



SE-8202

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

May / June - 2011

Weaving - II

(New Syllabus)

Time :3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी. 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) (I.T.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Weaving - 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="2"/>	Section No. (1, 2,.....) : <input type="text" value="182"/>
Student's Signature	

- (i). Answers to the two sections must be written in same answer book.
(ii). Figures to the right indicate full marks.

SECTION - I

Q.1(a): Answer the following objective questions:

- (1). Give the classification of dobbies on the basis of heald reversal motion. [02]
(2). Keighley doobby was manufactured in _____. [01]
(3). Give the importance of Cross Border Dobby. [01]
(4). Box motions are mainly of two types: _____ and _____. [02]
(5). The _____ motion is also called weft mixing motion. [01]
(6). Examples of 4 x 4 box motions are _____ and _____. [02]
(7). Double lift double jack doobby is also referred as climax doobby. (True or False) [01]

Q.1(b): Explain in detail Eccle's Drop Box Motion. [10]

Q.2: Explain in detail the Eccentric Cam Drop Box Motion. [15]

[OR]

Q.2: Explain in detail any one type of Circular Box Motion. [15]

Q.3: Write short notes on any three of the following: [15]

- (a). Timing diagram of doobby mechanism.
(b). Climax Cross Border Dobby.
(c). Advantages of Cam doobby.
(d). Classification of dobbies.

SECTION – II

Q.4(a): Answer the following objective questions:

- (1). What is the role of falling rollers in beam warping? [01]
- (2). State two types of creel used in beam warping. [02]
- (3). _____ records the length of warp wound on the warping beam. [01]
- (4). _____ is used for stirring the size mix constantly in the size box. [01]
- (5). Give the function of softner in the size mix. [02]
- (6). Total spun yarn require _____% less size than the ring spun yarn. [01]
- (7). Give two methods of size preparation. [02]

Q.4(b): Explain the concept of single end sizing in detail. [10]

Q.5(a): Explain in detail hot air sizing. [10]

(b): Explain the passage of warp through ordinary beam warping machine. [05]

[OR]

Q.5(a): Explain in detail multi-cylinder sizing. [10]

(b): Describe the objects of beam warping. [05]

Q.6: Write short notes on any three of the following: [15]

- (a). Sizing ingredients.
- (b). Polyester filament sizing.
- (c). Clock measuring system.
- (d). Barber colman super speed beam warper.