



**SF-7205**

**B. E. III (Sem. VI) (T.T.) Examination**

**May / June - 2011**

**Fabric Structure - II**

*(Old Course)*

Time : 3 Hours]

[Total Marks : 100

**Instructions :**

(1)

नीचे दृशावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. 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. 3 (Sem. 6) (T.T.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Fabric Structure - 2 (Old)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="5"/>	Section No. (1, 2,.....) : <input type="text" value="1&amp;2"/>
	Student's Signature

- (2) Answers to the two sections must be written in separate answer books.
- (3) Figures to the right indicate full marks.
- (4) Tie two sections separately.

**SECTION - I**

- 1 (a) Do as directed : 5
- (i) In the weft face fabric linear production is less. (State True or False)
- (ii) Warp Crimp decides the reed width. (State True or False)
- (iii) Wadded yarn does not make any interlacement with the face and back structure. (State True or False)
- (iv) In the corded velveteen, tufts are arranged in the vertical stripe form. (State True or False)
- (v) Combination of simple Warping, simple Wefting and Check weave gives \_\_\_\_\_ pattern.
- (b) Draw only designs for the following : 15
- (i) Hair line effect
- (ii) Step Pattern
- (iii) Double cloth
- (iv) Simple check pattern.
- 2 (a) Draw only Designs for the following : 5
- Weft wadded double cloth

- (b) Draw design, draft and pegplan for reversible warp back cloth. 10

**OR**

- 2 (a) Draw only Designs for the following : 9  
(i) Twill back velveteen  
(ii) Plain back velveteen with fast pile (draw cross section also)
- (b) Explain Pile height, Pile Density and factors affecting it. 6
- 3 Write short notes on : (any three) 15  
(i) Reed width and Reed count.  
(ii) Methods of removing surplus extra threads in figuring cloth  
(iii) Wire Warp Pile  
(iv) Interchanging double cloth.

**SECTION - II**

- 4 (a) Do as directed :  
(i) Give design and cross sections for the following : 5  
(a) 30 pick terry  
(b) 6-pick terry with fast pile anchorage  
(ii) Illustrate the following : 5  
(a) Top and Bottom Douping  
(b) Structure of Leno weaving with a single beam
- (b) Give design, draft and pegplan of single continuous extra warp figuring. 10
- 5 (a) Describe the basic sheds formed in leno weaving with a flat steel slotted doup. 9  
(b) why figuring fabrics are stitched by means of extra threads. Explain with suitable design stitching by means of special ends. 6

**OR**

- 5 (a) Discuss in detail, the special mechanisms required for weaving terry fabrics. 9  
(b) Give the construction and features of Russian cord. 6
- 6 Write short notes on : (any three) 15  
(i) Different methods of removing surplus extra threads in figuring fabrics.  
(ii) Types of terry Fabrics  
(iii) Terry Stripes  
(iv) Counter Leno.