



Using Resources **Multiple Choice Questions**

Set 2

Tick **one** box.

1. Which statement about food, clothing, timber and fuels is correct?
 - A. they are always artificially made ☐
 - B. they are always made from finite resources ☐
 - C. they are always made from natural resources ☐
 - D. they can be made from natural resources, supplemented by agriculture ☐

2. What is a finite resource?
 - A. a limited resource that could run out ☐
 - B. a resource that can be remade as quickly as it is being used ☐
 - C. a resource that is made sustainably ☐
 - D. a synthetic material ☐

3. What is potable water?
 - A. all water is potable water ☐
 - B. pure water ☐
 - C. seawater ☐
 - D. water which is safe to drink ☐

4. Why is chlorine used in the production of potable water?
 - A. to kill microbes ☐
 - B. to remove large debris ☐
 - C. to remove salts ☐
 - D. all of the above ☐

5. What is the purpose of waste water treatment?
 - A. to make it safe to release the water back into the environment ☐
 - B. to remove harmful chemicals from industrial processes ☐
 - C. to remove organic waste and harmful microbes ☐
 - D. all of the above ☐



6. Which of these is **not** a stage of a life cycle assessment (LCA)?

- A. extraction of raw materials to make the product ☐
- B. disposal of the product ☐
- C. manufacturing of the product ☐
- D. the colour and style of the product ☐

7. Which material is **not** widely recycled in the United Kingdom?

- A. cardboard ☐
- B. glass ☐
- C. fabric ☐
- D. metal ☐

Table 1 shows information about the life cycle of two different milk bottles.

Table 1

	Glass Milk Bottle	Plastic Milk Bottle
Raw Materials	sand, soda ash, limestone	crude oil
Energy Required for Manufacturing (MJ/kg)	6.57	3.75
Lifespan	reusable	single-use

8. Calculate the number of times a glass milk bottle needs to be reused before it is more energy-efficient than a plastic milk bottle.

- A. 1 ☐
- B. 2 ☐
- C. 3 ☐
- D. 4 ☐

9. How does reusing a glass bottle reduce its environmental impact? Use information from **Table 1**.

- A. it preserves natural resources ☐
- B. it reduces the volume of waste rock from quarrying ☐
- C. it requires less energy than recycling ☐
- D. all of the above ☐



10. Which of the following statements is true? Use the information in **Table 1**.

- A. glass milk bottles cannot be used more than once ☐
- B. glass milk bottles require twice as much energy to manufacture compared to plastic milk bottles ☐
- C. plastic milk bottles are made using finite materials ☐
- D. plastic milk bottles are made using renewable materials ☐