Task 1 (Design & Implementation)

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| **Performance** | **Description** |
| High(17 − 25 Marks) | • Creates an innovative design for the solution• Demonstrates effective ICT skills in the appropriate use of resources• Demonstrates appropriate ICT skills coherently • Demonstrates effective and comprehensive data/information collection, capture and input• Demonstrates effective and comprehensive data/information verification and validation• Demonstrates effective, efficient and comprehensive data/information processing• Creates an appropriate output format of the deliverables that can easily be tested as a solution to the problem |
| Middle(9 − 16 Marks) | • Provides some new ideas in designing the solution• Demonstrates ICT skills in the use of resources with understanding• Demonstrates appropriate ICT skills adequately • Demonstrates reasonable data/information collection, capture and input• Demonstrates reasonable data/information verification and validation• Demonstrates reasonably good quality of data/information processing• Creates an output format of the deliverables that can be tested as a solution to the problem |
| Low(0 − 8 Marks) | • Produces a plain design of the solution• Uses resources with relevant ICT skills• Demonstrates appropriate ICT skills occasionally • Demonstrates an awareness of the necessary data/information collection, capture and input• Demonstrates an awareness of the necessary data/information verification and validation• Carrys out data/information processing relevant to the problem• Creates an output format of the deliverables that can be partially tested as a solution to the problem |
| Feedback: |

Task 2 (Testing & Evaluation)

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| **Performance** | **Description** |
| High(11 − 15 Marks) | • Records test results comprehensively according to the testing plan with quality metrics• Demonstrates a comprehensive methodology in testing and evaluation• Suggests and explain improvement made as a result of testing• Conducts corrective/preventive actions logically• Evaluates the effectiveness of the deliverables relative to the environmental factors• Presents the findings using a systematic style and appropriate terminology• Organises and present the objectives and original thought effectively• Reflect the student’s learning process effectively |
| Middle(6 − 10 Marks) | • Records test results generally according to the testing plan• Demonstrates a general methodology in testing and evaluation• Suggests some practical improvement• Conducts some corrective/preventive actions appropriately• Evaluates the effectiveness of the deliverables relative to the partial environmental factors • Presents the findings with a comprehensible and sensible style• Expresses ideas and visions successfully• Reflects the student’s learning process |
| Low(0 − 5 Marks) | • Records some test results• Demonstrates a basic methodology in testing and evaluation• Attempts to improve the deliverables• Attempts to evaluate the effectiveness of the deliverables• Presents the findings with text and illustration |
| Feedback: |

Summary of Student Performance

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| **Task** | **Mark** |
| Task 1 (Design & Implementation) | /25 |
| Task 2 (Testing & Evaluation) | /15 |
| **Total** | **/40** |

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| **Overall comments:** |
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