

17571

21819

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. Answer any FIVE :

20

- (a) Compare Bedford cord and pique structure.
- (b) What are semi-compound fabric structure ? State in brief special features of its structure.
- (c) Give characteristic features and uses of BACKED CLOTHS.
- (d) Classify Double Cloths into different catagories.
- (e) What are advantages of Extra Warp figuring as compare to Extra Weft figuring.
- (f) Draw the sketch of three basic sheds for Leno Weaving.
- (g) Classify the weft pile structures.
- (h) Explain briefly two types of basic knitting structures with help of drawing.

2. Answer any FOUR :**16**

- (a) State the characteristic features of Bedford cord with different types of Bedford cord. Draw design, draft, Peg plan and cross-section of plain face wadied Bedford cord.
- (b) Explain characteristics of warp backed cloths and give suitable reasons for this statement “Weft Backing is sometimes used in preference to warp backing”.
- (c) Draw a point paper design for self-stitched double cloth with warp tie method and draw cross-section.
- (d) Explain disadvantages of Extra Warp figuring as compared to Extra Weft figuring.
- (e) List the five methods of producing the Leno Structure and give importance of an Easer and Shaker device.
- (f) Explain characteristics of corded Velveteens also known as ‘corduroys’. Draw design and corresponding cross-section of the same.

3. Answer any FOUR :**16**

- (a) Construct the design for wadded welt with cross-sectional view.
- (b) Compare warp backed cloth with weft backed cloth with all respects.
- (c) Draw a point paper design for self-stitched double cloth with weft tie method.
- (d) Draw small design assuming your own motif for
 - (i) Extra Warp figuring
 - (ii) Extra Weft figuring
- (e) Explain Flat Steel Doup with an eye with neat diagram.
- (f) Compare Velveteens and Velvet structure.

4. Answer any FOUR :**16**

- (a) Give suitable production particulars for a PLAIN PLIQUE structure and explain in brief.
- (b) Construct weft-backed and warp wadded design with respect to backed cloths with wadding threads.
- (c) Construction weft-wadded self-stitched double cloth.
- (d) Explain characteristic features of Extra Warp figuring.
- (e) What is super doup wire ? Draw only different shed diagram of Leno Weaving with Super Doup Wire.
- (f) Draw only thread line diagram of three pick Terry pile structure.

5. Answer any FOUR :**16**

- (a) Construct plain pique structure with cross-sectional view diagram.
- (b) Construct Warp-backed and weft-wadded design with respect to backed cloths with wadding threads.
- (c) Construct Warp-backed self-stitched Double Cloth.
- (d) Explain characteristic features of Extra Weft figuring.
- (e) Mark thread diagram of Russian cord.
- (f) Marks the NET-LENO design on point paper.

6. Answer any FOUR :**16**

- (a) Mark centre weft stitched Double cloth design on point paper with Graphical representation.
- (b) Mark Thread Interchanging Double cloth design on point paper assuming suitable motif.

P.T.O.

- (c) Draw following weft knit structure :
- (i) Swiss pique
 - (ii) Ponte-di-roma.
- (d) Draw following warp knit structure :
- (i) FULL TRICOT
 - (ii) Queen's cord
- (e) Explain how twill effect can be produced using a 4 feeder multi cam track single jersey machine.
- (f) Explain how square pattern can be produced using 4 feeder multi cam track single jersey machine.
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