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OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Monday 16 January 2023 – Morning

Level 3 Cambridge Technical in IT

05839/05840/05841/05842/05877

Unit 3: Cyber security

INSERT

INSTRUCTIONS

Do not send this Insert for marking. Keep it in the centre or recycle it.

INFORMATION

This Insert contains the pre-release material that you have already seen.

THE TRIANGLE HARRIERS

Mia is the Membership and Web Officer for The Triangle Harriers Running Club. The Triangle Harriers has approximately 400 members.

MEMBERSHIP

Members complete an online form when joining the running club. The online form includes:

name, address and preferred contact number

credit card or bank account details

email address

health information

previous running experience.

The information from the online form is stored on a USB drive plugged into the back of Mia's router. The email address is used to send out a weekly newsletter that is edited by Mia.

WEB

Mia has set up an old laptop to function as a webserver. The laptop is plugged directly into the router and is managed from an app on Mia's mobile phone.

The website for The Triangle Harriers is stored on the laptop.

As Web Officer, Mia is responsible for updating the contents of the website. The software on the laptop has not been updated for some time.

FURTHER RESEARCH

To prepare for the exam, you should research the following themes:

Cyber security incidents that Mia needs to be aware of and how they can be prevented.

Different types of attacker and their motivations including why the attacker would choose to target Mia and The Triangle Harriers Running Club.

The impact of a cyber security incident on Mia and members of The Triangle Harriers.

Cyber security controls that Mia could use to reduce the likelihood and impact of a cyber security incident.



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