**TERTIARY AND VOCATIONAL EDUCATION COMMISSION**
**COMMON WRITTEN EXAMINATION**

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| **NVQ Level 06 - Semester I** | | |
| **Information and Communication Technology** | | |
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| **Software Change Management** | **K72C001M12** | **Three Hours** |
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| ***** Answer all four (04) questions** | | |

1.
   a) What are the three stages in Manual development process?          [3 Marks]

   b) Explain ten things to be considered in Manual writing.          [10 Marks]

   c) After doing changes in a software product, software manual also should be changed. Briefly explain that process.          [12 Marks]

2.
   a) Explain the importance of a test plan with five main points.          [10 Marks]

   b) Explain eight main tasks in test planning process.          [8 Marks]

   c) What are the factors that you have to consider when you are evaluating a testing plan?          [7 Marks]

3.
   a) Why do we get change request/s for a software?          [6 Marks]

   b) Explain advantages of change impact analysis.          [9 Marks]

   c) How does the change impact analysis, supports for the data integrity?
          [10 Marks]

4.
   a) Briefly explain how software debugging process supports to perform changes in a software.          [8 Marks]

   b) How does the "change impact analysis" is used when planning a "software testing" for the changes done for the software?          [8 Marks]

   c) Change impact analysis-based testing may cause unknown bugs. Briefly discuss how these issues can be minimized.          [9 Marks]

**-End of the Examination Paper-**