

**SMART EXAM RESOURCES**  
**0654 COORDINATED SCIENCES [ DOUBLE AWARD]**  
**TOPIC QUESTIONS – BIOLOGY [ PAPER 2- MCQ]**  
**19.4-Carbon-dioxide-Source-and-Pollutants-Set-1**

1.

Which processes change the amount of carbon dioxide in the air?

	process causing increase in carbon dioxide	process causing decrease in carbon dioxide
<b>A</b>	burning fossil fuels	photosynthesis in plants
<b>B</b>	photosynthesis in plants	respiration in animals
<b>C</b>	respiration in animals	respiration in plants
<b>D</b>	respiration in plants	burning fossil fuels

2.

What is a harmful effect of an increase in carbon dioxide in the atmosphere?

- A** It allows more heat from the Sun to enter the Earth's atmosphere.
- B** It decreases the rate at which organisms respire.
- C** It increases the rate at which plants photosynthesise.
- D** It prevents reflected heat from leaving the Earth's atmosphere.