Tertiary and Vocational Education Commission

NVQ Level 05 –Semester II

Information & Communication Technology

| **Software Testing** | **K72T001M05** | **Three Hours** |

Answer ONLY four (04) questions.

Question 01

1) Describe Software Testing.   (Marks07)
2) Explain the difference between Testing and Debugging.   (Marks06)
3) Define software Bug.   (Marks 07)
4) Why does software have bugs? Give two reasons.   (Marks 05)

Question 02

1) What is Quality Control?   (Marks 05)
2) Describe four components (phases) of the Software Testing Life Cycle.   (Marks 20)

Question 03

1) What is the difference between white box and black box testing?   (Marks 10)
2) List two techniques of black box testing.   (Marks 05)
3) Which test cases are written first: white box or black box testing? Explain answer in brief.
                                                                                     (Marks 10)

Question 04

1) What is verification?   (Marks 10)
2) List two levels of verification.   (Marks 05)
3) Explain usability testing.   (Marks 10)

Question 05

1) List three types of test levels.   (Marks 06)
2) What is Beta Testing?   (Marks 09)
3) What is Integration testing?   (Marks 10)