

**Scheme – I**  
**Sample Question Paper**

**Program Name** : Diploma in Fashion and Clothing Technology  
**Program Code** : DC  
**Semester** : Fourth  
**Course Title** : Fabric Structure  
**Max. Marks** : 70

22468

**Time: 3 Hrs.**

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**Instructions:**

- (1) All questions are compulsory.
- (2) Illustrate your answers with neat sketches wherever necessary.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data if necessary.
- (5) Preferably, write the answers in sequential order.

**Q.1 Attempt any FIVE of the following.**

**10 Marks**

- a) Draw interlace diagram of fabric.
- b) List four methods to ornamentation the plain weave
- c) Sketch the basic twill weave on design paper.
- d) State the concept of satin weave
- e) List Features of satin weave.
- f) Classify the pile weave.
- g) List the features of MOCK LENO weave.

**Q.2 Attempt any Three of the following.**

**12 Marks**

- a) Define following term,
  - E.P.I
  - P.P.dm
- b) Draw the design, draft and lifting plan of irregular matt weave.
- c) Construct the pointed twill weave with interlacement order of 2 up 2down.
- d) Draw the design, draft and lifting plan for 2/2 balanced twill weave.

**Q.3) Attempt any Three of the following.**

**12 Marks**

- a) Determine the yarn count in TEX, If yarn weight is 20gm and length of yarn is 1000 meter.

- b) Sketch the design of plain weave and express the warp cross sectional view for the same.
- c) Distinguish between warp faced and weft faced twill weave with relevant example.
- d) Describe the steps for selecting the move number for constructing satin weave.

**Q.4) Attempt any Three of the following.**

**12 Marks**

- a) State the concept of draft and lifting plan with relevant example.
- b) Draw the design, draft and lifting plan of warp rib weave on 2 x 8 repeat.
- c) Draw the design of 4up, 2down twill weave.
- d) Distinguish between satin and sateen weave with relevant example.
- e) Construct the MOCK- LENO structure on 8X 8 Repeat.

**Q.5 Attempt any TWO.**

**12 Marks**

- a) Construct the 8 end ordinary honey comb and fix the draft, lifting plan for the same.
- b) Construct the 6 end irregular satin weave and sketch the draft, peg plan for the same.
- c) Construct the transposed twill weaves with following particulars,
  - Base weave 3 up 3 down
  - Repeat size 12 X 12
  - Transposition of 3

**Q.6 Attempt any TWO.**

**12 Marks**

- a) Distinguish between ordinary honeycomb weave and Brighton honeycomb weave.
- b) Construct the design of plain faced bed ford cord with pair of pick principle by taking ratio of 2:4.
- c) Distinguish between the extra warp and extra weft figuring with relevant example.

**Scheme – I**  
**Sample Test Paper - I**

**Program Name** : Diploma in Fashion and Clothing Technology  
**Program Code** : DC  
**Semester** : Fourth  
**Course Title** : Fabric Structure  
**Max. Marks** : 20

22468

**Time: 1 hour**

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**Instructions:** All questions are compulsory

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2. Figures to the right indicate full marks
3. Assume suitable data if necessary
4. Preferably, write the answers in sequential order

**Q.1 Attempt any FOUR.**

**(08 Marks)**

- a) Define the term lifting order.
- b) State the meaning of draft.
- c) Draw the design of plain weave.
- d) Give the classification of twill weave.
- e) Draw the design of 3 up 2 down warp rib weave.
- f) Write the characteristic features of plain weave.

**Q.2 Attempt any THREE.**

**(12 Marks)**

- a) Draw the design of irregular weft rib structure.
- b) Distinguish between warp rib and weft rib structures.
- c) Draw the design of balanced twill on 3 up 3 down weave.
- d) State the concept of transposed twill.

**Scheme – I**  
**Sample Test Paper - II**

**Program Name** : Diploma in Fashion and Clothing Technology  
**Program Code** : DC  
**Semester** : Fourth  
**Course Title** : Fabric Structure  
**Max. Marks** : 20

22468

**Time: 1 hour**

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**Instructions:** All questions are compulsory

1. Illustrate your answers with neat sketches wherever necessary
2. Figures to the right indicate full marks
3. Assume suitable data if necessary
4. Preferably, write the answers in sequential order

**Q.1 Attempt any FOUR.**

**(08 Marks)**

- a) State the features of satin weave.
- b) Draw the design of 4 end satin weave.
- c) List features of crape weave.
- d) State the concept of backed fabrics.
- e) List the features of double cloth.
- f) Classify the pile weave.

**Q.2 Attempt any THREE.**

**(12 Marks)**

- a) Distinguish between satin and sateen weave.
- b) Distinguish between extra warp and extra weft figuring.
- c) Develop the ordinary honeycomb design on 5 heald shafts.