



# 17681

16172

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) *Assume suitable data, if necessary.*
  - (4) *Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.*

**Marks**

- 1. Solve any five :** **20**
- a) Define quality. Write a notes on quality of fabric.
  - b) Explain the term 'dimensional stability' in the fabrics.
  - c) Enlist various fabric inspection systems. Describe any one.
  - d) Define snagging. Enlist the causes of snagging.
  - e) Explain the reasons for seam puckering.
  - f) State advantages of maintaining quality in garments.
  - g) State the objective of crocking test and give the procedure for the same for zipper finish.
- 2. Solve any two :** **16**
- a) Explain the shrinkage test for fabric due to laundering. Give its significance with respect to measurement chart in export oriented garments.
  - b) Write the test for fusible interlining for following terms :
    - i) Compatibility
    - ii) Shrinkage
    - iii) Bond strength
  - c) Enlist any 4 quality check points in spreading. Also give probable faults and suggest remedial measures for the same.
- 3. Solve any two :** **16**
- a) Differentiate between random sampling and statistical sampling. Give the significance of AQL in garment industry.
  - b) State the tests for zippers
    - 1) Durability of finish to wash
    - 2) Color fastness to dry cleaning
  - c) Enlist any 4 defects occur in garment apparent on inspection table and mannequins. Suggest their solutions.

**P.T.O.**

**4. Solve any two :****16**

- a) Enlist various major and minor defects found in fabric inspection. Explain 4 point system of fabric inspection.
- b) Elaborate testing of elastic tape for its labeled size.
- c) 'Garment manufacturer can control the quality of garment in cutting'. Justify.

**5. Solve any two :****16**

- a) Define bow and skewness. Explain the procedure for measurement of bow and skewness.
- b) Define seam puckering. Discuss the effect of physical properties on seam puckering.
- c) Enlist various parameters for testing knit fabrics. Explain bursting test for knitted fabrics.

**6. Solve any two :****16**

- a) Explain the effect of sewing thread parameters on puckering.
  - b) Give the significance of following in product labelling :
    - 1) Flammability
    - 2) Fibre content
    - 3) Origin marking
  - c) Describe the documentation procedure for quality assurance. Draw the symbols for care measures :
    - i) Wash
    - ii) Dry
    - iii) Dry clean
    - iv) Ironing
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