



Epreuve du 1^{er} groupe

ANGLAIS

Current state of cybercrime

There is a truism in today's clickable economy: wherever there is commerce, there is also the risk for cybercrime. Whether a financial institution, an Internet storefront that does business with online shoppers, and now even hospitals with the rising tide of ransom ware, cybercrime has no boundaries.

In fact, by 2020, it is estimated that 80% of adults on earth will have a smartphone which, in reality, is eating the world and becoming the dominant channel for instant communication and the expressway for banking and commerce worldwide. Actually, **this innovative tool** influenced more than \$1 billion in total purchases in 2015 between online and offline transactions, and revenue from mobile e-commerce sales are projected to reach \$ 516 billion by 2017.

As organizations transform the way they interact with customers, this has not gone unnoticed by cybercriminals as evidenced by the rise in fraud attempts originating from the mobile channel. In fact, anyone with an email address, an inbox, or a social media account is a target. Most organizations or individuals are not even aware of the bulls' eye on their back for hackers, cyber thieves, and extortionists until it's already too late to respond or recover from being attacked.

Against this dynamic and challenging environment, there are several key issues that are even now proliferating across the digital flight path. Each has the ability to disrupt business as usual and each has the power to take over identities, and in extreme cases, even threaten someone's life. From mobile threats and ransom ware to the role of biometrics in reducing fraud, a myriad of threats exist across the cyber landscape making it easier and cheaper to launch attacks on a global scale.

As attackers are well-organized and well-informed, they take advantage of the latest fraud as-a-service innovations and capitalize on shared intelligence in the deep web, organizations must be prepared to do the same. Even if attacks can't be stopped completely, it is possible to change how **we** detect and respond to an attack to minimize the potential for loss or damage. Cybercriminals have long shared their knowledge and expertise in order to drive their success, and defenders must take the same approach.

Adapted from RSA WHITEPAPER 2016: The Current State of Cybercrime report.

Author: Heidi Bleau Category: Research and Innovation

I- READING COMPREHENSION

(8 marks)

A-Read these two sentences from the text and circle the option corresponding to the right answer. (2 marks)

1- Most organizations and individuals are not even aware of the bulls' eye on their back: means:

- a- They don't exactly know what is in their account.
- b- They aren't conscious that they are being observed.
- c- They haven't any control of their social networks.

2- Fraud attempts have risen because

- a- there are more people using mobile channels now.
- b- people tend to leave their details unprotected.
- c- cybercriminals can intercept any communications.

B- Circle True or False and justify by quoting from the text. (3 marks)

3- According to the text, there is a close connection between business and cybercrime.
True/False:

.....
.....

4- Only mobile phone users are likely to be victims of cybercriminals
True/False:

.....
.....

5- Defenders have to take a similar method as attackers to fight cybercrime.
True/False:

.....
.....

C-What or who do the underlined or word refer to in the text? (1 mark)

6- This innovative tool (line7):.....

7- We:(how we detect)((line 26).....

D- Fill in the gaps with the appropriate words taken from the text. (2 marks)

The world-wide impact of cybercriminality has shown that there aren't any
8.....(P1) to the harm that hackers can inflict. Indeed, the 9
.....(P3) have some specific expertise and enough computer
knowledge that enable them to interfere fraudulently in all types of
10.....(P2) customers may need to do. As a result, the life of digital
users is exposed to a 11.....(P4) of menaces coming from these
particular criminals.

II- LINGUISTIC AND COMMUNICATIVE COMPETENCE. (7 marks)

E- A journalist is interviewing a police officer specialized in cyber criminality. Complete meaningfully their conversation. (3 marks)

Journalist- Good morning, M. Officer, and thank you for12 (to accept) this interview.

Officer-It's a real pleasure to answer your questions!

Journalist- Cyber criminality has become a big issue 13,?

Officer- You're right, and cyber criminals are14..... (technology) very strong.

Journalist- Can you explain how15.....?

Officer- They use some strategies16 bypassing passwords and Trojan horse which, for instance, is conceived to record everything you type and send it directly to the cybercriminals.

Journalist- It's true that they're brilliant now, what17.....?

Officer-As solutions, we suggest all users should keep their programs up to date and be very selective and careful with their followers.

F- Complete the passage below with words that derive from the one in brackets.

(2 marks)

The rapid 18..... (grow) of the social network result from its real utility in people's daily life. However, users of these tools should handle them more19.....(careful) because their 20.....(influence) side make cybercriminals all the more 21.....(power) as they have no boundaries.

G- In this passage, there are four errors which are underlined. Give the correct forms of the underlined words. (2 marks)

Many experts on cyber criminality has shown throughout his report that it has become unsafe to keep one's personal data in a computer or a smartphone .Despite experts' constant warnings, hackers are still deceived users.

Errors from the passage	Correct answers
-has shown	22-.....
-his report	23-.....
-has became	24-.....
-deceived	25-.....

III- **WRITING**. Choose one of the two topics. Write a 150 to 200 words essay. (5 marks)

TOPIC1.

Cyber criminality has become a big issue with the progress of new technologies. Do you think it will be possible to put an end to it? Why? What solutions do you suggest to eradicate such a bad practice?

TOPIC2.

You are with your friend Moussa who excessively uses his cell phone and computer. Discuss with him to draw his attention on the negative effects of such an abuse. Write down the conversation.