

## Unit 14: Installation of applications (2010)

Student Name:

Teacher:

Date:

Assessment Objective	Pass	Merit	Distinction
<b>AO1</b> <i>Demonstrate an understanding of the regulations affecting the registration, installation and use of software</i>	Candidates will describe the licensing arrangement for several applications on a system, including ones they have installed. They will demonstrate an awareness of the use of licenses on more than one site.	Candidates will describe the regulations about applications use and the need for licenses this includes freeware, shareware, individual or site licensing.	Candidates will describe the regulations about applications use and the need for licenses including freeware, shareware, individual or site licensing. This evidence will be provided as a direct result of the applications they have installed.
<b>AO1 NOTES</b>	<b>AO1: P M D</b>		
<b>AO2</b> <i>Install different software applications onto an existing system</i>	Candidates will install at least three applications onto an existing system and provide evidence for this. They will include brief documentation of considerations taken before carrying out these installations.	Candidates will install at least three applications onto an existing system and provide some reasons for installing these applications. They will document the actions to be taken before and during the installations.	Candidates will install a wide range of applications onto an existing system. They will describe why the applications are being installed. They will provide evidence of actions they have taken prior, during and after each installation. It will be evident that a number of applications have been installed by the candidates, ranging from utilities through to applications from the major manufacturers.
<b>AO2 NOTES</b>	<b>AO2: P M D</b>		
<b>AO3</b> <i>Comment on the suitability of the system showing consideration of organisation needs</i>	Candidates will provide a brief report on the suitability of the system which will include: consideration of the compatibility of the new application with existing ones, references to manuals or websites for information and providing file source for upgrades.	Candidates will provide a report which will include: comments on the suitability of the system, consideration of the compatibility of the new application with existing ones, references to manuals or websites for information, file source for upgrades, consideration of whether to carry out fresh installations or upgrades and where to store installation files, and an outline of the installation process.	Candidates will provide a detailed report which will include: comments on the suitability of the system, consideration of the compatibility of the new application with existing ones, references to manuals or websites for information, file source for upgrades, consideration of whether to carry out fresh installations or upgrades and where and how to store installation files, and a clear plan of the installation process.
<b>AO3 NOTES</b>	<b>AO3: P M D</b>		
<b>AO4</b> <i>Identify common types of problems that can arise during the installation of new/upgrade software</i>	Candidates will list common types of faults they have been shown or have experienced during installing applications. They will outline how they would deal with problems prior to, during and after installation.	Candidates may encounter problems during the installations; these problems will be documented clearly. Candidates will describe the means of selecting components the user needs for the installation of large applications. They will include an outline of how they would deal with problems prior to and during installation and how they would overcome these.	Candidates will provide clear, detailed documentation with explanations of common problems that can occur (or have occurred) during an installation. They will also include evaluations of their solutions to the problems they encountered during the various installations such as incompatibility with operating systems, media problems, and incompatibility with other applications. They will include details of methods used to establish replacement of source files, rebooting systems and testing applications post-installation.
<b>AO4 NOTES</b>	<b>AO4: P M D</b>		
<b>AO5</b> <i>Configure software components to install</i>	Candidates will produce a simple check list for installing three different applications. The check list will make reference to selecting the latest version of components but make no reference to user's requirements.	Candidates will produce a check list for installing three different applications which will include the following steps: selection of latest version of components and selecting options to meet some of their user's requirements for the application. They will provide an outline of the implications of not using the latest versions of components.	Candidates will produce a detailed check list for installing three different applications which will include the following steps: selection of latest version of components, a report on the implications on not using latest versions, selecting and implementing options to meet most of their user's requirements for the application.

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<b>AO5 NOTES</b>	<b>AO5: P M D</b>		
<b>AO6</b> <i>Identify common types of faults that can occur in software components</i>	Candidates will identify some common faults that occur in software components. The reasons they provide are brief and not always accurate.	Candidates will identify common faults that occur in software components and how the faults could be rectified. They provide a range of reasons which of mostly accurate. They will relate some of these faults to their own experiences.	Candidates will identify a range of common faults that occur in software components and how the faults could be rectified. They will give accurate and detailed explanations as to why these faults occur. They are able to provide examples of their own experiences and suggest reasons why the common faults could occur.
<b>AO6 NOTES</b>	<b>AO6: P M D</b>		
<b>AO7</b> <i>Un-install a software application</i>	Candidates provide a limited explanation of why a software application had to be uninstalled. Their evidence will include: log of faults, remedial actions attempted, backup of data and removal of application through the use of the operating system 'remove application' feature.	Candidates provide a detailed explanation of why a software application had to be uninstalled. Their evidence will include: log of faults, remedial actions attempted, backup of data and removal of application through the use of the operating system 'remove application' feature.	Candidates provide a detailed explanation of why a software application had to be uninstalled. Their evidence will include: log of faults, remedial actions attempted, registration details securely recorded, backup of data, removal of application through the use of the operating system 'remove application' feature and system testing after un-install. They will provide details of why the application needed removing and the stages of un-installation and some of the problems caused by only deleting directories will be provided.
<b>AO6 NOTES</b>	<b>AO7: P M D</b>		
<b>AO8</b> <i>Test candidate installed software</i>	Candidates will produce evidence that shows they have carried out tests on the installed application. Only some of these tests will be briefly documented.	Candidates will produce evidence that shows they have carried out tests on the installed application. Their test report will be detailed and include consideration of user requirements, their solutions to errors and the effectiveness of these solutions.	Candidates will carry out comprehensive testing on installed software. Their test report will consider: whether user requirements have been addressed, errors that occur and solutions implemented and the effectiveness of solutions implemented. Sources of help will be acknowledged and actions will be documented.
<b>AO6 NOTES</b>	<b>AO8: P M D</b>		

Overall grade awarded for this unit: **PASS** **MERIT** **DISTINCTION** (Circle ONE grade) **Signature:** \_\_\_\_\_