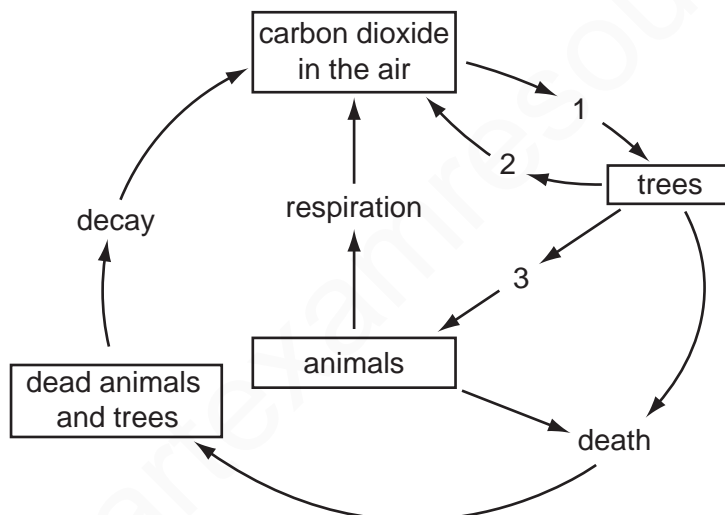# HUMAN INFLUENCES ON ECOSYSTEM-SET-1

1 What can lead to global warming?

	nitrogen fixation	deforestation	denitrification	burning of fossil fuels
A	✓	✓	✓	✗
B	✗	✗	✓	✓
C	✓	✗	✓	✗
D	✗	✓	✗	✓

2 The diagram shows part of the carbon cycle in a forest. The numbers represent different processes.

Which of these processes is reduced as a result of deforestation?

A   1 only

B   1 and 2 only

C   2 and 3 only

D   1, 2 and 3

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   What is an undesirable effect of deforestation?

   A   It increases the oxygen concentration of the atmosphere.

   B   It leads to erosion and loss of soil.

   C   It makes land available for agriculture.

   D   It pollutes the air with methane.

5   What can lead to global warming?

	deforestation	burning of fossil fuels
A	✓	✓
B	✓	✗
C	✗	✓
D	✗	✗

6   In some countries, deforestation has taken place in large areas.
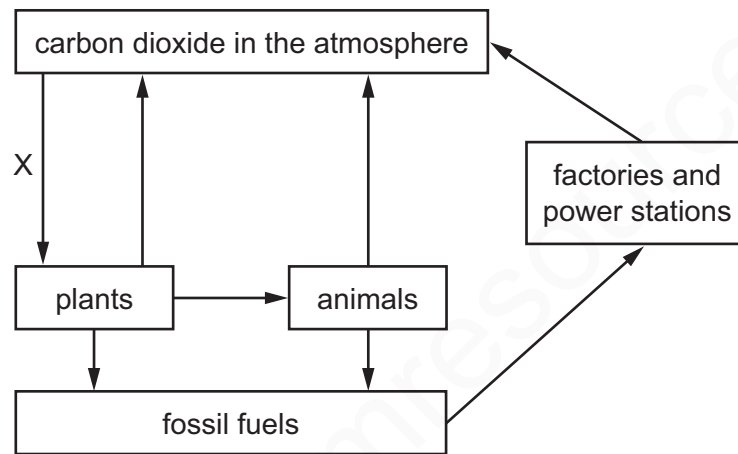
   What effect would this be likely to have on the environment?

   A   decreased carbon dioxide in the atmosphere

   B   decreased risk of flooding

   C   extinction of local species

   D   increased use of fossil fuels

7   Which gas has the biggest greenhouse effect?

   A   carbon monoxide

   B   methane

   C   nitrogen

   D   oxygen

8   The diagram shows part of the carbon cycle.

What process does X represent?

   A   combustion

   B   decay

   C   photosynthesis

   D   respiration

9   When raw sewage is discharged into a river, there is

   A   a decrease in oxygen concentration caused by a decrease in bacterial activity.

   B   a decrease in oxygen concentration caused by an increase in bacterial activity.

   C   an increase in oxygen concentration caused by a decrease in bacterial activity.

   D   an increase in oxygen concentration caused by an increase in bacterial activity.