



Mark Scheme (Results)

Summer 2017

BTEC Level 3 National in IT Unit 1: Information Technology Systems (31760H)



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Unit 1: Information Technology Systems –marking grid

General marking guidance

- All learners must receive the same treatment. Examiners must mark the first learner in exactly the same way as they mark the last.
- Marking grids should be applied positively. Learners must be rewarded for what they have shown they can do, rather than be penalised for omissions.
- Examiners should mark according to the marking grid, not according to their perception of where the grade boundaries may lie.
- All marks on the marking grid should be used appropriately.
- All the marks on the marking grid are designed to be awarded. Examiners should always award full marks if deserved. Examiners should also be prepared to award zero marks, if the learner's response is not rewardable according to the marking grid.
- Where judgement is required, a marking grid will provide the principles by which marks will be awarded.
- When examiners are in doubt regarding the application of the marking grid to a learner's response, a senior examiner should be consulted.

Specific marking guidance

The marking grids have been designed to assess learner work holistically. Rows in the grids identify the assessment focus/outcome being targeted. When using a marking grid, the 'best fit' approach should be used.

- Examiners should first make a holistic judgement on which band most closely matches the learner's response and place it within that band. Learners will be placed in the band that best describes their answer.
- The mark awarded within the band will be decided based on the quality of the answer, in response to the assessment focus/outcome and will be modified according to how securely all bullet points are displayed at that band.
- Marks will be awarded towards the top or bottom of that band, depending on how they have evidenced each of the descriptor bullet points.

Question Number	Answer	Mark
1a	Award one mark for identification and one mark for each linked expansion point up to a maximum of two marks each.	4
	The ability to interact/communicate with customers (1) by commenting/responding to reviews/feedback (1) which will promote sales/build up customer relations/allow Ohman to improve his services (1)	
	He could create a 'group' (for buyers and sellers of memorabilia) (1) which could lead to increased sales/contributions of memorabilia for his business (1)	
	Can (post) comments/share photographs/videos of the products / text giving details of the products (1) which would be beneficial for individual items like memorabilia/constantly changing 'one off' stock/giving provenance/validity to the products (1)	
	Can target specific demographics / can use hash tags (1) which will lead to a higher percentage of completed sales (1)	
	Can post positive reviews/suggested improvements about Ohman's business (1) which may encourage potential customers to look at his website/buy products (1)	
	Social networking sites offer measurability, such as statistics on how many times an advert/post has been viewed, shared or commented on (1) which will allow the business to monitor customer opinion and inform future actions/purchases of new stock (1)	
	Accept any other appropriate response.	

Question Number	Answer	Mark
1b	Award one mark for identification and one mark for each expansion point up to a maximum of two marks each.	4
	The nature of the business means that stock is constantly changing/all items are 'one off' (1) uploading new photos/information/videos can be time consuming (1)	
	Customers may post negative comments/or write comments about issues encountered that could be visible to everyone (1) this could impact on the business if not dealt with quickly/effectively / requires constant monitoring of the pages (1)	
	Can become costly over time if used on a cost per click basis (1) and this may not be reflected in increased sales (1)	
	Must be proactive in maintaining page / must ensure it is up to date (1) to attract/maintain customer interest/ ensure maximising exposure/effectiveness (1)	
	Accept any other appropriate response.	

Question	Indicative content		
Number			
1c	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.		
	Learners should discuss the factors that should be considered before making a decision to upgrade the operating system.		
	Needs to consider whether the new OS is necessary/worthwhile.		
	Is the current system supported?		
	 no longer receive product support, bug fixes, and patch releases make the system vulnerable to unauthorised access/malicious attacks 		
	result could be loss of data		
	 Impact on storage of customer data/DPA infringement. 		
	• cost		
	0 OS		
	o installation		
	o training		
	compatibility with		
	o application software		
	o communication software		
	o security software		
	o hardware		
	implementation		
	o when		
	o who		
	staff training		
	o who		
	o when		
	0 COST.		

		-
Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question. Issues are identified but chains of reasoning are not made, leading to a superficial understanding.
		Does not link arguments to the given scenario.
Level 2	3-4	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.
		There is consideration of relevant issues using logical chains of reasoning.
		Considers the various elements of the question and but does not always link arguments to the given scenario.
Level 3	5-6	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.
		There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning that shows a full awareness.
		Carefully considers the various elements of the question and links arguments to the given scenario.

