



# 17336

15162

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. Solve **any ten** of the following :

**20**

- a) Write two possible kinds of interlacing.
- b) Draw the diagram showing warp over weft.
- c) Write the representation of vertical and horizontal space in point paper.
- d) Write any two names of draft used in weaving.
- e) State the concept of weft rib weave.
- f) What is satin ?
- g) Write the characteristic features of poplin.
- h) Write the formula of weft cover factor.
- i) Write the characteristic features of drill.
- j) Define English cotton count.
- k) Write the characteristic features of Lawn.
  - l) State the concept of "Regular" in developing weave.
- m) What is left hand twill weave ?
- n) State the applications of crepe fabric.

2. Solve **any four** of the following :

**16**

- a) State the concept of unbalanced cloth.
- b) Mark the design of irregular warp rib. Show two repeats.
- c) Mark the design of regular weft rib. Show four repeats.
- d) How hopsack weave is constructed ?
- e) Mark 4/4 hopsack weave. Show two repeats.
- f) Write the concept of balancing of warp pattern.

**P.T.O.**



- 3. Solve any four of the following :** **16**
- a) How to produce the Blistered effect in the fabric ?
  - b) State the concept of development of seersucker effect.
  - c) Mark the  $\frac{4}{2} \frac{2}{2}$  left hand twill weave.
  - d) Write the difference between warp-faced twill and weft faced twill.
  - e) Write the speciality of pointed twill.
  - f) Mark the design of weft faced twill on  $10 \times 10$ .
- 4. Solve any four of the following :** **16**
- a) Mark the design of 8 End Regular Satin.
  - b) Write the rules of finding move number in development of regular and irregular satin design.
  - c) Mark the design of 6 End Irregular Satin.
  - d) What are the special features of Mockleno fabric ?
  - e) Write the appearance and feel of the crepe woven fabric. Enlist various methods used in crepe weave formation.
  - f) Write the special features of Huck-a-back.
- 5. Solve any two of the following :** **16**
- a) Mark the design of Brighton honey-comb on  $16 \times 16$ .
  - b) Mark the design of ordinary welt on  $3 \times 10$ . Show two repeats. Draw the cross-section.
  - c) What are Bedford Cords ? How they are different from ordinary cords ? Write the requirements of formation of Bedford Cord fabrics.
- 6. Solve any two of the following :** **16**
- a) Write the purpose and characteristics of following cloths :
    - i) Backed cloth
    - ii) Double cloth.
  - b) Write the classification of Velvet and Velveteen. Draw the design of plain back velveteen.
  - c) i) State the concept of density of piles/cm<sup>2</sup>.  
ii) Mark the design of Herring-bone twill.
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