



Daffodil International University
Faculty of Science & Information Technology
Department of Software Engineering

Course Code: SE 312 ; Course Title: Software Quality Assurance and Testing

Time: 30 minutes

13 / 06 / 2026

Marks: 15

Question 01: Define Independent Testing. Compare Developer Testing and Independent Testing. Analyze how test independence improves defect detection effectiveness in software testing. (3)

Question 02: In a banking application project, testers are involved only during system testing and no testing activities such as test planning or test case design are performed during the requirement or design phases. **Identify** which V-Model principle is being violated and explain the possible risks that may arise due to this late involvement of testers. (4)

Question 03: Differentiate between the following terms with appropriate explanation: (4)

- a) Test Case vs Test Scenario
- b) Defect vs Bug vs Failure

Question 04: Draw and explain the ISTQB fundamental test process and identify which phase is most critical, justifying your answer with proper reasoning. (4)