



KC-8133

B. E. II (Sem. III) (Textile Processing) Examination
November / December – 2012
Elements of Textile Technology & Processing - I
(New Syllabus)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशवैध निशान्तीवाणी 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. 2 (SEM. 3) (TEXTILE PROCESSING)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Elements of Textile Technology & Processing - I (New)	<input type="text"/>
Subject Code No. : <input type="text" value="8"/> <input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="3"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	
Student's Signature	

(2) Figures to the right indicate full marks.

- 1 (a) Answer the following objective questions. **10**
- (i) What are the objects of Blowroom ? **2**
- (ii) Krischner beater is also called as _____ bladed beater. **1**
- (iii) Define English count. **1**
- (iv) State the objects of speed frame. **1**
- (v) Enlist the spinning line for Carded yarns. **2**
- (vi) What are the functions of winding machine ? **2**
- (vii) Write the production formula for Draw frame. **1**
- (b) Enlist the main objects of card. With the help of neat diagram draw passage of material through card and describe its main parts. **10**
- 2 (a) With the help of neat sketch explain Vertical opener. **7**
- (b) State the objects of ginning. And explain any one ginning machine with neat sketch. **8**

OR

- 2 (a) Draw the passage of yarn through winding machine. **7**
- (b) With neat sketch, explain any one bale opening machine. **8**

3	Write short notes on any three of the following :	15
	(a) Passage of Speed frame	5
	(b) Yarn numbering system.	5
	(c) Wet doubling process.	5
	(d) Plot the twill weave along with draft and peg plan (Lifting plan)	5
4	(a) Answer the following objective questions.	10
	(i) Enlist pretreatment in processing.	2
	(ii) What is Grey Inspection ?	1
	(iii) What do you understand by Singeing ?	1
	(iv) What is Chemicking ?	1
	(v) What do you understand by available chlorine ?	1
	(vi) Give some name of dyes for cotton dyeing.	1
	(vii) What is Direct dye Chemically ?	1
	(viii) What is Printing ?	2
	(b) Explain Gas singeing M/c with neat sketch.	10
5	(a) Explain Bleaching of Cotton with Hydrogen Peroxide.	10
	(b) Explain the properties of direct dyes.	5
OR		
5	(a) What is finishing. Classify finishes with examples.	10
	(b) What is Resin finishing ?	5
6	Write short notes on any three of the following :	15
	(a) Sizing ingredients.	5
	(b) Passage of sectional warping machine	5
	(c) Pirn winding machine	5
	(d) Package faults	5