Homework 2: Sustainability

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

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

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

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

# 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]

# 3. The Japanese ‘Kaizen’ culture describes continuous improvement.

# (a) Describe what is meant by ‘continuous improvement’. [2]

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

# 4. State one way in which manufacturing and consumption affects:

# (a) pollution levels [1]

(b) global warming [1]

Total 15 Marks