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Daffodil International University

Class Test 2

Section: 67_G

Marks-15

Date:21/07/2026

Q1. Convert the following CFG into non left recursive: [5 marks]

S→ Af | b

A→ Ac | Sd | Be

B→ Ag | Sh | k

Q2. Convert the following CFG into left factored: [3 marks]

S→ stmt | stmt block ; stmt | stmt block , stmt

stmt→while expr do stmt | while expr do stmt block

Q3: Construct LL(1) parsing table: [7 marks]

S → Bb| cd

B → aB | Є

C→ cC | Є

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