



Sl. No.

B.Sc. II Semester Degree Examination, Sept./Oct. - 2024

GARMENT MANUFACTURING TECHNOLOGY

DSC3-02 MODEL - B : Fabric Formation and Structure

(NEP)

Time : 2 Hours

Maximum Marks : 60

Note : Answer **all** sections.

SECTION - A

I. Answer the following sub-questions. Each sub-question carries **one** mark. **10x1=10**

1. (a) What is Weft ?
- (b) What is Sizing ?
- (c) What is Picking motion ?
- (d) What is Take-up motion ?
- (e) What is Denting ?
- (f) Write any two derivatives of Twill weave.
- (g) What is a non-woven fabric ?
- (h) Write any two auxiliary motions of loom.
- (i) What is acupuncture method of non-woven production ?
- (j) What is a Loom ?

SECTION - B

II. Answer **any four** of the following questions. Each question carries **five** marks. **4x5=20**

2. Write a note on classification of fabric.
3. Define any five methods of non-woven production techniques.



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4. With a neat sketch explain the working of Weft Winding Mechanism.
5. With a neat sketch explain the working of Rapier Loom.
6. Explain any two decorative weaves with a graphical representation.
7. Explain the working of Jacquard Shedding mechanism with a neat sketch and parts.

SECTION - C

- III.** Answer **any three** of the following questions. Each question carries **ten** marks. **3x10=30**
8. Explain the methods of fabric formation and properties of different fabrics.
 9. Which are the basic motions of loom ? Explain in detail.
 10. Explain :
 - (a) Types of Warping
 - (b) Necessity of Sizing
 11. Write a note on :
 - (a) Air jet looms
 - (b) Derivatives of Plain Weave
 12. Explain in depth about :
 - (a) Passage of material through a loom.

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