



SF-8203

B. E. - II (Sem. IV) (T.T.) Examination

May / June - 2011

Technology of Processing - II

(New Scheme)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. E. - 2 (SEM. 4) (T.T.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="TECHNOLOGY OF PROCESSING - 2 (NEW)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="3"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	
Student's Signature	

(2) There are no sections in this paper.

(3) Figures to the right indicate full marks.

- 1 (a) Answer the following objective questions.
- What is the meaning of swizzing ?
 - Which calender gives Linen like effect ?
 - How the Spun glass finish is produced ?
 - _____ cylinder is used to heat the fabric during sanforising.
 - Give two examples of chemical finishing.
 - A simple device which simulates the effect of calendering is _____.
 - Chasing is an ordinary calender. True or False.
 - Stenters are of two types, _____ and _____.
 - If the diameter of the roller is smaller, then the shrinkage will be _____.
 - Polyester fabric is heat-set at temperature of _____.
- (b) What is ageing ? Discuss M and P type ager with neat diagram. 10
- 2 (a) Explain pre shrinking process of cotton and describe Rigmel finishing of cotton. 10
- (b) Lithographic printing of paper. 5

OR

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[Contd...

- 2 Enlist objects of Calendering and explain Special calenders with neat diagrams. 15
- 3 Write short notes on any three of the following : 15
- (a) Cottage steamer
 - (b) Galvano screen
 - (c) Swizzing calender
 - (d) Friction calender.
- 4 (a) Answer the following objective questions : 10
- (i) State the function of hygroscopic agent in printing paste.
 - (ii) _____ is the means by which the printing is carried out.
 - (iii) Direct style of printing is also known as _____
 - (iv) Printing can be done with no dye in the paste. True or False. Justify.
 - (v) For batik style of printing only cold brand reactive dyes are used. True or false. Justify.
 - (vi) Give difference between dyeing and printing.
 - (vii) Give principle of lithographic printing.
 - (viii) What is the function of doctor blade in roller printing ?
 - (ix) Method of printing is means by which printing is carried out. True or False.
 - (x) Rotary screen printing is a semi-continuous operation. True or false.
- (b) Describe printing of polyester with disperse dyes on the basis of different fixation methods. 10
- 5 (a) Explain Rotary screen printing machine. 10
- (b) Block printing. 5

OR

- 5 Explain construction and working of roller printing with neat sketch. 15
- 6 Write short notes on any three of the following : 15
- (a) Flexographic printing
 - (b) Brasso style of printing
 - (c) Resist style of printing
 - (d) Preparation of screen for flat bed screen printing.