Name: Class:

Task 1

Freedom Computers is a charity which sends old computers from the UK to developing countries. When the charity receives an old computer, they first erase and reformat the hard disks so that no personal data is left on them. They then install Windows XP, so that the users of the computers don’t have to pay for an operating system.

The charity no longer sends out any CRT displays – those that they receive are sent for recycling. Instead, it only sends flat panel displays.

a) Explain **two** reasons why the Freedom Computers no longer sends CRT displays and instead sends flat-screen displays.

b) Developing countries include Burma, Libya, Cuba, Somalia, Ethiopia and others.

i) Discuss the barriers these countries have to better information technology access.

ii) Discuss what wealthy, developed countries can do to help to overcome these barriers.

Task 2

1. Discuss the lack of a good broadband service would have on a small business operating in a rural area in the UK.

2. Not all students in the UK have equal access to information technology.

a) State **two** reasons why this might be the case.

b) Describe **one** way in which unequal access to information technology negatively affects students studying at school.

c) Describe **one** way in which unequal access at school impacts students’ future prospects.

Task 3

Lithium may soon be mined in Cornwall.

Research lithium mining in Cornwall to answer the following points:

a) How will they mine the lithium?

b) What change in IT has created an increased demand for lithium?

Task 4

“Information technology is bad for the environment.”

Discuss the reasons why this statement is both true and false.

Task 5

The WEEE directive is concerned with the disposal of electrical and electronic equipment.

Research the directive using the following site:
https://www.gov.uk/electricalwaste-producer-supplier-responsibilities or other websites.

Explain **two** purposes of this directive and how these are achieved.