



UF-8133

B. E. - II (Sem. - III) (Textile Processing)

Examination

May/June - 2012

Elements of Textile Technology & Processing (I)
(New Syllabus)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृश्यादिब निशानीवाणी विगतो उत्तरवाडी पर अवश्य कपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. E. - II (Sem. - III) (TEXTILE PROCESSING)

Name of the Subject :
Elements of Textile Technology & Processing (I)

Subject Code No. : **8 1 3 3** Section No. (1, 2,.....): **Nil**

Seat No. :

Student's Signature

(2) Figures to the right indicate full marks.

Q.1	a)	Answer the following objective questions.	(10)
	i)	Define Direct system.	2
	ii)	State the objects of Ring frame	1
	iii)	Enlist the spinning line for Combed yarns.	2
	iv)	What are the objects of Card?	1
	v)	Three bladed beater is also called as _____ beater.	1
	vi)	Write the production formula for Speed frame.	1
	vii)	State the objects of winding machine?	1
	vi)	State the functions of Reed.	1
	b)	With the help of neat sketch explain Three bladed beater and Vertical opener.	(10)
Q.2	a)	With the help of neat diagram draw passage of material through card and describe its main parts.	(08)
	b)	What are the objects of Pirm winding machine? Explain the passage of yarn through Pirm winding machine.	(07)
OR			
Q.2	a)	With neat sketch explain passage of yarn through Plain power loom.	(07)
	b)	What are the objects of ginning? And explain Saw ginning machine with neat sketch.	(08)
Q.3		Write short notes on any three of the following.	(15)
	a)	Dry and Wet doubling process	5

	b)	Bale opening machine.	
	c)	Yarn numbering system	5
	d)	Passage through Draw frame	5
Q.4	a)	Answer the following objective questions.	(10)
	i)	Give Various name of Pretreatments for Cotton	2
	ii)	What is Desizing?	1
	iii)	What is Chemicking?	1
	iv)	What is the Purpose for Mercerization	1
	v)	What is the PH kept during Peroxide Bleaching?	1
	vi)	Define printing	1
	vii)	Give some name of Thickeners.	1
	viii)	What is Wash-n Wear Finish.	2
	b)	Explain Some Finishing methods with examples	(10)
Q.5	a)	Classify Dyes for Cotton. Explain some properties of Direct & Reactive Dyes	(10)
	b)	What is Bleaching Powder. State its drawbacks.	(05)
OR			
Q.5	a)	Explain Kiering of Cotton with neat sketch of M/c used.	(10)
	b)	What is Resin Finishing.	(05)
Q.6		Write short notes on any three of the following.	(15)
	a)	Sizing Ingredients.	5
	b)	Package faults.	5
	c)	Plot the twill weave along with draft and peg plan (Lifting plan)	5
	d)	Passage through Warping machine.	5