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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