False.
- (v) Rotary screen printing is a continuous operation. True or False.
- (vi) Printing is also known as _____.
- (vii) Printing can be done with no dye in the paste. True or False.

- (viii) Which dyes are used to print polyester fabric ?
- (ix) _____ is the indirect method of printing.
- (x) Give examples of acid liberating agnets.
- (b) Classify and differentiate styles and methods of printing and write a note on block printing. **10**
- 5** (a) Describe flat bed screen printing machine with neat diagram. **10**
- (b) Explain galvano screen. **5**
- OR**
- 5** Explain mechanism of transfer printing and discuss printing of fabric. **15**
- 6** Write short notes on any **three** of the following : **15**
- (a) Lithographic printing
- (b) Brasso style
- (c) Roller printing (only figure)
- (d) Crimp style.
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