Cambridge Assessment International Education

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GLOBAL PERSPECTIVES **0457/13**

Paper 1 Written Examination **October/November 2023**

INSERT **1 hour 15 minutes**

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INFORMATION

- This insert contains all the sources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

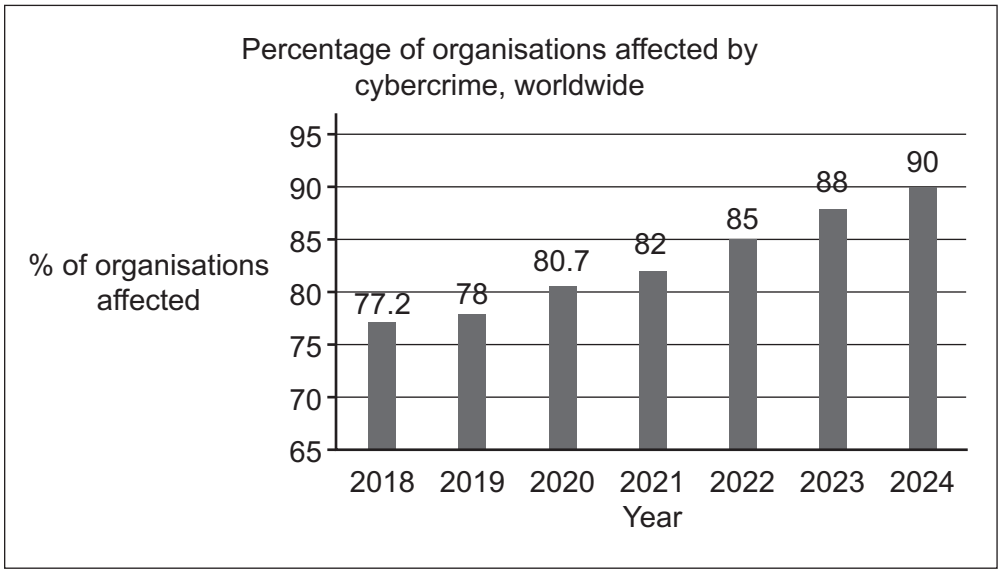
This document has **4** pages. Any blank pages are indicated.

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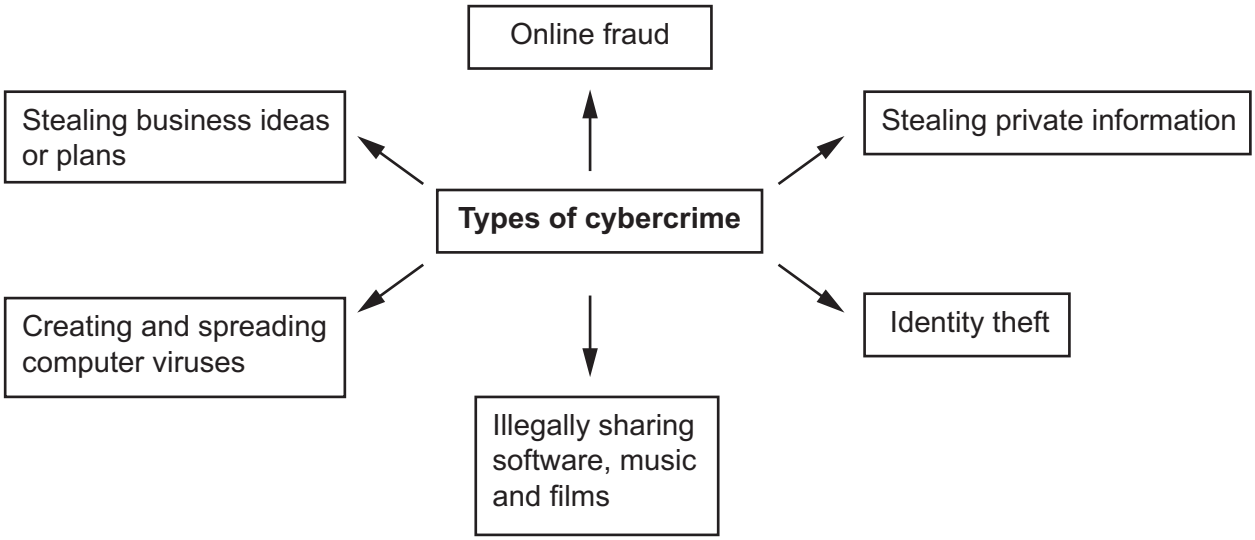
[Turn over

Source 1

Cybercrime is crime committed using computers or the internet; for example, using a computer to attack a network and steal private information. The University of Maryland estimates that criminals are now attacking computers and networks at a rate of one attack every 39 seconds.



Source 2



Source 3: Cybercrime is an issue that needs more attention

Cybercrime is the most important challenge for organisations today. A report by the International Monetary Fund (IMF) shows that cybercrime is one of the biggest threats to the global economy.

This is probably not surprising. The internet has changed all aspects of our lives, including the way we communicate and do business. There are many criminals who are now starting to take advantage of these changes. As a result, the amount of cybercrime is increasing rapidly.

Professor Ayers, an information technology specialist, says 'the issue is that there is little that can be done to prevent cybercrime as it is almost risk free, hard to stop, and big money for criminals'. However, we all have the power to reduce the threat of cybercrime by taking simple measures to protect ourselves. For example, using strong passwords, installing antivirus software and not sharing personal information on social media.

Extract from an article in a newspaper about changes in digital technology

Source 4

Isla

We are living in a digital world where everything is now on the internet, from entertainment to business and even our social and interest groups. I think this will only continue. When my parents were young, they had a single computer that was located in a shared area of the house. Everyone knew what was happening online.

The growing number of internet users and connected devices increases the opportunity for cybercrime. Even baby monitors and refrigerators come with internet connections and apps now! Devices have moved into our pockets and bedrooms, so it is much harder for parents to know what their children are doing on the internet.

As a computer science student, I know that we need the internet to get things done. However, I believe that it is the responsibility of governments, together with big online shops and social media platforms, to reduce the impact of cybercrime and make users aware of the risks.

Freya

I agree with you. People need to be careful to keep their private information safe. However, it is wrong that the government and big business should be the only ones responsible for reducing internet risks. Studies show that on average teenagers spend between seven and nine hours a day in front of screens and over two hours on social media platforms. This virtual world brings benefits and opportunities, but also dangers and risks.

It is important for schools to offer information and training about the internet and remind their students that 'the internet never forgets'. Studies show that most people become victims of cybercrime because they open email attachments or access links without thinking about the source. It is the individuals that are at fault when they are tricked.

As a psychologist, I believe that to solve this problem we must teach our children to use the internet with caution and take responsibility for their actions. I have recently written a book that gives parents lots of guidance on teaching their children about internet safety.

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