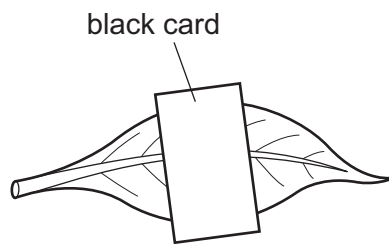


## HUMAN INFLUENCES ON THE ECOSYSTEM-SET-2

1 In the carbon cycle, which process removes carbon dioxide from the atmosphere?

- A** combustion
- B** decomposition
- C** photosynthesis
- D** respiration

2 A plant is destarched and then one of its leaves is partly covered with black card as shown.



The plant is then put in the light for six hours.

The card is removed and the leaf is tested for starch using iodine solution.

Which colours are seen five minutes after iodine solution is added?

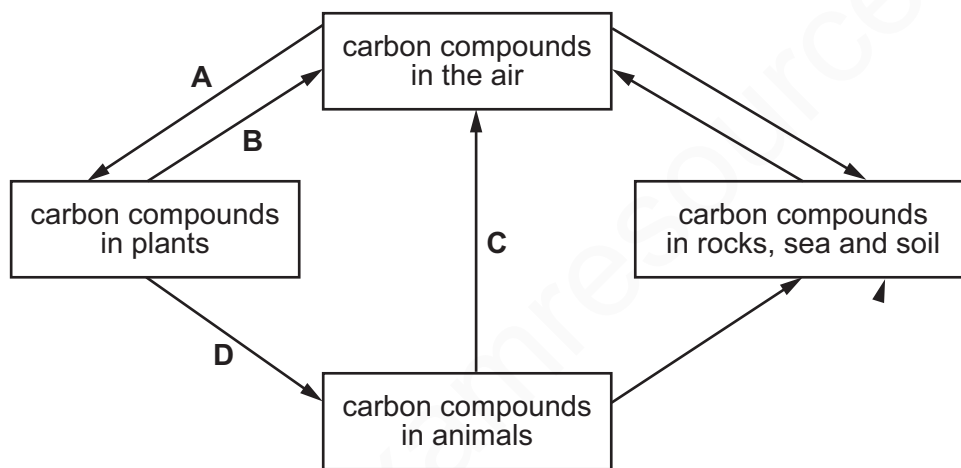
	area of leaf	
	not covered by card	covered by card
<b>A</b>	blue / black	blue / black
<b>B</b>	blue / black	yellow
<b>C</b>	yellow	blue / black
<b>D</b>	yellow	yellow

3 Deforestation can cause global warming because it leads to

- A build up of carbon dioxide.
- B extinction of species.
- C flooding of low-lying areas.
- D loss of soil.

4 The diagram shows part of the carbon cycle.

Which arrow shows respiration by plants?



5 Which chemical supplies carnivores with energy and plays a part in the carbon cycle?

- A carbon dioxide
- B fibre (roughage)
- C glucose
- D water

6 What is an effect of increased methane in the atmosphere?

- A a decrease in soil erosion
- B an increase in new plant species
- C the cooling of the Earth's atmosphere
- D the melting of the polar ice caps