



## **ANGLAIS**

### **COMPUTER VIRUSES**

A computer virus is simply a set of computer instructions or computer code that is written by some unscrupulous person. This code is attached to some part of the normal computer operating system or computer program. Instructions in this code tell the computer to perform some task. This task is often a destructive one, such as deleting important information or crashing the hard disk.

5 Just as a human virus is passed from person to person, a computer virus is passed from computer to computer. A virus can be attached to any file that you copy to your computer. If you download files from the Internet or copy programs or files from friends on floppy disks, you are very susceptible to viruses. Actually, anytime that you download files or put a floppy disk into your computer, you are susceptible to viruses. Many viruses are spread through e-mails.

10 Under normal circumstances, a virus becomes active when you execute a program that contains the virus. For instance, if you download a program from the Internet and it is infected with a virus, the virus will attach to your computer when you activate the program. Viruses are everywhere. In many cases, a virus resides inside your computer in an inactive state, waiting for a certain event to happen. Like having a physical virus in your body, you can have a virus in your computer system and not even  
15 know it. A virus can wait patiently in your system and attack only on a certain date. Of course, in the time between the moment you contracted the virus and the time it made itself known to you, you may have innocently spread the virus to others.

A computer virus can do extensive damage. It can crash your hard disk. It can destroy all or some of your data. The destruction can happen at any speed and can affect almost any part of the computer.

20 Viruses can spread quickly through today's intricate cyber world.

If you are smart, you will stop viruses before they enter your computer. You can do this by purchasing a good virus protection program. Such a program will check all files for viruses. Once installed, an antivirus program can be set to work in the background. It will check all files before they enter your computer and will alert you if a virus is detected before it contaminates your system. If a virus  
25 is detected, your antivirus program will quarantine or eliminate it so that it cannot harm your computer.

**Sandy BERGER**, A.A.R.P magazine, 1995-2008

**Note** : floppy disk = disquette

**Epreuve du 1<sup>er</sup> groupe**

**I- COMPREHENSION (09 marks)**

**A- what do the underlined words refer to in the text. (02 marks)**

- 1- 'one.' (line 4)
- 2- 'normal circumstances'. (line 10)
- 3- 'it'. (line 15)
- 4- 'others'. (line 17)

**B- Are these statements true or false ? justify with a quotation from the text (04 marks)**

- 5- Human viruses can infect computers as well.  
.....
- 6- Computer viruses are found in the internet only.  
.....
- 7- A virus may reside passively in a computer for a long time.  
.....
- 8- You pay nothing to install an efficient antivirus system in your computer.  
.....

**C- Fill in the gaps with the words in this list: (01 mark)**

Hard disk – download – files – damage – antivirus

When a virus enters a computer, it can cause a lot of .....It can either

9

delete some or all the ..... you copy or.....in it, or totally

10

11

destroy the computer's memory or .....

12

**D- Put the following titles of paragraphs in the order they appear in the text. (02 marks)**

- 13- Effect of virus infection
- 14- Safeguarding computer files
- 15- Nature of a computer virus
- 16- Virus infection

**Epreuve du 1<sup>er</sup> groupe**

**II- LINGUISTIC COMPETENCE (06 marks)**

**E- Transform the sentences below using the prompts to have the same meaning (03 marks)**

17- The virus has totally destroyed all the files in the computer.

All the files.....

18 -“ Don’t start the computer”, he ordered.

He ordered me.....

19 Your computer will be susceptible to viruses unless you install an antivirus.

If you.....

**F- Choose the suitable verb form to complete the following sentences (02 marks)**

20 – It’s high time hackers.....sending viruses to computers.

- a) stop                                      b) stopping                                      c) stopped

21 – They reached Spain by..... the border.

- a) crossed                                      b) to cross                                      c) crossing

22 – Without electricity life on earth.....very difficult.

- a) would be                                      b) was been                                      c) will have been

23 – The computer will stop as soon as the power.....off.

- a) goes                                      b) went                                      c) will go

**G - Ask the questions corresponding to the underlined groups of word (01 mark)**

24 – It takes just a few minutes to install an antivirus program.

.....

25 – She goes to the cyber center almost every day.

.....

**III WRITING (05 marks)**

**Choose one topic and write a passage of about 100 words.**

26 – Today, man depends more and more on machines for his everyday activities.

What dangers can there be in the use of automated systems?

27 – What are the advantages and drawbacks of the internet in a student’s life?