

Q1.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any one benefit explained from:</p> <ul style="list-style-type: none"> • A network cable is more reliable than wireless (1) therefore, there is less risk of household devices interfering with the playing of the game (1) • Cable not affected by walls/ has greater range etc (1) so that Mark can be further away from the router (1) • use of a cable would reduce congestion (1) because there could be many digital devices in household using wireless(1) <p style="text-align: right;">1×(1+1)</p>	<ul style="list-style-type: none"> • Cheaper <p>(unless qualified)</p>	<p>An explanation requires linked responses for maximum marks.</p> <p>Individual statements score 1 mark max</p>	(2)
(ii)	<p>Explanation 1 mark per point from:</p> <p>There needs to be a balance between the bandwidth which determines the volume of data (1) and the latency which determines the speed of flow (1). If one is insufficient then the gaming experience will not be as good (1)</p> <p style="text-align: right;">1+1+1</p>		<p>Three points, descriptions of bandwidth and latency and one linking the two.</p> <p>Max of two marks for description of both without link.</p> <p>Max of one mark for description of one.</p>	(3)

Q2.

	Indicative Content
	<p>Positives:</p> <ul style="list-style-type: none"> • Gives more people a voice / more people can publish – more freedom of speech • Increased availability of information • Increase in choice of service providers (locally and globally) • News stories can break more quickly • Relative small cost lowers participation barrier • Competition drives traditional publishers to innovate with their provision of online content • News becomes interactive • News can be accessed based on personal preference • Readers can share articles with networks of friends • Stories / information popularised by public, not editors • e-democracy - information is made available to/from politically 'sensitive' areas • <i>Wikileaks</i> style anonymity increases accountability (of governments etc.) <p>Negatives:</p> <ul style="list-style-type: none"> • More people can publish – dilution of content / lack of credibility • More difficult to filter through more content. (Students may describe this as "information overload") • News sensationalised by public, not editors • More difficult to track publishers of sensitive / libellous material • Limits frame of reference • Intellectual property rights of traditional publishers is put at risk

1) level is set based on **content**

2) position in level is set based on the quality of **discussion**

3) if at top of level (i.e. your mark is now 2,4,or 6 marks) and the candidate's response *does not* match the Quality of Written Communication (**QWC**) descriptor for that level, then markers must reduce the mark by 1.

NB – QWC can only be applied to *reduce* the mark *within a level*.

	Mark		Descriptor
	0		No rewardable content
Level 1	1-2	Content	The candidate will produce a limited number of simple statements, with limited reference to news and information services. Responses will include some accurate information.
		Discussion	Candidate's responses will be general .
		QWC	They have used everyday language and their response lacks clarity and organisation . Spelling, punctuation and the rules of grammar are used with limited accuracy.

Level 2	3-4	Content	The candidate will suggest a number of impacts, mostly relevant to the use of news and information services. They may focus on only negative or positive impacts. The candidate's responses will be mostly accurate .
		Discussion	There is a limited attempt to justify the impacts they suggest.
		QWC	They have used some specialist terms and their response shows some focus and organisation . Spelling, punctuation and the rules of grammar are used with some accuracy.
Level 3	5-6	Content	The candidate will suggest a range of impacts, relevant to use of news and information services. They consider both negative and positive impacts. The candidate's responses will be factually accurate .
		Discussion	The suggested impacts are clearly justified .
		QWC	They have used appropriate specialist terms consistently and the response shows good focus and organisation . Spelling, punctuation and the rules of grammar are used with considerable accuracy.

Q3.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any two from:</p> <ul style="list-style-type: none"> • Check that there is enough money in Harry's account to pay for his food • Subtract the amount Harry has spent from the amount in his dinner money account • Check if Harry is allowed to order that item <p style="text-align: right;">2×1</p>			(2)
(ii)	<p>Any two items from:</p> <ul style="list-style-type: none"> • Security number • Expiry date • Issue number • Issue date • Card type <p style="text-align: right;">2×1</p>			(2)
(iii)	<p>One benefit described:</p> <ul style="list-style-type: none"> • More secure/safer (1) because Harry doesn't have to carry cash around with him which he might lose/have stolen (1) • More convenient (1) because they don't need to have cash available to give to Harry / can top-up his account anytime / anywhere (1) • Greater control over what Harry does with the money they give him (1) because he can only spend it on food in the canteen / monitor spending online(1) • Greater peace of mind(1) because they know Harry will always be able to get something to eat(1) <p style="text-align: right;">1+1</p>		<p>One mark for initial point. One mark for additional linked point.</p>	(2)

Q4.

	Answer	Do not accept	Additional Guidance	Mark
	<p>Explanation:</p> <p>To provide an additional layer of security (1) so that she can access her account if she forgets her password (1)</p> <p style="text-align: right;">1+1</p>		<p>An explanation requires linked responses for maximum marks. Individual statements score 1 mark max</p>	(2)

Q5.

	Answer	Do not accept	Additional Guidance	Mark
	<p>Any one reason from:</p> <ul style="list-style-type: none">• To check that the email address is valid• To provide the link to the account activation page <p style="text-align: right;">1×1</p>	<ul style="list-style-type: none">• To validate her identity		(1)

Q6.

	Answer	Do not accept	Additional Guidance	Mark
	B			(1)

Q7.

	Answer	Do not accept	Additional Guidance	Mark
(i)	B			(1)
(ii)	Reason: To check/validate that she typed it right the first time			(1)
(iii)	Explanation: She may share her computer with others (1) which makes it possible for someone else to use her account without permission (1) 1+1		An explanation requires linked responses for maximum marks. Individual statements score 1 mark max	(2)

Q8.

	Answer	Do not accept	Additional Guidance	Mark
(i)	Any one way from: <ul style="list-style-type: none"> • Set access rights • Use privacy settings • Create guest accounts 1×1	<ul style="list-style-type: none"> • Giving her friends her password 		(1)
(ii)	Any two reasons from: <ul style="list-style-type: none"> • Identity theft • Makes them vulnerable to predators/cyber bullying • Loss of privacy 2×1			(2)

Q9.

	Answer	Do not accept	Additional Guidance	Mark
(i)	<p>Any two things from:</p> <ul style="list-style-type: none"> • Doesn't use name of recipient/uses 'Valued Customer' • Spelling/grammar mistake • URL doesn't point to the organisation's website • Email address is suspicious • URL does not match email address • Request for secure details (banks never ask for these) <p style="text-align: right;">2×1</p>			(2)
(ii)	C			(1)

Q10.

	Answer	Do not accept	Additional Guidance	Mark
	Filtering / IP filtering / address filtering / block the IP address	<ul style="list-style-type: none"> • Blocking without reference to IP address 	The answer will relate to IP filtering, however candidates may give a more protracted answer which will need interpretation	(1)