Question	Indicative content		
Number			
1d	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.		
	with respect to the display screen equipment element of the Health and Safety (Display Screen Equipment) Regulations 1992.		
	Ohman must:		
	 analyse workstations to assess and reduce risks 		
	make sure controls are in place		
	provide information and training		
	 provide eye and eyesight tests on request, and special spectacles if needed 		
	 review the assessment when the user or DSE changes. For those 		
	who employ many users of DSE, this guidance		
	Collaboration with staff will help manage the potential problems by :		
	helping spot the risks making sure health and enfetty controls are practical		
	 making sure health and safety controls are practical increasing the lovel of commitment to working in a healthy way. 		
	• Increasing the level of commitment to working in a healthy way. Staff should be trained to follow these steps:		
	 make sure individual characters on the screen are sharp, in focus and 		
	don't flicker or move. If they do, the DSE may need servicing or		
	adjustment		
	 adjust the brightness and contrast controls on the screen to suit lighting conditions in the room 		
	 make sure the screen surface is clean 		
	 when setting up software, choose text that is large enough to read 		
	easily on screen when sitting in a normal comfortable working position		
	• select colours that are easy on the eye (avoid red text on a blue		
	background, or vice versa).		
	Ohman must:		
	 provide an eye test if a member of staff requests one 		
	• pay for a basic pair of frames and lenses if the test shows that the user		
	needs glasses specifically for DSE work		
	• provide further tests if DSE work is considered to cause visual fatigue and at regular intervals after the first test.		

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Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.
		Issues are identified but chains of reasoning are not made, leading to a superficial understanding.
		Does not link arguments to the given scenario.
Level 2	3-4	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.
		There is consideration of relevant issues using logical chains of reasoning.
		not always link arguments to the given scenario.
Level 3	5-6	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.
		There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning that shows a full awareness.
		Carefully considers the various elements of the question and links arguments to the given scenario.

Question Number	Answer	Mark
2a	Award one mark for identification and one mark for each expansion point up to a maximum of two marks each.	4
	Biometric is unique (1) can't be copied/passed on to other people/ID cards that can be passed on to other users/stolen (1)	
	Biometric is part of the person's physical presence (1) no need to carry an ID card/ID cards can be lost/damaged (1)	

Question Number	Indicative content
2b	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.
	Learners discuss how user accounts impact on different user groups of the system.
	User groups created - Students, Teaching Staff, Administrative Staff, IT Technicians. All members of the group automatically get the same access rights.
	All users have a profile that shows what access rights the user has on the system, i.e. what they can/cannot access on the network
	Access rights include access to and limitations on what can be done in the following areas :
	 files/folders applications/software hardware access network administration. All users will be able to log on to a workstation/PC and perform general user tasks.
	File access rights
	 All users will be able to: access own files edit/delete them access specified files in a shared area, copy to own user area. Students will not be able to: access any other users' files delete/edit files in the shared area. Teachers will be able to: add files to the shared area delete/edit files in the shared area delete/edit files in the shared area access/edit/create administrative files relating to students' progress. Admin staff will be able to: access/edit files relating to their particular role, e.g. pupil admin, finance and HR, but will not be able to access admin files outside their remit. IT Technicians will be able to access files required for network administration but are unlikely to be able to access admin files, e.g. pupil admin, finance and HR.
	Application/Software access rights
	Access to applications and software will be limited to what is deemed necessary to carry out the user's role.

<u>Hardware</u>
Access to certain printers/scanners, etc. may be restricted for all users often depending geographical location, but may be to do with types, e.g. colour printers, lasers, ink jet.
Logging on to a PC may be limited for students, e.g. may not be able to log on to a 'teacher' PC.
Network administration
Generally restricted to IT Technicians, although some teachers may be able to carry out simple tasks such as changing passwords.
IT Technicians do most administration tasks on the system:
 install new software, change system settings add/delete users setting quotas, e.g. printing, user space access everyone's files and folders restricting internet access/restricting to particular websites.

document for how to apply levels-based mark schemes*.		
Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.
		Issues are identified but chains of reasoning are not made, leading to a superficial understanding.
		Does not link arguments to the given scenario.
Level 2	3–5	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.
		There is consideration of relevant issues using logical chains of reasoning.
		Considers the various elements of the question and but does not always link arguments to the given scenario.
Level 3	6-8	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.
		There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning that shows a full awareness.
		Carefully considers the various elements of the question and links arguments to the given scenario.

