

# **Paper Code: 5133**

## **M.A. FINAL**

### **Paper – VII**

#### **Advance Textile and Family Clothing**

##### **Unit I**

1. Essential of Design:
  - (a) Review of the design, elements and art principles applied in textile designing.
  - (b) Classification of design: Structural and decorative, Types of motifs – natural, stylized, abstract, geometric.
  - (c) Textile design: Layout in design. Pattern repeat for all over pattern.
  - (d) Developing designs for decorating fabrics for various end uses.

##### **Unit II**

2. Importance and objectives of textile testing.
3. Standardization and research organization working in the field of textiles.
  - (a) Fabric construction analysis – weave ends picks, count weight, crimp thickness.
  - (b) Dimensional stability of fabric shrinkage, heat setting.
  - (c) Apparel fabric properties, their measurements and advantages – strength, crease recovery, stiffness.

##### **Unit III**

- Fabric construction methods – Foam, felt and non woven.
- Weft knitting, warp knitting and hosiery stitches.
- Fabric finishes – chemical and functional finishes.
- Chemical constitution of dyes, application methods and suitability of various dyes to different fibres.

#### **Unit IV**

- Role of clothing in sociological. Psychological and personality development of human being. Impact of society on clothing choices, fashion, fads, conformity, mobility.
- Factors affecting choice of clothes, Physical, aesthetic, economic and social clothing needs of family, requirement of child's clothing family, budget and wardrobe planning.
- Selection of fabrics for clothing and furnishing items.

#### **Unit V**

- Pattern making techniques – drafting flat pattern.
- Matching of checks and plaids.
- Fitting – principles of fitting, factor affecting good fit, common fitting problems of blouse, remedying fitting defects.

#### **References:**

1. Booth, 1968, Principles of textile testing, Newness Butterworths, London.
2. Potter, R. 1957, fiber to fabric, Corbman Gregg Publishing Div. Mc. Hill.
3. Skinkle, Textile Testing, 1949, D.B. Taraporevala Sons and Co. Bombay.
4. Bogle, Michad, 1977, Textile dyes, finishes and auxiliaries. Garland Pub. Inch. New York.
5. Marsh, J.T. 1979. An Introduction to textile finishing, IBH Publication, New Delhi.
6. Nattale Bray, Dress designing.
7. Peters: Textile chemistry.