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**B. TECH.**  
**(SEM. VII) EXAMINATION 2020-21**  
**QUALITY CONTROL IN HOME TEXTILES**

*Time: 3 Hours**Total Marks: 100***Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****2 x 10 = 20**

a.	What is quality?
b.	What is cause and effect diagram?
c.	What is the importance of notches?
d.	What do you understand by final inspection?
e.	What is the accuracy of test methods?
f.	Write down standard atmospheric conditions for textile testing.
g.	What is bias or bowed condition of a fabric?
h.	Define bonded furnishing fabric.
i.	Write down name of two factors, which are measured during flammability of clothing.
j.	Write down instruments name for fabric colour measurements.

**SECTION B****2. Attempt any three of the following:****10x3=30**

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 be appeared in home textile products.
e.	What do you understand about “Sewability of Fabrics”?

**SECTION C****3. Attempt any one part of the following:****10x1=10**

a.	What are “Durable press/Permanent Press” and “Wash and wear/minimum care”? How can you evaluate “Durable press” property of home textiles?
b.	Explain 4-point grading system for fabric defects.

**4. Attempt any one part of the following:****10x1=10**

a.	Explain various parameters and its measurement method for evaluating the performance of Fusible Interlinings.
b.	Explain various causes for dimensional changes in apparel due to laundering, dry-cleaning, steaming and pressing. Write down the procedure for evaluating this property.

**5. Attempt any one part of the following:****10x1=10**

a.	Explain American care labeling system.
b.	What is the purpose of shade sorting in home textile industry? Write down different reasons for shade variation of a color in fabric.

different



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**6. Attempt any *one* part of the following: 10x1=10**

a.	What are the different test methods for performance of a zipper? Explain different areas of testing of zipper strength.
b.	Explain 45° flammability test method with suitable sketch.

**7. Attempt any *one* part of the following: 10x1=10**

a.	Explain skip bundle sampling plan with suitable example.
b.	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.