

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

**Paper ID : 164859**

Roll No. 

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**B. TECH.**

**Theory Examination (Semester-VIII) 2015-16**

**QUALITY CONTROL FOR HOME TEXTILE**

**Time : 3 Hours**

**Max. Marks : 100**

**Section-A**

- 1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10 = 20)**

- (a) Enlist seven tools of quality.
- (b) What is Pareto chart?
- (c) Enlist various sources of standards.
- (d) Describe inspection loop.
- (e) Write down the various parts of a zipper.

- (f) Write down causes and remedies of ply-to-ply fusion of fabrics during cutting.
- (g) What is skip bundle sampling plan?
- (h) Enlist some important fabric defects.
- (i) What is the precision of test methods?
- (j) What is the seam efficiency?

**2. Attempt any five questions from this section.**

(10×5 = 50)

- (a) Explain various factors that affect seam strength.
- (b) Discuss various check points of "Zippers" and "Buttons" before use.
- (c) Write down various seaming defects.
- (d) Explain any 5-final defects that may appear in home textile products.

- (e) What do you understand about "Sewability of Fabrics"?
- (f) What are "Durable press/Permanent Press" and "Wash and wear/minimum care"? How can you evaluate "Durable press" property of home textiles?
- (g) Explain 4-point grading system for fabric defects.
- (h) Explain various parameters and its measurement method for evaluating the performance of Fusible Interlinings.

**Note: Attempt any two questions from this section.**

(15×2 = 30)

- 3. Explain various causes for dimensional changes in apparel due to laundering, dry-cleaning, steaming and pressing. Write down the procedure for evaluating this property.
- 4. Explain American care labeling system.
- 5. A fabric roll 120 yards long and 48 inches wide contains the following defects:

2 defects up to 3 inches, 5 defects over 3 inches but less than 6 inches, 2 defects over 6 inches but less than 9 inches, 2 defects over 9 inches.

Calculate total defect points per 100 square yards of fabric roll in 4-point grading system.

