**ASSIGNMENT FRONT SHEET**

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| **Qualification** | **Edexcel BTEC Level 5 HND Diploma in Computing and Systems Development** | | |
| **Unit number and title** | **Unit 2: Computer Systems** | | |
| **Assignment due** | 07/05/2016 | **Assignment submitted** | 07/05/2016 |
| **Learner’s name** | Tên SV | **Assessor name** | Hoàng Đức Quang |

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| **Learner declaration:**  I certify that the work submitted for this assignment is my own and research sources are fully acknowledged. | | | |
| **Learner signature** | chữ ký của SV | **Date** | 07/05/2016 |

**Grading grid**

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| P1.1 | P1.2 | P1.3 | P2.1 | P2.2 | P3.1 | P3.2 | P4.1 | P4.2 | M1 | M2 | M3 | D1 | D2 | D3 |
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| **Assignment title** | **Computer Systems** | | | |
| In this assignment, you will have opportunities to provide evidence against the following criteria.  Indicate the page numbers where the evidence can be found. | | | | |
| **Assessment criteria** | | **Expected evidence** | **Task no.** | **Assessor’s Feedback** |
| **LO1. Understand the function of computer systems** | | | | |
| 1.1 explain the role of computer systems in different environments | | A written document which:  Explain the impact of computer systems in social and work, evaluating the role of computer system in different environment | 1.1 |  |
| 1.2 explain the hardware, software and peripheral  components of a computer system | | A written document which:  Explain the main computer hardware components | 1.2 |  |
| 1.3 compare different types of computer systems | | Compare different types of computer systems and the suitability of usage in different environment | 1.3 |  |
| **LO2. Be able to design computer systems** | | | | |
| 2.1 produce a system design specification to meet a  client’s needs | | A Hardware / Software specification document | 2.1 |  |
| 2.2 evaluate the suitability of a system design specification | | A written document which  Justify and evaluate your selection of Hardware/ Software to meet the requirement of the company | 2.2 |  |
| **LO3. Be able to build and configure computer systems** | | | | |
| 3.1 build and configure a computer system to meet a  design specification | | A written document which:  • Show the process of assembling a typical computer.  • Describe in step, how you would install the operating system? | 3.1 |  |
| 3.2 test and document a computer system | | A test report showing the process you would take to verify the installation | 3.2 |  |
| **LO4. Be able to undertake routine maintenance on computer systems** | | | | |
| 4.1 perform routine maintenance tasks on a computer system | | A written document which  • Explain different types of backup and justify your choice of backup strategy for above company?  • Explain the defragmentation tools and how to schedule the defragmentation tools to be executed automatically by the Operating System? | 4.1 |  |
| 4.2 upgrade the hardware and software on a computer  system. | | A written document discusses what needed to be considered before upgrading any hardware or software of an existing computer system. What critical issues should be addressed before any major updates and/or upgrades in an organisation | 4.2 |  |

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| **Assessment criteria** | **Expected Evidence** | **Feedback**  **(note on Merit/Distinction if applicable)** |
| **M1** Identify and apply strategies to find appropriate solutions | 1. Effective judgements have been made. 2. An effective approach to study and research has been applied |  |
| **M2** Select/design and apply appropriate methods/techniques | 1. Relevant theories and techniques have been applied 2. The design of methods/techniques has been justified |  |
| **M3** Present and communicate appropriate findings | 1. An appropriate structure and method has been used and technical language has been accurately used to present the findings. 2. Communication has taken place in familiar and unfamiliar contexts |  |
| **D1** Use critical reflection to evaluate own work and justify valid conclusions | 1. Conclusions have been arrived at through synthesis of ideas and have been justified 2. The validity of results has been evaluated using defined criteria |  |
| **D2** Take responsibility for managing and organising activities | 1. Substantial activities have been planned, managed and organized 2. Activities have been managed |  |
| **D3** Demonstrate convergent/lateral/ creative thinking | 1. Self-evaluation has taken place 2. Problems have been solved |  |

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| Summative feedback | | | |
| **Assessor’s Signature** |  | Date |  |
| IV Grading Check: Comments if any:  Agree  Disagree Modify grade to | | | |
| **IV Signature** |  | Date |  |

**<ATTACHED EVIDENCE>**