Mark scheme (award up to 8 marks) refer to the guidance on the cover of this

Question number	Indica	tive content	
2c	Answei of know indicat conten some/a for oth	rs will be credited according to the learner's demonstration wledge and understanding of the material, using the ive content and levels descriptors below. The indicative t that follows is not prescriptive. Answers may cover all of the indicative content but learners should be rewarded er relevant answers.	
	A diagram of a potential system/integration of IT systems and connections used to meet the requirements of the scenario.		
	Diagra	m may include:	
	device	s:	
	 laptops (teachers and/or student) personal computer (teachers and/or student) peripheral devices, e.g. mouse, keyboard, graphics tablet smartphone digital camera router modem switches 		
	storage/data sharing:		
	 network server USB/SD card external hard drive 		
 personal computer connected to server using Ethernet laptop (teacher) connected to server using WiFi mouse connected to desktop/laptop using USB/Bluetoe smartphone connected to laptop using USB/WiFi/Bluet USB/eSATA to connect to portable hard drive home broadband connection for VPN (home) WiFi connection for laptop 		sonal computer connected to server using Ethernet top (teacher) connected to server using WiFi use connected to desktop/laptop using USB/Bluetooth artphone connected to laptop using USB/WiFi/Bluetooth B/eSATA to connect to portable hard drive ne broadband connection for VPN me) WiFi connection for laptop	
	data flow:		
	The diagram should show descriptions of the data flow between components and show the direction in which data is exchanged.		
Mark scheme cover of this of	e (awar documen	d up to 10 marks) refer to the guidance on the to for how to apply levels-based mark schemes*.	
Level	Mark	Descriptor	
Level 0	0	No rewardable material.	

Level 1	1-3	Diagram provides partial coverage of appropriate devices. Storage/Data sharing and connection types are used to meet some of the requirements of the scenario, with limited efficiency. Annotations of the data that will be shared between the components of the system are incomplete or contain inaccuracies.
Level 2	4-7	Diagram provides coverage of mostly appropriate devices. Storage/data sharing and connection types are used to meet the majority of the requirements of the scenario, but these may not always be the most efficient. Diagram includes mostly accurate annotations of the data that will be shared among the components of the system
Level 3	8-10	Diagram provides thorough coverage of appropriate device. Storage/data sharing and connection types are used to fully meet the requirements of the scenario. Diagram includes detailed and accurate annotations of the data that will be shared among the components of the system.

Question Number	Indicative content
3a	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.
	information online rather than face to face in this instance.
	Advantages
	Most young adults are IT literate
	 Young people enjoy using technology and may be more willing to take part
	 Participants may feel more comfortable and willing to offer opinions/ ideas online
	 Participants more likely to concentrate on the questions, not be distracted
	Questions can be structured
	 Questions are more focused than a face- to-face discussion, which can go `off topic'
	 Participants do not need to travel to the centre
	 No need to organise a physical meeting room
	 May be able to provide tools to automatically collate the results
	 May be able to provide tool to analyse the results
	Collating feedback from multiple participants can be automated
	Disadvantages
	 Not all young people have the technology/internet connection
	 May create a stigma for those without the required technology
	 The results could be skewed as those without the technology may be from poorer families/who may not be able to afford to take advantage of the new facilities
	 Those without the technology may be the ones who would gain most from additional services at the centre
	 Need an effective system for recording/summarising the main points of the discussion
	 The style of questions needs to be considered so responses are not restricted/limited

Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.
		Issues are identified but chains of reasoning are not made, leading to a superficial understanding.
		Does not link arguments to the given scenario.
Level 2	3-4	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.
		There is consideration of relevant issues using logical chains of reasoning.
		Considers the various elements of the question and but does not always link arguments to the given scenario.
Level 3	5-6	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.
		There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning that shows a full awareness.
		Carefully considers the various elements of the question and links arguments to the given scenario.

Question Number	Answer	Mark
3bi	Award one mark for identification and one mark for each expansion point up to a maximum of two marks each.	6
	Where there are three answers the second mark may be used as either an identification or an expansion point.	
	Validation (1) Use (drop down) list for gender/title (1) to restrict field choice (to pre-set values) (1)	
	Validation (1) Use format check / input masks for postcode/date of birth/telephone number) (1) to ensure correct formatting of fields/correct data type for each 'element' (1)	
	Validation (1) Set length check for telephone number (1)	
	Validation(1) Presence checks/ to check the data has been entered (1)	
	Verification (1) Check that a postcode actually exists (1)	
	Data type for complete telephone number (1) Must be text (1)	
	Calendar for date of birth (1) to restrict field choice to accurate dates (1)	
	Do not allow `list' without expansion. Only award `validation' once.	

