**IB403001 System Assembly Project – Marking Schedule**

Name:

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|  | **Overall Grade:** | **/100** |  |
| **Instructions** | **Criteria** | **Grade** | **Out of** |
| **Part 1 - The Report**  **Report Layout**   1. **Cover Page:** This should include what the report is for, your name, the date (due date), and the course name or number. You may have other details as appropriate. | * All the specified elements are included. |  | 2 |
| 1. **Executive Summary:** Provides the "gist" of the report without the reader having to read it in detail. | * Is brief and to the point * Provides the "gist" of the report. * Identifies the purpose and main features of the report. * States the main conclusion of the report. |  | 4 |
| 1. **Table of Contents:** Correct and accurate (matches the sections in the report). Entries are linked to section headings in the report. | * Entries match the sections of the report. * Entries are linked to the appropriate sections in the report. |  | 2 |
| 1. **Introduction:** Why you are doing the report and how you plan to go about it. | * Correctly identifies the purpose of the report. (Why doing it). * Correctly identifies the plan to go about it. * Correctly specifies the scope of the report. |  | 4 |
| 1. **Conclusion:** Relatively short overview of the main ideas that have come out of your work. | * Correctly identifies the main ideas of the report. * Summarises the body of the report. * No new information. |  | 5 |
| 1. The report should be presented using standard technical report format. All parts of the report should be well presented with correct spelling and grammar. The report should be tidy, and the format should be consistent throughout. | * Standard technical report format used. * Spelling is correct. * Grammar is correct. * Format is consistent throughout. |  | 4 |
| **Plan to complete the project**   1. Which operating system have you chosen for the computer system and why did you choose it? | * Operating system is identified. * Reason for choosing operating system is valid. |  | 2 |
| 1. Once you have put the computer together and installed all the relevant software. How will you test that everything is working properly? | * Logical steps identified for testing that computer system is working properly. |  | 2 |
| **Maintenance Plan/Schedule**   1. At least sixteen maintenance tasks need to be included in the plan that are relevant to this computer system. | * Sixteen maintenance tasks are included. * Tasks are relevant to the computer system. |  | 4 |
| 1. The plan needs to include headings for daily, weekly, monthly, and quarterly tasks. Each task needs to be placed under an appropriate heading, depending on how often the task needs to be completed. | * Each task is placed under an appropriate heading. * Selection of each task placement is logical. |  | 2 |
| 1. Two common computer issues that could occur on this computer system are to be identified and a corrective maintenance process needs to be described that could resolve each issue. | * Two relevant common computer issues are identified. * A logical corrective maintenance process is described for each issue. |  | 2 |
| **Selecting additional software** You are required to identify a free / open source software package for each of the below requirements:-   1. An antivirus software package that is not Windows Defender (this is instead of (as an alternative) to Windows Defender). | * Selected software package meets the requirements as requested. |  | 1 |
| 1. A pdf reader package. | * Selected software package meets the requirements as requested. |  | 1 |
| 1. A software package that will allow documents and spreadsheets to be created, saved and printed. This needs to be installed onto the computer and not be a completely Web Based option. | * Selected software package meets the requirements as requested. |  | 1 |
| 1. One other software package that you would recommend installing. Make sure you justify why you think the software package should be installed on this system. | * Another software package has been recommended. * Justification of software package is logical. |  | 3 |
| **Documentation / Reflection on the SBA**   1. Step by step documentation of what was completed during the SBA. This should be written in such a way that another member of this class should be able to follow the documentation and fairly accurately do the same. | * Step by step documentation provided. * The documentation matches what was done. * Documentation facilitates a replication of the processes. |  | 6 |
| 1. Reflection on what you did during the SBA. This should include at least two things that either you could have done better or that you could have included to improve the system for the users. You also need to include in the reflection a justification for the final system that you have set up and two ways it should be able to have a positive effect on the new users. | * Reflection shows some critical thinking of the SBA. * Two improvements have been included. * A justification of the system includes two positive effects for the users. |  | 5 |
| **Part 2 - The SBA (Skills Based Assessment)**  **Step 1 – Construct a computer system**   1. Install the CPU and cooling unit (heatsink and fan) correctly. | * The CPU and cooling unit were installed correctly. |  | 5 |
| 1. Install the memory module (RAM) correctly. | * The RAM was installed correctly. |  | 5 |
| 1. Install the hard drive and connect all the required cables correctly. | * The hard drive was installed correctly. * All cables were connected correctly. |  | 5 |
| 1. Power on the computer and troubleshoot any issues until the POST (Power On Self-Test) is successful. | * Any POST issues were correctly resolved. |  | 5 |
| **Step 2 – Install an operating system**   1. Install the operating system that you selected in part one of the project. This includes making valid configuration selections during the process in order to meet requirements. | * Operating System that was selected in Part One is installed. * All configuration choices made are logical. |  | 10 |
| 1. Check for any driver errors and install drivers until all errors have been corrected. | * Any device driver errors are identified and corrected. |  | 5 |
| **Step 3 – Install additional software packages**   1. Install each of the additional software packages that you selected in part one of the project. | * All software packages selected in Part One are correctly installed. |  | 10 |
| 1. Test that the software packages are working, including both creating a word processing document and downloading and viewing a pdf file. | * Correctly working software is demonstrated. |  | 5 |