



Homework 2: Industry and enterprise

1. Energy sources can be categorised as either finite or non-finite.

(a) State what is meant by a finite resource. [1]

This is resource that will run out ✓ limited supply

(b) Give **one** example of a non-finite energy source. [1]

Wind power ✓

(c) Explain **one** benefit to the environment of using non-finite energy resources. [2]

It means that it is sustainable and won't run out. ✓ This means that it can be used by generations and we can use it now without impacting its supply in the future. ✓ less damage to environment less pollution

2. Manufacturers frequently make choices about their suppliers of raw materials based on their impact on society and the environment.

Examples include the use of recyclable components, fair trade textiles and biodegradable packaging.

Discuss how these choices may improve the ethical image of a company. [6]

consumer confidence
positive image
subsidies
repairable
less landfill
lower cost

By using more sustainable products and raw materials the company is supporting the generations to come and not using up resources that they might need. They are also preventing the destruction of habitats for wildlife and the destruction of biodiversity in the areas that the products come from. By using more sustainable materials they are also preventing the negative effects of creating their products on people in third world countries (where a lot of the resources often come from). This means that they are supporting the people who live near where the raw materials come from and the people affected by its use. It will also help the workers especially if the materials are fair trade as the workers will get paid fairly and won't be working in dangerous conditions.



By recycling products they are decreasing the amount of waste produce and biodegradable packaging also means that the waste that is produce doesn't have as much of an impact so will affect less people and decrease pollution.

3. The Japanese 'Kaizen' culture describes continuous improvement.
(a) Describe what is meant by 'continuous improvement'. [2]

This is when the workers aim to improve the company in whatever way they can by suggesting ideas *in pursuit of perfection*

- (b) State how employees are commonly involved in the continuous improvement process. [1]

They are encouraged to suggest things to improve within the company ✓

4. State **one** way in which manufacturing and consumption affects:
(a) pollution levels [1]

The waste produces from manufacturing can increase pollution ✓

- (b) global warming [1]

If they generate electricity in a way that produces carbon dioxide it contributes to global warming ✓

Total 15 Marks