

Dec.-22-0285

TE-601 (Textile Testing-II)

B.Tech. 6th (CBCS)

Time : 3 Hours

Max. Marks : 60

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt Five questions in all. Question no. 9 in Section E is compulsory. Rest attempt one question each from Sections A, B, C, and D.

**SECTION - A**

1. Discuss the method of measurement for thickness and cover factor of fabric. (10)
2. Differentiate between tearing and bursting strength. Explain the method of measurement of fabric bursting strength. (4+6=10)

**SECTION - B**

3. (a) Give classification of comfort. (3)  
(b) Explain a method of measurement for flame resistance of fabric. (7)
4. (a) Discuss the factors influencing fabric handle. (6)  
(b) How do you assess the stiffness of a fabric? (4)

**SECTION - C**

5. (a) What is seam slippage? Explain a method of measuring seam slippage. (6)  
(b) Discuss various factors that affect seam strength of a garment. (4)

6. What do you understand by seam pucker? Explain different types of seam pucker, their causes and remedies. (10)

**SECTION - D**

7. Define reproducibility and repeatability. Describe the causes of variation in fabric quality. Why is it important to keep track of quality cost? (10)
8. (a) What is textile product labelling? Explain the information which they convey. (6)  
(b) Explain the difference between quality control and quality assurance. (4)

**SECTION - E**

9. (a) Differentiate between crimp and shrinkage.  
(b) List various international quality parameters.  
(c) What is the purpose of snagging test?  
(d) What are the fiber properties which lead to pill formation?  
(e) What are the causes of Barre effect?  
(f) State the factors on which air permeability of fabrics depend.  
(g) What is the difference between waterproof and water permeability?  
(h) What are the causes of stickiness in yarn?  
(i) List the advantages of FAST in garment industry.  
(j) What is the need to measure seam strength? (10×2=20)