



UF-8147

B. E. II (Sem. III) (Textile Technology)

Examination

May/June – 2012

Weaving I

(As per New Syllabus)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. 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. II (Sem. III) (Textile Technology)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Weaving-I"/>	<input type="text"/>
Subject Code No. : <input type="text" value="8"/> <input type="text" value="1"/> <input type="text" value="4"/> <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) Answers to the two sections must be written in separate answer book.
- (3) Figures to the right indicate full marks.
- (4) Tie two sections separately.

SECTION - I

- 1 (a) Answer the following. 10
- (1) What do you mean by missing ends in fabric ? 1
- (2) On high speed cone winding machine, the yarn is wound on either _____ or _____ cones. 2
- (3) Define wind. 1
- (4) Enlist knotting techniques. 2
- (5) The two principles of electronics yarn clearer are _____ and _____. 2
- (6) Define cross winding. 2
- (b) Explain pneumatic splicing with a neat sketch. 10

- 2 (a) Explain the passage of yarn through upright spindle winding machine. 5
- (b) What is traversing ? Explain traverse within traverse mechanism with neat sketch. 10

OR

- 2 (a) Enlist different types of tensioners used on winding machines and explain the principle of working. 10
- (b) Explain with neat sketch any one high speed cone and cheese winding machine. 5
- 3 Write short notes on any three. 15
- (a) Digicone winding.
- (b) Winding faults.
- (c) Passage or ball warp winding machine.
- (d) Classify preparatory processes.

Section - II

- 4 (a) Fill up the blanks. 5
- (1) If the healds cross at top centre of the crank shaft, it is termed as _____.
- (2) _____ shedding imitates embroidery.
- (3) _____ is used as a feeler to detect presence of weft yarn.
- (4) _____ are necessary in a fabric to lock the edge warp threads so as to prevent fraying or slippage of warp threads.
- (5) _____ shed has both top and bottom stationary lines.
- (b) Enlist the disadvantages with high sley eccentricity. 3
- (c) What is the function of cloth take-up ? 2
- (d) Explain with neat sketch plain tappet shedding motion. 10

- 5 (a) Explain with neat sketch cone over-pick motion. 10
(b) How picking strength can be increased ? 5

OR

- 5 (a) Explain with neat sketch seven wheel take up motion. 10
(b) Enlist common types of templets. Discuss in brief 5
about any one.

- 6 Write short notes. (on any three) 15
(i) Types of selvages.
(ii) Care of shuttles.
(iii) Construction of shedding tappet.
(iv) Let-off motion.
