



SF-6587

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

May / June - 2011

Yarn Preparation & Weaving

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृशाविक निशानीवाणी विगतो उत्तरवडी पर अवश्य कभववी. 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.P.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Yarn Preparation & Weaving"/>	<input type="text"/>
Subject Code No. : <input type="text" value="6"/> <input type="text" value="5"/> <input type="text" value="8"/> <input type="text" value="7"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="1&2"/>	<input type="text"/>
	Student's Signature

(2) Figures to the right indicate full marks.

SECTION - I

- 1 (a) Define the following : 10
(i) Paternning
(ii) Pirn
(iii) Snarls
(iv) Spinners double
(v) Precision Winding.
- (b) State the objects of warping. Explain with neat sketch, ordinary beam warping machine. 10
- 2 (a) Describe in the different tensioning and clearing devices used on a winding machine. 10
(b) Explain with a neat sketch ordinary pirn winding machine. 5

OR

- 2 (a) Give the main objects of winding. Explain Random Winding in detail. 10
(b) Write a brief note on "Gear Crimping." 5
- 3 Write short notes on : (any three) 15
(i) Sectional warping
(ii) Size Box
(iii) Size ingredients
(iv) Diameter control devices.

SECTION - II

- 4 (a) Give Line Diagram of the following : 6
(i) Dog knot
(ii) Full conical base prin
(iii) V-nose creel.
- (b) Give the function of following : 4
(i) Lingo
(ii) brake on loom.
- (c) Discuss the different drying systems for drying the size applied on warp yarns. 10
- 5 (a) Explain in detail passage of material through plain power loom. 10
- (b) With neat sketch explain in detail 7 wheel take up motion. 5

OR

- 5 What is positive and negative shedding ? With neat sketches explain in detail the different shedding mechanisms. 15
- 6 Write short notes on : (any **three**) 15
(i) Center weft fork motion
(ii) Edge crimping
(iii) loom timing diagram
(iv) Jacquard shedding mechanism.
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