

**Prova d'accés a Cicles formatius de grau superior de formació professional,  
Ensenyaments d'esports i Ensenyaments d'arts plàstiques i disseny 2010**

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**Segona llengua estrangera. Anglès  
Sèrie 2**

**Dades de la persona aspirant**

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**Cognoms i nom**

**DNI**

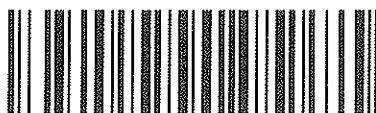
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**Qualificació**

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A. Read the text below and choose the correct answer.

[Total: 3 marks; 0.5 for each correct answer]

### THE ENVIRONMENTAL COST OF YOUR MOBILE PHONE

1 All of the manufactured products we buy and use have some impact on the natural world, so why should we be especially concerned about mobile phones? The answer is that, although they are small, the volume of phones being manufactured is enormous—it is estimated that up to 980 million of them will be sold this year.

5 Up to 75 kilos of natural resources are used in the manufacturing process, but their production is not the only impact on the environment. Unlike other electrical appliances, consumers frequently replace their mobiles, sometimes buying a new phone every year, either because their old mobile gets lost or broken or because they want to improve by buying a newer model. This creates the problem of what happens to the old mobiles, and  
10 in particular what happens to the heavy metals and other potentially toxic substances the small machines contain.

The eco-impact of mobiles can be summarized in four categories:

*Manufacture:* the manufacturing process requires energy and raw materials, including certain key minerals.

15 *Electricity consumption:* unlike conventional telephones, mobiles have batteries that need frequently charging. Advances in technology have reduced their energy consumption, but the great quantity of phones means there is still a problem.

*Disposal:* mobile phones contain various dangerous substances that can be harmful.

*Radiation:* the question of how radiation from mobile phone affects our health is a complex one, and studies and opinions differ. Some experts claim that there is no evidence of  
20 harm, while others suggest that there is a reason to worry because 'electromagnetic stress' has been linked with disorders of the nervous system, the vascular system, the immune system and other adverse health effects.

Happily, a lot can be done to reduce the environmental impact of mobile phones.  
25 In September 2006 a group was formed to improve the environmental performance of mobiles and promote recycling. Led by Nokia, the group included companies in the mobile industry as well as consumer and environmental organizations. The group agreed to reduce energy consumption and dangerous substances, to promote the recycling of mobile phones and to give consumers more environmental information about products.

30 Another initiative came from Remobilise, a company that specializes in the recovery, reuse and recycling of used mobile phones. Remobilise will give at least 50% of its profits from recycling to Rainforest Concern. In this way people who donate their old phones will be contributing to the conservation of habitats, ecosystems and wildlife.

Now mobile donation and recycling initiatives exist in many countries. For example,  
35 Eurosource donates three euros to UNICEF for every mobile recycled.

Adapted from an article by  
Miles PRATT. "The environmental cost of your mobile phone".

*Think in English*, no. 106

1. Mobile phones have special impact on the natural world because...
  - a)* they are very small.
  - b)* a lot of them are sold every year.
  - c)* they aren't small enough.
  - d)* 980 million of them are thrown away every year.
  
2. The most important problem with mobile phones is...
  - a)* their manufacturing process.
  - b)* not different from other electrical appliances.
  - c)* their frequent replacement.
  - d)* the natural resources used in their manufacturing process.
  
3. Some experts have studied the possible effects of radiation on our health and...
  - a)* they all say radiation is not dangerous.
  - b)* they suggest there is no reason to worry.
  - c)* they all say radiation is very dangerous.
  - d)* some of them say that radiation may have adverse health effects.
  
4. The group created in September 2006...
  - a)* wanted to improve the old mobile phones.
  - b)* reduced the consumption of mobile phones.
  - c)* reduced the consumption of dangerous substances.
  - d)* tried to reduce the environmental impact of mobile phones.
  
5. Remobilise is a company that...
  - a)* manufactures mobile phones.
  - b)* recycles mobile phones and helps the environment.
  - c)* uses mobile phones.
  - d)* gives money to people who donate their old phones.
  
6. UNICEF...
  - a)* is a company that recycles mobile phones.
  - b)* is a recycling initiative.
  - c)* gets money from mobile recycling.
  - d)* gives three euros to Eurosource.

B. Choose the correct words or definitions (*a*, *b*, *c*, or *d*) for the words below as they are used in the text.

[Total: 2 marks; 0.5 for each correct answer]

1. concerned (line 2)

*a*) worried                      *b*) concentrated              *c*) reacted                      *d*) questioned

2. Unlike (line 6)

*a*) dislike                      *b*) in contrast to              *c*) hate                      *d*) related to

3. harmful (line 18)

*a*) beneficial                      *b*) good                      *c*) injurious                      *d*) profitable

4. improve (line 25)

*a*) increase                      *b*) make                      *c*) test                      *d*) make better

C. Write 80-100 words about ONE of the following topics.

[Total: 5 marks]

1. Mobile phones and the way people use them may be a problem for the environment. Write your opinion about this subject.
2. Two friends are talking about mobile phones. One of them has a mobile phone and thinks it is very useful for his/her job and for his/her private life. The other one doesn't have a mobile phone and thinks that mobile phones are not necessary. Write the dialogue.