

314350

24225

03 Hours / 70 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) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (7) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

1. **Attempt any FIVE of the following:** **10**
- a) State the subjective aspects of the quality.
  - b) List any four sewing defects.
  - c) List down actions to be taken in spreading process.
  - d) Enlist different blend analysis methods.
  - e) Enlist quality improvement tools.
  - f) Enlist the pressing defects.
  - g) Define acceptable quality level.

P.T.O.

- 2. Attempt any THREE of the following:** **12**
- a) Explain relevant test methods used for inspection of button, zipper and label.
  - b) Explain quality assurance in fashion.
  - c) Explain compatibility test for fusible interlining.
  - d) List any four finishing defects for garment, their causes and remedies.
- 3. Attempt any THREE of the following:** **12**
- a) Explain quality improvement methodologies used in apparel manufacturing.
  - b) Explain measurement of seam efficiency test.
  - c) Explain the factors of inspection for a sewing thread.
  - d) Explain various types of sampling methods used for quality inspection of fabrics.
- 4. Attempt any THREE of the following:** **12**
- a) Explain ten point system of fabric inspection.
  - b) Suggest corrective actions to be taken during spreading and cutting for given width and length of fabric.
  - c) Describe test for measurement of colour fastness to rubbing.
  - d) Explain the factors to be considered in cutting department for factory evaluation.
  - e) Explain shrinkage due to swelling and contraction in fibers.

**5. Attempt any TWO of the following:****12**

- a) Explain dependency of management and workers in quality improvement.
- b) Describe in brief flammability testing.
- c) Describe dimensions of quality with respect to garment industry.

**6. Attempt any TWO of the following:****12**

- a) Describe elastic testing for degradation due to repeated laundering.
  - b) Describe the procedure to measure bow and skewness in given fabric.
  - c) Explain six-sigma for quality improvement.
-