

Q1.

Michael buys a tablet computer.

The tablet computer has a high-resolution screen.

State what is meant by 'high-resolution'.

(1)

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Q2.

Michael buys a tablet computer.

Michael's tablet computer uses a touch screen interface instead of a keyboard and mouse.

State **one** risk to Michael's health from the extended use of a touch screen interface.

(1)

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Q3.

Michael buys a tablet computer.

The tablet computer uses open source software.

Give **two** advantages to Michael of using open source software rather than proprietary software.

(2)

1

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2

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Q4.

Michael and Ryan are athletes.
They use digital devices as they try to improve their performance and when they relax.
They are travelling to an overseas athletics event.

Michael is travelling to an overseas athletics event. He wants to buy a new tablet computer.

(i) Which **one** of these has the fastest processor?

(1)

- Tablet Computer A
- Tablet Computer B
- Tablet Computer C
- Tablet Computer D

(ii) Which **one** of these is the most portable?

(1)

- Tablet Computer A
- Tablet Computer B
- Tablet Computer C
- Tablet Computer D

(iii) Which **one** of these could be used for VoIP **without** a peripheral device?

(1)

- Tablet Computer A
- Tablet Computer B
- Tablet Computer C
- Tablet Computer D

Tablet Computer A	Tablet Computer B



Microphone	None	Microphone	None
Connectivity	USB 2.0, WiFi	Connectivity	USB 2.0, Bluetooth
Storage	16 GB	Storage	8 GB
Processor speed	1.2 GHz	Processor speed	600 MHz
Weight	680 g	Weight	600 g
Size	242×190×13 mm	Size	230×180×16 mm
SIM card slot	No	SIM card slot	No

Tablet Computer C

Tablet Computer D



Microphone	None	Microphone	Internal
Connectivity	Bluetooth	Connectivity	WiFi
Storage	32 GB	Storage	8 GB
Processor speed	1 GHz	Processor speed	800 MHz
Weight	220 g	Weight	650 g
Size	150×80×10 mm	Size	170×220×14 mm
SIM card slot	Yes	SIM card slot	No

Q5.

Michael buys a tablet computer.

He wants to transfer a fitness video from his desktop computer to his tablet computer. He has the choice of linking the devices using a wired or wireless connection.

(i) Give **one** advantage to Michael of using a **wired** connection for the transfer.

(1)

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(ii) Give **one** advantage to Michael of using a **wireless** connection for the transfer.

(1)

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Q6.

Michael is a long-distance runner. He is preparing for a marathon.

A radio reporter interviews Michael after the marathon.

The interview is used for a podcast.

Michael uploads the podcast to his blog.

Michael tags his blog posts.

Explain **one** benefit of this feature to blog users.

(2)

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Q7.

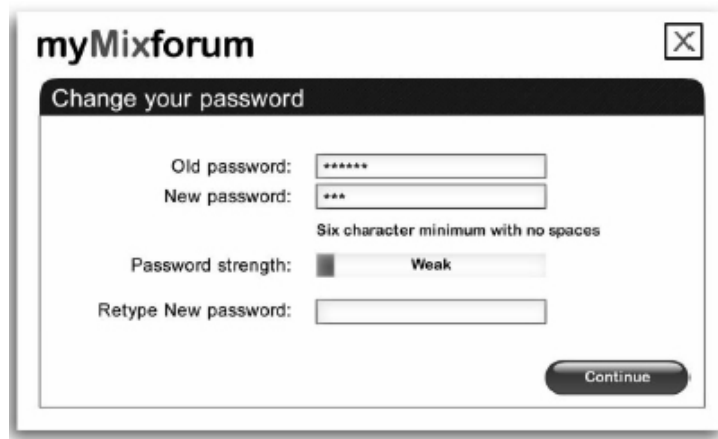
Stevie produces her own music tracks. She uploads her music to a forum site.

(i) Give **two** reasons for doing this.

(2)

- 1
-
- 2
-

Sometimes, when she logs on, the site asks her to change her password.



The site says that the password should be at least six characters long, with no spaces.

(ii) Identify **two** other features of a strong password.

(2)

- 1
-
- 2
-

(iii) List **two** things Stevie must do to keep her password secure.

(2)

- 1
-
- 2
-

Q8.

Stevie produces her own music tracks. She uploads her music to a forum site.

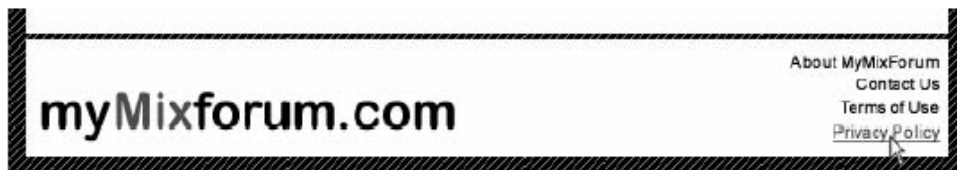
A user posts an offensive message about Stevie's music on the forum.

(i) What should Stevie do?

(1)

- A** Send an offensive message back
- B** Close her account on the forum
- C** Remove her music track
- D** Report the user to the site

(ii) The forum has a 'privacy policy'.



Explain the purpose of a privacy policy.

(2)

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Q10.

Laura and Shameela are friends. They use digital devices to listen to their favourite bands and to watch music videos.



Laura and Shameela are going to a Hi-Riderz concert at the City Arena.

The performance is shown on big screens in the arena.

The band watches a video of their recording after the show.

(i) Identify **two** optical media types they could use to store the video recording.

(2)

1

2

(ii) Explain the differences between them.

(2)

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