



B.Sc. II Semester Degree Examination, September/October - 2023

GARMENT MANUFACTURING TECHNOLOGY

02 (Model-B) : Fabric Formation and Structure

(NEP)

Time : 2 Hours

Maximum Marks : 60

Note : Answer *all* sections.

SECTION - A

1. Answer the following sub-questions. Each sub-question carries **one** mark. **10x1=10**
- What is weaving ?
 - What is knitting ?
 - What is winding ?
 - Define loom.
 - What is let-off motion ?
 - What is shedding ?
 - Define weave and types of weave representation.
 - Which are the derivatives of plain weave ?
 - Which are Decorative weaves ?
 - What are the shuttleless looms ?

SECTION - B

Answer **any four** of the following questions. Each question carries **five** marks.

4x5=20

- Write a note on introduction to fabric formation and structure.
- Which are the primary motions of loom ? Explain.
- Explain the shuttle and shuttleless looms by the comparison.
- Which are the simple weaves ? Explain about plain weave and their derivatives.
- Which are the decorative weaves ? Explain any two decorative weaves with graphical representation.
- Explain the flow chart for weaving preparatory.



SECTION - C

Answer **any three** of the following questions. Each question carries **ten** marks.

3x10=30

8. Write a note on production of Non woven fabric.
9. Explain the Twill weave with their derivatives with a graphical representation.
10. Make short note on :
 - (a) Water jet looms
 - (b) Rapier looms
11. With a neat sketch explain the passage of material through ordinary loom.
12. Write a note on :
 - (a) Direct waping
 - (b) Cone winding

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