MINISTERE DE L'ENSEIGNEMENT SUPERIEUR
ET DE LA RECHERCHE SCIENTIFIQUE

DIRECTION GENERALE DE L'ENSEIGNEMENT
SUPERIEUR ET DE L'EMPLOYABILITE **(DGESE)**

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Union - Discipline - Travail

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Composition : **Anglais 2**
Durée : **2 Heures**

The Benefits of Science and Technology

Science and technology are probably the most debated topics in society. Scientific and technological developments have been debated as to whether they affect people's life styles and cause hassle. On the contrary, science and technology has improved our way of life for the better of mankind. Medical advancements, computers and simple inventions such as the light bulb are all examples of how science and technology is beneficial. In each of these cases, there are no undesirable changes to people's life styles. If it were not for many, if not all, of these changes in our history, we as an economy and nation would have fallen apart. Looking into the past, we can see all of the beneficial advancements we have made and how far we have come. Scientific and technological developments such as medical research to find a cure for AIDS, modern health care and computers are beneficial in the role of improving people's lives and do not come at the cost of undesirable changes to them.

Today with new technology, medical research is being done everyday to help find cures or vaccines for devastating diseases such as Cancer, AIDS, Alzheimer and Leukemia. Being diagnosed with one of these diseases is hard, but growing up with them is even harder. "AIDS was first identified in the USA in 1981. The epidemic has now spread to every part of the USA and to all sectors of society" (Noble). Growing up, I had two siblings who were diagnosed with AIDS. My older sister Katie was unfortunately taken by the disease at the age of 5. At the time there was not any technology or medicine strong enough to save her. My youngest brother though was very fortunate. After being diagnosed with AIDS in late 1993, there was enough technology to help slow the process of the disease. Going into the 21st century he is now like any other 13 year old boy with the exception just that he takes a lot of medicine that helps keep him alive. AIDS was not caused by science or technology, but we are using science and technology to fight it. Due to the benefits of science and technology concerning AIDS, my brother's life was saved.

After the invention of the computer in 1936, computers are commonly used nearly every day for numerous reasons. At first, when the computer was first introduced, people were cautious as it was new. Slowly over the years, people started to accept it and it has had remarkable outcomes for the user. Computers were originally designed for the use of financial things and to keep files in order in a folder on the computer rather than in file cabinets. Gradually over time society has accepted this remarkable invention and its many uses; writing reports, researching, accounting, numerous web pages, email, and last but not least entertainment reasons.

Through the years, people have started to live longer and their health is remarkable. Modern health care takes credit for this type of technology. Mixing medical research with technology has created great results for the life expectancy of people. People in society want to live longer and look good and they can benefit from this by following the instructions of their doctors, counselors, etc. to live a better life style.

In the end, one can conclude that science and technology do not make undesirable changes to life styles but merely upgrading life and thing related to it. Science and technology will only continue to benefit society because there will always be new problems popping up over time that will need something bigger, better or a new cure for.

A. READING COMPREHENSION

1- Read these statements and write T if it is true and F if it is false

1. Science and technology interest no one

2. Science and technology contribute to the welfare of human beings

3. Nations owe their existence to science and technology

4. New technology works against finding new cures or vaccines

5. AIDS was first identified in Africa in 1981

6. Since 1993, there was enough technology to help slow the process of Aids

7. AIDS was caused by science or technology

8. Computers were originally designed for the use of financial things

2- Answer to the questions below according to the text

1- Why science and technology are probably the most debated topics in societies?

2- Why individuals were resisting to the arrival of computer?

3- State some of the benefits of the relationship between medical research and new technology.

B. WRITING

"Is AIDS curative with new technology?" *In a paragraph, give your opinion in the light of discoveries made in the new technologies. (At least 4 lines if not 6 lines)*

C. VOCABULARY

1- Do you know how to translate into English these words or expressions?

a- Envoyer un message

b- Serveur de messagerie

c- Destinataire

d- Telechargement

e- Poste de travail

f- Reseau local

g- Plan de carriere

h- Faire passer le message

i- Formation professionnelle

j- Developper ses competences

2- Make a sentence with each of the finding words or expressions

D. LANGUAGE IN USE

A. Put the verbs into brackets into the correct form according to the preceding preposition

1. Cellular radio is a facility for (**make**) calls without (**have**) to find a phone box

2. You can reach your client by (**dial**) his number

3. You can be contacting while (**drive**) without (**pick**) up the handset

4. A beeper can be used for (**send**) 10-digit messages and is also capable of (**receive**) coded information.

B. Find the equivalent French words or expressions in the list of these phrasal verbs: connect to, get to, pass on, abounds with/in, depending on, load onto, link up with, send out, keying in.

1- This brand new telephone…..(**régorger de**) technical break-throughts

2- The executive can….(**joindre**) his customer wherever he is

3- He can….(**avoir accès à**) his own mail box by….(**entrer**) his personal identification number.

4- It may also…..(**se rétirer à**) his desktop micro and so……..information……(**charger**) a more powerful office micro.

C. *Fill gaps 1-8 using the best option: a, b, or c, to complete the text.*
The Red Apes of Borneo
Almost everybody in the world has heard of orang-utans. These tree-climbing primates have been glamorized by the media, appeared in Hollywood and can be seen in most zoos **1**……………..The 'orang-utan ', **2**……………..means 'Man of the Forest' in Malay, is the largest tree living mammal and **3**……………. great ape in Asia. It isn't hard to understand **4**……………. the Malays call this primate 'orang-utan'. The orang-utan is **5**……………..human in behavior - gentle, curious and playful - they live **6**……………..the vast tropical forests and, under ideal conditions, roam the forests in search of widely distributed food sources such as fruits, plants and insects. The same size **7**……………. a human baby when it is a toddler, an orang-utan can weigh **8**……………..90 kilograms upon reaching adulthood. Unfortunately, not many do.

1   a) everywhere, b) widespread, c) worldwide
2   a) it, b) that, c) which
3   a) exclusively, b) one, c) the only
4   a) because, b) the reason for, c) why
5   a) incredibly, b) invariably, c) impossibly
6   a) in, b) between, c) at
7   a) like, b) as, c) such as
8   a) up to, b) totally, c) heavier than