

22666

22223

3 Hours / 70 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. **Attempt any FIVE of the following.** **10**
- a) Discuss briefly objective and subjective aspects of quality.
  - b) Define quality control and measure's to be taken for manufacturing a shirt.
  - c) Define Bow and Skewness in fabric.
  - d) List down actions to be taken in spreading process.
  - e) Define acceptable quality level.
  - f) Define colour fastness.
  - g) Define lean Management.

P.T.O.

- 2. Attempt any THREE of the following. 12**
- a) Describe process of the quality control for formal men's wear. (Shirt and Trouser)
  - b) Explain 10 points of inspection system.
  - c) Explain procedure for marker making inspection.
  - d) Describe importance of measurement of seam efficiency in a women wear (kurti).
- 3. Attempt any THREE of the following. 12**
- a) Describe the eight dimensions of quality with respect to garment industry.
  - b) Explain in detail the factors of inspection for a sewing thread.
  - c) Describe shrinkage and swelling effect on cotton polyester fabric.
  - d) Explain in detail quality improvement methodologies used in apparel manufacturing.
  - e) Enlist the factor's cause for fabric wastage in industries.
- 4. Attempt any THREE of the following. 12**
- a) Define quality and quality assurance.
  - b) Explain the test for testing zipper strength.
  - c) State the reasons for finishing defects.
  - d) Explain the roles of management and worker in quality improvement in garment industry.
- 5. Attempt any TWO of the following. 12**
- a) Explain seven tools of quality analysis.
  - b) Enlist all the fabric defects and explain in detail any four defects.
  - c) Explain in detail test conducted for colorfastness to rubbing and washing.

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**Marks**

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

**12**

- a) State the process to be adopted to take corrective action to control sewing fabric defect.
- b) Explain in detail seam strength, seam efficiency and seam slippage as well as test's used to inspect it.
- c) Describe factors to evaluate marker making, spreading, cutting and sewing.

**OR**

Describe factors to evaluate final inspection of the kids' wear.

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