



Daffodil International University

Department of Textile Engineering

Faculty of Engineering

Midterm Examination, Semester: Fall-2026

Course Code: 0723-315

Course Title: Apparel Manufacturing II

Level & Term: L3T2

Section: F1, F2 & F3

Name & Designation of the Course Teacher: Tasphia Zaman, Lecturer and Taofir Ibne Tas Shuvo, Lecturer

Time: 1.5 Hours

Total Marks: 25

Answer all the questions:

1. Briefly **explain** how the mechanical parts in the **stitch forming system** controls uniform stitching. (CO-1, PO-1, C/L-2) $5 \times 1 = 5$
2. **Explain** the type of seam class that could be applied to **join the outseams** and **make belt loops** of a pair of jeans with proper **diagram**. (CO-3, PO-2, C/L-2) $3 + 2 = 5$
3. For the same jeans, unique topstitching is used. **Interpret** the **mechanism** of the stitch class used for **topstitching** with proper **diagram**. (CO-3, PO-2, C/L-2) $3 + 2 = 5$
4. **Choose** the suitable **needles** for sewing **thick woven and leather** products with appropriate explanation. (CO-4, PO-2, C/L-5) $5 \times 1 = 5$
5. For an overlock sewing machine, **needle diameter** is found to be 0.075cm. **Measure** the needle size suitable for the machine in **Singer System** and mention the **type of fabric** you can sew with the needle. Also **evaluate** the **problems** associated with wrong needle with possible **solutions**. (CO-4, PO-2, C/L-5) $2 + 3 = 5$