Question Number	Indicative content
3bii	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.
	Learners explain the factors that Joseph should consider when setting up the user interface for the online survey.
	 Ease of use/intuitiveness Obvious places for users to enter data Have logical flow through the questions to help users navigate Appropriate controls, e.g. buttons/radio buttons/tick boxes/ drop down menus Pop-up instructions to help users Consistency layout/navigation/fonts/colours
	 Accessibility Provide text alternatives for non-text content Allow 'zoom' facility Make it available to assistive technologies Allow screen reader Use sufficient contrast to make things easy to see Make text readable/understandable/concise/simple Functionality Is all the functionality keyboard accessible? Consider other ways of accessing, e.g. touch screen Provide ways of 'undoing' incorrect responses
	 Performance No lag between submission and next question
	 Compatibility Consider different platforms, e.g. tablets/PC Consider different operating systems, e.g. windows/IOS

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Level	Mark	Descriptor
Level 0	0	No rewardable material.
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.
		Factors are identified but chains of reasoning are not made, leading to a superficial understanding.
		Does not link arguments to the given scenario.
Level 2	3-4	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.
		There is consideration of relevant factors using logical chains of reasoning.
		Considers the various elements of the question and but does not always link arguments to the given scenario.
Level 3	5-6	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.
		There is a balanced and wide ranging consideration of relevant factors, using coherent and logical chains of reasoning that shows a full awareness.
		Carefully considers the various elements of the question and links arguments to the given scenario.

Question	Indicative content		
Number	Answers will be credited according to the learner's demonstration of		
30	knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.		
	Learners discuss the factors that need to be considered when designing the new class booking system in Springtop Leisure Complex.		
	User experience Ease of use Performance Availability 		
	Accessibility		
	Specifications/Compatibility		
	Compatibility with current membership database		
	 Compatibility with tablet/mobile devices/apps 		
	 Compatibility with different web browsers 		
	Connectivity		
	Server on site		
	Remote server/cloud		
	Bandwidth available		
	LOST • Development cost		
	Hardware costs		
	 Opgoing/Rupping costs 		
	Training costs		
	Efficiency/Productivity		
	System availability		
	Staff productivity		
	Implementation		
	Timescales		
	Testing		
	Migration to new systems		
	Security		
	Data protection		
	Encryption of data when booking via online service		
	Other		
	 Customer experience in the sports centre as not having to wait to back in the decade 		
	book in to classes		

Mark scheme (award up to 8 marks) refer to the guidance on the cover of this document for how to apply levels-based mark schemes*.			
Level	Mark	Descriptor	
Level 0	0	No rewardable material.	
Level 1	1-2	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.	
		Issues are identified but chains of reasoning are not made, leading to a superficial understanding.	
		Does not link arguments to the given scenario.	
Level 2	3-5	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.	
		There is consideration of relevant issues using logical chains of reasoning.	
		Considers the various elements of the question and but does not always link arguments to the given scenario.	
Level 3	6-8	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.	
		There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning that shows a full awareness.	
		Carefully considers the various elements of the question and links arguments to the given scenario.	

Question Number	Indicative content
4a	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.
	Learners evaluate the impact on IDC and its staff of a move to a cloud-based storage system.
	 No need to pay for technical staff, either in-house or on a consultancy basis, to provide a backup system this will be done automatically. Storage capacity can be scaled up and down to fit the needs of the business. This has the added benefit of being better for the environment than running a server with excess capacity. Will give IDC robust disaster recovery, which would otherwise be unlikely due to lack of finance and expertise. Reduces the implications/security risks of lost or stolen laptops and other mobile devices. Data stored on the cloud is automatically backed up and therefore instantly retrievable. Improved security arises from the reduction in the need to send files via external methods such as email.
	 Benefits to staff. Because the system can be used anywhere with an internet connection, staff will be able to access the files/folders when they are out of the office or working in regional offices. Many suppliers provide mobile apps that will allow staff to access data on a range of devices. Some staff, e.g. office staff, may be able to take advantage of the system and work from home. Because all files are stored centrally everyone sees the latest/same version leading to improved collaboration. Reducing the problems of conflicting file content, formats and titles.
	 Disadvantages Must have an internet connection, could be a disadvantage to staff out of the office. Introducing a third party may have security implications for IDC. Training of staff Impact of downtime

Mark scheme (award up to 10 marks) refer to the guidance on the cover of this document for how to apply levels-based mark schemes*		
Mark	Descriptor	
0	No rewardable material.	
1-3	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.	
	Issues are identified but chains of reasoning are not made, leading to a superficial understanding.	
	Does not link arguments to the given scenario.	
4-7	Accurate technical vocabulary is used to support arguments but not all arguments are relevant to the issues of the question.	
	There is consideration of relevant issues using logical chains of reasoning.	
	Considers the various elements of the question and but does not always link arguments to the given scenario.	
8-10	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.	
	There is a balanced and wide ranging consideration of relevant issues, using coherent and logical chains of reasoning, that shows a full awareness.	
	Carefully considers the various elements of the question and links arguments to the given scenario.	

