

Questions 1–14 are about the article entitled *All About The Circular Economy*

1 According to the article, what do humans produce too much of?

\_\_\_\_\_

1 mark

2 Look at the introduction to the article.

The text refers to how humans *consume* products.

What does the word *consume* mean?

\_\_\_\_\_

1 mark

3 *In the natural world, there isn't any rubbish or landfill. Energy is provided by the Sun, one species' waste is another's food and when things die, their nutrients return to the soil – in a circle of life Unfortunately, humans do things in a more linear way....*

This suggests that...

Tick **one**.

humans and nature use waste in a similar way.

in nature, too much is wasted.

humans have a better way of doing things.

humans should learn from nature.

1 mark

4 Look at the section beginning '*When we want the latest phone or computer...*'

Complete the table below with **one** piece of evidence from the leaflet to support each statement.

	Evidence
Humans don't mend things when they break.	
Buying the latest phone is bad for the environment.	

2 marks

5

What is the purpose of the diagram entitled **Circular Economy**?

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1 mark

6

Look at the section headed: **Circular Economy**.

According to the article, why should products be designed better?

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1 mark

7

What is the main goal of a circular economy?

Tick **one**.

to design better products.

to ensure packaging is eco-friendly.

to throw things away when we've used them.

to use materials for as long as possible.

1 mark

8

Look at the section headed: **Mushroom Packaging**.

**Find and copy one** word that shows that the packaging is strong:

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1 mark

**9**Look at the section headed: **Repair Cafés**.

- (a) Tick one box in each row to show whether each of the following items is provided by Repair Cafés or not provided by Repair Cafés.

	Provided by Repair Cafés	Not provided by Repair Cafés
broken things		
tools		
advice		
furniture		

- (b) How could you find out where your nearest Repair Café is?

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2 marks

**10**Look at the section headed: **Not-so-fast Fashion**.

This section suggests that...

Tick **one**.

clothes should only be worn a few times.

everyone should buy expensive clothes.

clothes should last a long time.

everyone should buy Patagonia clothes.

1 mark

**11** Look at the section headed: **Freecycle**.

Using information from the text, tick one box in each row to show whether each statement is true or false.

	True	False
You can get rid of bicycles on Freecycle.		
You could find furniture advertised on Freecycle.		
You would have to deliver the things you wanted to get rid of.		

1 mark

**12** Look at the section headed: **Why is using CO<sub>2</sub> such a good thing?**

*This reduces the amount of crude oil used in the production by up to 20%.*

What does this tell us about the use of crude oil in Covestro's technology?

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**13** Look at the whole section headed: **Chemist Chat!**

Complete the table below to show what the text says about using Carbon Dioxide (CO<sub>2</sub>) to make products:

Items made using CO <sub>2</sub> now	Items made using CO <sub>2</sub> in the future
1. _____	1. _____
2. _____	2. _____

2 marks

**14** Explain how Cardyon is a good example of a circular economy:

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2 marks