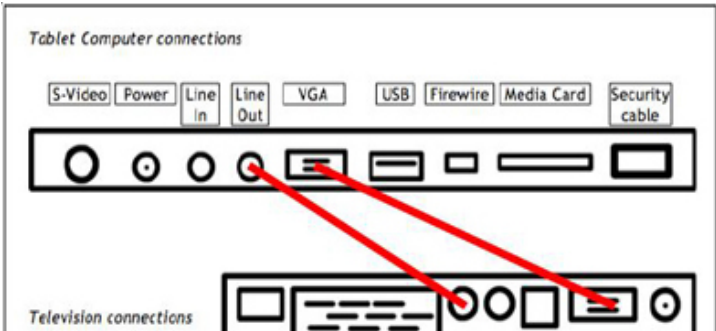
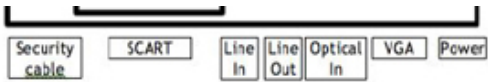


Q1.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any two from:</p> <ul style="list-style-type: none"> • Watch TV from anywhere as long as there is a connection • Control playback (pause/rwnd/ffwd) • Leave comments about shows • Share/recommend it to friends in-browser • Receive recommendations of similar shows • Cheaper/quicker than waiting for hardcopy (e.g. DVD) release • Catch up on missed programmes / watch it anytime / watch it again • Don't need a TV Licence unless watching live stream • Save storage space (if you stream, rather than download) 	<ul style="list-style-type: none"> • 'Free' • 'Don't need a TV licence', (without clarification) 		(1)
(ii)	<p>Any one from:</p> <ul style="list-style-type: none"> • Can watch it on a bigger screen • Can use TV speakers (to improve sound) • Easier to watch with others 	<ul style="list-style-type: none"> • Can watch in higher resolution 		(1)
	Answer		Additional Guidance	Mark
(iii)	 <p>The diagram shows two rows of ports. The top row, labeled 'Tablet Computer connections', contains: S-Video, Power, Line In, Line Out, VGA, USB, Firewire, Media Card, and Security cable. The bottom row, labeled 'Television connections', contains various ports. Two red arrows originate from the 'Line In' and 'Line Out' ports in the Tablet Computer row and point to the corresponding ports in the Television row.</p>		Ignore any labels.	



(2)

Q2.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Two advantages from:</p> <ul style="list-style-type: none"> • Open source is free to obtain and use • Users can access the source code/modify the source code • Community of support from other users 	<ul style="list-style-type: none"> • Online applications • No licence needed 		(2)
(ii)	<p>One disadvantage from:</p> <ul style="list-style-type: none"> • May not be as feature rich / bought applications often have extra tools that open source may not have e.g. formatting preview etc. • Updates may take longer to come through • May not be as much professional / expert support available • May need to learn different skills • Open source software is not used as commercially as proprietary software/may affect employability • Work may not be compatible with other software 			(1)
(iii)	<p>Any three explanation point from:</p> <ul style="list-style-type: none"> • Can now order shopping online that will save them time - eg groceries • Can now access school / work from home which means they can work when they want / more convenient • Access to internet may mean they do better at school / work as more 			

resources / information available

- Access to media such as films, TV, music instantly
- Get access to goods/services online that would otherwise be hard to access / time consuming/more expensive - e.g. applications for driving licence
- Can now socialise online e.g. facebook, twitter etc.

(3)

Q3.

	Answer	Do not accept	Additional Guidance	Mark
	<p>Any two from:</p> <ul style="list-style-type: none"> • Set a password/code/pin/security pattern/ biometrics • Lock the device manually or automatically after a certain length of time / inactivity • Deactivate/Password protect/hide the Bluetooth/wireless sharing • Remote management (deactivation) • Hard reset feature (to protect data if device sold/disposed of) • Encryption (of data) • Antivirus • Backup features 			(2)

Q4.

	Answer	Do not accept	Additional Guidance	Mark
	D			(1)

Q5.

	Answer	Do not accept	Additional Guidance	Mark
	<p>Any two from:</p> <ul style="list-style-type: none"> • To fix/patch bugs/problems • To add new features/function • To improve performance/functionality/ User Interface (UI) 	<ul style="list-style-type: none"> • Security fix (as it is in the question) 		(2)

Q6.

	Answer	Do not accept	Additional Guidance	Mark
	Any two from:	<ul style="list-style-type: none"> • Charger • GPS 		

	<ul style="list-style-type: none"> • Headphones/earphones • Speakers • Docking station • Remote control • FM receiver/transmitter • Bluetooth receiver/transmitter • GPS receiver • Fitness sensor • Camera 	transmitter		(2)
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Q7.

	Answer	Do not accept	Additional Guidance	Mark
	<p>Any two from:</p> <ul style="list-style-type: none"> • Media players use 'solid state' memory / playback not affected by movement • Portable / lightweight / small • Long battery life • Set playlists • She can carry a large amount of media with her (music, podcast, radio programme, audiobook) • Can be locked to prevent accidental use/activation 			(2)

Q8.

	Answer	Do not accept	Additional Guidance	Mark
(i)	C			(1)
(ii)	B			(1)
(iii)	D			(1)

Q9.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any one from:</p> <ul style="list-style-type: none"> Does not use (as much) storage space. No need to wait for file to download before watching video/downloading takes longer/ (streaming) saves time Allows user to watch live/real time video 	<ul style="list-style-type: none"> 'Faster/ quicker' (without expansion) 	<p>Note: Streamed videos do make use of temporary files but these storage requirements are much smaller.</p> <p>Must be an advantage to Laura to gain credit.</p>	(1)
(ii)	<p>Any one from:</p> <ul style="list-style-type: none"> Video is not available to watch offline / can't keep (own) a local copy / internet connection unavailable Limited availability for some streamed video User experience is dependent on connection quality / Playback might be affected by buffering / video may lag / video may freeze 	<ul style="list-style-type: none"> Reverse of advantage from (c) (i) 'Poor connection' (without expansion) 	<p>Must be a disadvantage to Laura to gain credit.</p> <p>Candidates could gain the mark for connection quality by referring to latency or buffering.</p>	(1)

Q10.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Explanation: To improve Laura's experience (1) by increasing the relevance of the adverts (1)</p> <p>1 mark (max) may be awarded for:</p> <ul style="list-style-type: none"> Laura has opted in to receive emails from the company (or not opted out) (1) <p>or,</p> <ul style="list-style-type: none"> reference to an organisation's marketing strategy (1) 		<p>Some way of improving experience (1) with reason (1)</p>	

	<p>or,</p> <ul style="list-style-type: none"> answers relating to: persuading her to buy more (1) 			(2)
(ii)	<p>Description: The online shop have stored/tracked data from her previous transactions (1) and matched that data with other items for sale (1).</p>		<p>Key points are: the storing of transactional data (1) and the querying of it (1).</p>	(2)
(iii)	<p>Any two from:</p> <ul style="list-style-type: none"> Contact the sender to opt out / unsubscribe Filter her emails / block sender / mark address as spam Change her email address Deactivate her email account 	<ul style="list-style-type: none"> Put in spam folder 	<p>Putting email in spam folder is not same as marking mail as spam.</p>	(2)