

Q1.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any two devices from:</p> <ul style="list-style-type: none"> • Hardware video editor/external capture device • Video camera/digital camera • Mobile phone • External/USB webcam <p style="text-align: right;">2×1</p>	<ul style="list-style-type: none"> • Webcam 		(2)
(ii)	<p>Any one reason explained:</p> <ul style="list-style-type: none"> • Has fastest processor/2.53 GHz (1), which means video can be edited and previewed more quickly (1) • Has largest/640 GB hard drive (1), which means more video footage can be stored(1) • Has largest/8 GB RAM (1) which means it can handle larger files (1) • Has highest/1900x1200 resolution screen (1) which allows easier editing/viewing (of HD footage) (1) <p style="text-align: right;">1+1</p>		An explanation requires linked responses for maximum marks. Individual statement scores 1 mark max.	(2)

Q2.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any one reason from:</p> <ul style="list-style-type: none"> • His friend will be able to log onto his account without permission/him knowing • His friend will be able to access/edit/delete his work • His friend will be able to send emails that appear to come from Harry 			

		1×1		(1)
(ii)	<p>Any two ways described from:</p> <ul style="list-style-type: none"> • It enables Harry to access his work anytime and anywhere (1) this means that he can work more flexibly (1) • It provides a safe online environment (1) this enables Harry to get feedback from others without being at risk (1) • Harry can upload work he does at home to the VLE (1) this means he can never forget his homework (1) • Harry's teacher can monitor and feedback on his progress more easily (1) allowing them to personalise the tasks Harry is set (1) • It enables Harry to share documents with others (1) this facilitates collaborative working (1) <p>2×(1+1)</p>		One mark for initial point, one mark for additional linked point.	(4)
(iii)	<p>Any two drawbacks from:</p> <ul style="list-style-type: none"> • Dependent on availability/performance of the internet • Technical problems with computer or network may prevent use • Requires students to have suitable computer equipment at home • May require training before it can be used <p>2×1</p>			(2)

Q3.

	Answer	Do not accept	Additional Guidance	Mark
	B			(1)

Q4.

	Answer	Do not accept	Additional Guidance	Mark
	Any two from: <ul style="list-style-type: none"> interference physical block frequency overload distance from receiver 	<ul style="list-style-type: none"> Batteries might start to fail 		(2)

Q5.

	Answer	Do not accept	Additional Guidance	Mark
(i)	Answer A			(1)
(ii)	Any two reasons from: <ul style="list-style-type: none"> Easier to set up than wired network (eg add clients) Can share files/hardware/software resources as cables not needed No cables so less health & safety issues/house is tidier Can access network/internet from anywhere within range (house and garden) Visitors can access the network Network could be accessed by other devices (e.g. smartphones) 	<ul style="list-style-type: none"> No cables (without expansion) Answers that do not relate to the home network 		(2)
(iii)	Explanation to include any three from: <ul style="list-style-type: none"> Some of the wireless networks are secured, some non-secured You can't access the secured networks unless you have the key (accept password) If you use a non-secured network, your data is at risk The routers from these 	<ul style="list-style-type: none"> Network name 		

networks are visible /
broadcasting their SSID

- There may be other wireless networks in range which are hidden
- Signal strength of the networks is displayed as bars
- Signal strength will affect the performance of the connection
- Type of encryption / security used (e.g. WPA, WPA2)