

17571

11920

3 Hours / 100 Marks

Seat No.

--	--	--	--	--	--	--	--	--

- 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 TEN :

20

- (a) Classify pile structure.
- (b) Enlist various rib fabrics.
- (c) Enlist various types of double cloth.
- (d) Classify velveteens.
- (e) Draw design of texi pique.
- (f) State the uses of pile structure.
- (g) State uses of gauze and leno structure fabrics.
- (h) Recite the uses of backed cloths.
- (i) What is wedding ends ?
- (j) What are welts ?
- (k) What is pile fabric ?
- (l) What is the role of wadding threads ?

- 2. Attempt any TWO :** **16**
- (a) Give the design, draft, peg plan and cross section for a self stitched double cloth having following particulars :
- Face weave – 4/4 twill
Back weave – 4/4 twill
Ratio of face to back ends – 1:1
Ratio of face to back picks – 1:1
- (b) What are the methods of producing warp pile fabric ? Explain any one of them with neat sketch.
- (c) Differentiate any eight between extra warp and extra weft.
- 3. Attempt any TWO :** **16**
- (a) Explain methods of introducing extra warp figuring.
- (b) Differentiate between weft backed and warp backed fabrics.
- (c) Explain twill faced Bedford cord with suitable example.
- 4. Attempt any TWO :** **16**
- (a) Explain fast back welts with design, draft, peg plan and cross sectional views with suitable example.
- (b) Explain warp backed fabric with suitable example.
- (c) Give design, draft peg plan for a perforated mock leno fabric on a repeat of 14×6 .
- 5. Attempt any TWO :** **16**
- (a) Explain the step by step development in self-stitched double cloth.
- (b) Draw design, needle order, cam order of Swiss pique design.
- (c) (i) Differentiate between gauze and leno structure.
(ii) Explain principle of leno structure.
- 6. Attempt any TWO :** **16**
- (a) Explain how square pattern can be produced in weft knitting.
- (b) Elaborate how twill effect can be obtain by using four feeder.
- (c) Explain step by step development of weft backed cloth.
-