Question	Indicative content		
Number			
4b	Answers will be credited according to the learner's demonstration of knowledge and understanding of the material, using the indicative content and level descriptors below. The indicative content that follows is not prescriptive. Answers may cover some/all of the indicative content but learners should be rewarded for other relevant answers.		
	Learners evaluate the decision to allow employees to access the company network using personal mobile devices Benefits		
	 improved employee job satisfaction 		
	 increased job efficiency and flexibility, may be able to work from 		
	home, be more productive when meeting clients or traveling to work		
	 company cost savings for initial device purchase/ongoing usage/IT helpdesk support as employees invest in their own devices 		
	 staff will be used to the devices reducing the need for training 		
	 staff may be able to use 'cloud' technologies to share data (this 		
	may cause issues with the functionality of the task)		
	Disadvantages		
	 may have an additional cost to add secure wireless functionality to 		
	the current network		
	 company has less control over the devices compared to a device 		
	owned by the company		
	 must ensure they meet their Data Protection obligations to access 		
	company information		
	 may be introducing increased vulnerabilities into what should be a 		
	secure environment		
	 increase in policies and security implementations, would increase 		
	technical/administration staff workload		
	 files and software may not be compatible with both the mobile and 		
	desktop/laptop operating systems		
	 may lead to increased monitoring of employees, e.g. recording the 		
	geo-location of the personal devices or monitoring the internet		
	traffic on the personal devices		
	Security		
	• WiFi is considered less secure than an Ethernet network, because		
	the signal can be detected by anybody in range.		
	 mobile devices containing work/sensitive data may get lost or 		
	stolen more easily than desktops.		
	 exposed to wider threat of viruses, etc. when accessing different networks 		
	 reliance on employees to secure devices (which also relies on OEM security) 		
	• there are ways to secure devices, e.g. encryption of drives on mobile		
	devices, using VPN to ensure a secure connection to the work server		
	and/or implementing policies to ensure workers limit their exposure		
	to open networks		
	• the use of a sandbox (a security mechanism for separating running		

	programs)
	ring-fencing of data, such as by keeping data contained within a
	specific app
	procedures must be established for loss/theft of a digital device e.g.
	how the data on it is kent confidential and retained via a backup
	facility
	Final Andrew State
l F	Employee must
	ensure that work data will not be merged with personal data
	that non-employees, such as family members who use the device.
	do not access work data
	only process corporate personal data for corporate purposes
	take adequate care to minimise the loss/theft of the devices
	A BYOD business policy should be established following UK Information Commissioner's Office (ICO) guidelines including:
	• compliance with the Data Protection Act 1998 (losing employee or
	client data could result in a breach of the act, leaving the company
	vulnerable to legal claims or a fine imposed by the ICO)
•	 establishing employee responsibilities
•	 establishing which type of corporate data can be processed on
	personal devices
•	 how to encrypt and secure access to the corporate data
	 how the corporate data should be stored on the personal devices
	 how and when the corporate data should be deleted from the
	personal devices
	how the data should be transferred from the personal device to the
	company servers

Mark scheme (award up to 12 marks) refer to the guidance on the cover of this document for how to apply levels-based mark schemes*		
Mark	Descriptor	
0	No rewardable material.	
1-4	Technical vocabulary is used but it is not used appropriately to support arguments, in relation to the issues of the question.	
	Issues are identified but chains of reasoning are not made leading to a superficial understanding of issues to the scenario.	
	No conclusion is presented or is generic.	
5-8	Accurate technical vocabulary is used to support arguments, but not all are relevant to the issues of the question.	
	There is consideration of relevant issues using logical chains of reasoning but does not reflect upon their relative importance to the given scenario.	
	An attempt at a conclusion is presented that links arguments to the given scenario but is not justified in that it does not reflect the careful consideration of both sides of the argument.	
9-12	Fluent and accurate technical vocabulary is used to support arguments that are relevant to the issues of the question.	
	There is a balanced and wide ranging consideration of relevant issues using coherent and logical chains of reasoning that shows a full awareness of their relative importance to the given scenario	
	A fully justified conclusion is presented that links arguments to the given scenario and that reflects the careful consideration of both sides of the argument leading to a reasoned decision.	





Llywodraeth Cynulliad Cymru Welsh Assembly Government



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