ourdiu.com | Shared by Md Jakaria Hossain

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 **/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)