

17571

14115

3 Hours / 100 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FIVE of the following: 20

- State the concept and position of cutting ends and corded ends in all bed ford cord structures.
- Mention number of cord ends and cutting ends required for 2, repeats of plain faced Bed ford cord.
- Elaborate the types of double cloths and their end uses.
- How the number of threads and weave are selected in the formation of double cloth?
- Which precautions are taken during beaming and drafting warped backed cloth?
- Write methods and applications of disposing surplus extra threads.
- Differentiate between gauze and leno structure.

P.T.O.

- 2. Attempt any TWO of the following:** **16**
- a) Draw twill faced Bed ford cord structure with draft denting order and peg plan.
 - b) Construct wadded Bed ford cord design with draft, denting order and lifting plan.
 - c) Show by using cross-section, the formation of $\frac{3}{1}$ twill faced Bed ford cord.
- 3. Attempt any TWO of the following:** **16**
- a) Give the steps in the development of warp backed cloth.
 - b) Compare warp and weft backed cloth for eight points.
 - c) Develop one leno design using 2 standard and 1 crossing ends. Use at least 12 picks.
- 4. Attempt any TWO of the following:** **16**
- a) Describe with sketch basic sheds of leno weaving.
 - b) Draw twill back velveteen structure with cross sections.
 - c) Describe step by step the formation of 4 pick Terry Structure along with special requirements in weaving.
- 5. Attempt any TWO of the following:** **16**
- a) Develop one reversible double cloth design and draw both cross-sections.
 - b) Compare extra warp and extra weft thread methods and designs for eight points.
 - c) Describe with the help of sketch, design, needle order and cam order to prepare 'swiss pique' design.

6. Attempt any TWO of the following:**16**

- a) Compare Rib and Interlock fabrics and methods of manufacturing atleast for eight points.
 - b) Show the patterns in Single Jersey using knit-tuck miss with three feeder supply.
 - c) Describe the development of square pattern design in weft knitting.
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