

**Q1.**

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.

Describe what a 'podcast' is.

**(2)**

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**Q2.**

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.

Which **one** of these protocols would be used to upload the podcast?

**(1)**

- A** HTTP
- B** SMS
- C** POP
- D** IMAP

**Q3.**

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

A radio reporter interviews Michael after the marathon.

The interview is recorded directly to hard disk. There is not enough recording time available.

How could the recording time be increased?

**(1)**

- A** Increase the audio resolution
- B** Increase the storage space
- C** Decrease the seek time
- D** Increase the audio sample rate

**Q4.**

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.

Shameela is driving to City Arena.

(i) Shameela has a sat nav device in her car. Sat nav devices use GPS.

State the function of GPS.

**(1)**

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(ii) Shameela has City Arena's location bookmarked in her sat nav.

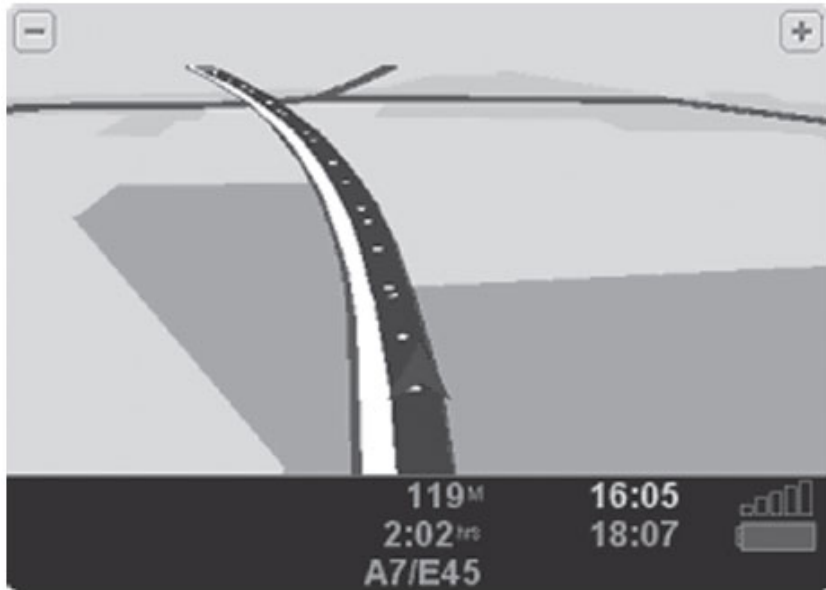
State why bookmarking the location helps her.

**(1)**

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(iii) When Shameela drives through a tunnel she notices that the display 'freezes' on her sat nav.



State what might have caused this.

(1)

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(iv) Describe **one** health and safety risk of using a sat nav when driving.

(2)

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(v) Laura has printed directions to City Arena.

Give **two** benefits of using a sat nav rather than printed directions.

(2)

- 1 .....
- .....
- 2 .....
- .....

**Q5.**

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

On the day of the marathon, Michael checks in with the event staff and shows them this security pass:



A member of the event staff scans the barcode.

Explain why the security pass includes Michael's photograph.

(2)

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**Q6.**

Gia wants to buy a new pair of shoes. She decides to shop online.

Gia is worried about entering her credit card details online.

State **two** things that Gia should look for on the screen to check that it is safe to enter her details.

(2)

1 .....

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2 .....

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**Q7.**

(i) Stevie buys some T-shirts from an online store.

She is worried about entering her card details online.

State **one** other way she could pay online.

(1)

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(ii) Stevie finds that the T-shirts do not match the description on the website.

Describe her consumer rights.

(2)

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(iii) Stevie wants to inform others about her experience.

State **one** way that she could do this online.

(1)

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**Q8.**

Stevie likes to buy clothes online.

(i) Give **two** reasons why some stores operate online.

(2)

1 .....

2 .....

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(ii) Stevie sometimes bids for goods on auction sites.

Describe **two** features of an online auction.

(4)

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**Q10.**

Gia wants to buy a new pair of shoes. She decides to shop online.

(i) Give **two** advantages of shopping online for shoes rather than buying from a shop.

**(2)**

1 .....

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2 .....

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(ii) Give **one** disadvantage of buying shoes online.

**(1)**

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