najah213.com · نجاح 213

Essadek Makhlouf Secondary School --Ain Smara-
Class: 2nd Year Empirical Sciences 2

School Year: 2022/2023
Teacher: M. Benoudina

The Third Term Test of English

Part One: READING (20 pts)

Read the text carefully then do the activities.

Scientists Close to Turning Air into Fuel

Scientists at the Canadian company Carbon Engineering have said they are close to making carbon capture work. Carbon capture is the process of capturing waste carbon dioxide (CO2) from places like power plants and then storing it so it does not harm the environment. Carbon Engineering says its scientists are close to capturing CO2 from the atmosphere and turning it into carbon-neutral fuel. This could be a big step forward in the fight against global warming. The scientists also said they have greatly reduced the cost of carbon capture, to as low as $94 per ton of CO2 captured. Many scientists believed carbon capture would cost about $1,000 per ton captured.

The technology works by sucking air into special industrial towers. The CO2 is mixed with an alkaline liquid and frozen. It is then heated and combined with hydrogen. This produces liquid fuels like gasoline and jet fuel. The founder of Carbon Engineering, Professor David Keith, was optimistic about the future of this process. He believes his company could help to combat climate change. He said: "After 100 years of practical engineering and cost analysis, we can confidently say that while air capture is not some magical cheap solution, it is a viable and buildable technology for producing carbon-neutral fuels in the immediate future, and for removing carbon in the long run".

1. Are the following sentences true or false according to the text? 4 pts

a) A European company is turning CO2 in the air into fuel.
b) Carbon capture is the processing of CO2.
c) The new method could cost less than €1,000 per ton of carbon captured.
d) The new technology will not be able to make fluid fuel.

a)	b)	c)	d)

2. Fill in the chart with information from the text. 7 pts

Carbon Capture

What is it?	Who would do it?	The cost (price)?	The result

3. What or who do the underlined words refer to in the text? 2 pts

a) it (§1) b) his

4. Give the correct form of the verbs between brackets. 3 pts

a) If you throw a piece of dry wood into a pool, the wood (to float) ..... .
b) I would watch the sports programme on TV if I (to have) ..... the Internet.
c) If the scientists use the appropriate technology, they surely (to succeed) .....

5. Fill in each gap with only one word from the list. 4 pts

photosynthesis - responsible - increase - scientists - genetically - sunlight

Plants biologists have thought of a clever way to .....1..... the size of crops by as much as 20%. They have .....2..... modified part of mechanism in plants that is .....3..... for photosynthesis. .....4..... is the most important chemical reaction in the world.

Good Luck

www.dzexams.com

فروض واختبارات مع الحلول لكل المستويات — مجاناً
najah213.com