

DEPARTMENT OF TEXTILE TECHNOLOGY

MAJOR TEST

TTL 751 Apparel Engineering and Quality control

Max. Marks : 50

1. Discuss the utility of low stress mechanical properties of fabrics in apparel manufacturing. What are various other applications of low stress mechanical properties ? How these properties are related to various clothing manufacturing operations ?
2. Define formability. How it is estimated ? Distinguish between KES & Lindberg concept of formability. Describe its significance in clothing manufacture .
3. What are various mechanisms of seam pucker ? How seam pucker can be minimized at different situations ? What are different objective methods available to measure seam pucker ?
4. Justify that both mechanical and thermal damage are two biggest contributors to sewability. Describe a model to assess the thermal damage during the sewing process.
5. Distinguish following pairs.

1. Under pressing - Top Pressing
2. Lining - Inter lining
3. Stitch -Seam
4. Sewability vs Tailorability
5. Major and minor defects