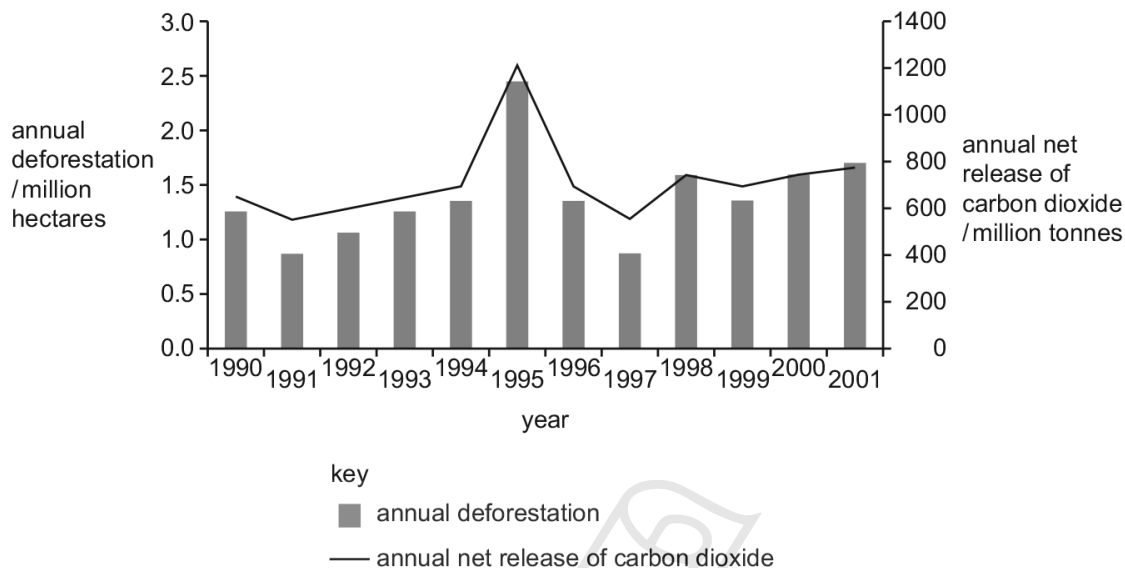


## 21.2 Habitat destruction

01. 0610\_s21\_qp\_23 Q: 40

The graph shows the annual deforestation and annual net release of carbon dioxide from an area of tropical forest between 1990 and 2001.



Which statements are correct?

- 1 The highest rate of deforestation occurred in 1995.
- 2 There is a close relationship between annual deforestation and carbon dioxide release.
- 3 The annual net release of carbon dioxide increases every year.

**A** 1 and 2 only    **B** 1 and 3 only    **C** 1, 2 and 3    **D** 2 and 3 only

02. 0610\_w21\_qp\_22 Q: 39

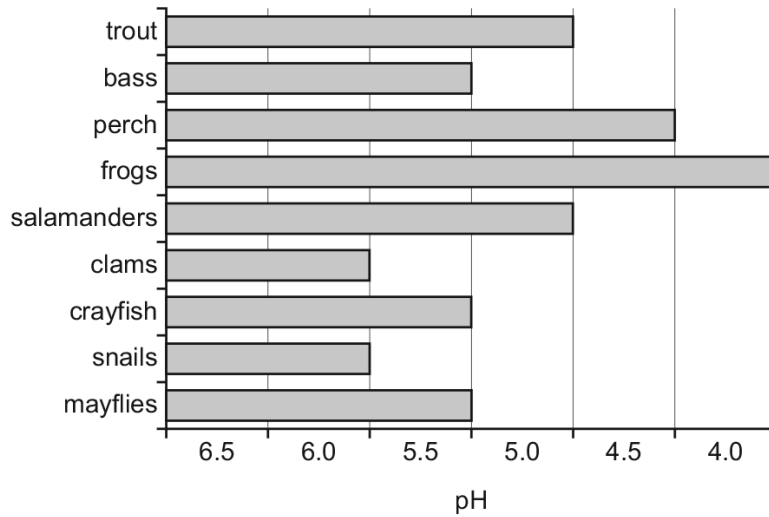
What are reasons why species become endangered?

- A** habitat destruction, hunting and introduced species
- B** habitat protection, introduced species and monitoring
- C** habitat destruction, hunting and captive breeding programmes
- D** hunting, pollution and seed banks

21.2. HABITAT DESTRUCTION

03. 0610\_w21\_qp\_23 Q: 39

The bar chart shows the tolerance of some river organisms to different levels of pH.



Which organisms would be most affected if the pH of a river decreased from pH 6.0 to pH 5.5?

- A crayfish and mayflies
- B frogs and perch
- C snails and clams
- D trout and salamanders

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04. 0610\_s19\_qp\_23 Q: 40

What is an undesirable effect of deforestation?

- A habitat creation
- B loss of soil
- C more species
- D reduced carbon dioxide in the atmosphere

05. 0610\_w19\_qp\_21 Q: 39

What are the possible effects of deforestation?

	loss of soil	flooding	decrease in atmospheric carbon dioxide
<b>A</b>	yes	yes	no
<b>B</b>	yes	no	yes
<b>C</b>	no	yes	no
<b>D</b>	no	no	yes

06. 0610\_s18\_qp\_21 Q: 39

Deforestation can have a negative impact on the environment.

Which statement about the negative impact of deforestation is correct?

- A** decreases the levels of carbon dioxide which can lead to reduced rates of photosynthesis
- B** decreases the amount of water flowing in local rivers so there is less flooding
- C** leads to soil loss so there is less fertile soil for the growth of crops in the area
- D** provides less land for the extraction of natural resources

07. 0610\_w18\_qp\_21 Q: 39

What is **least** likely to result from deforestation?

- A** increase in flooding
- B** increase in species
- C** loss of habitats
- D** loss of soil

08. 0610\_s17\_qp\_21 Q: 36

The processes listed in 1–4 will affect the concentration of carbon dioxide in the atmosphere.

- 1 increased deforestation
- 2 increased forestation
- 3 decreased fossil fuel combustion
- 4 increased fossil fuel combustion

Which processes would increase the concentration of carbon dioxide in the atmosphere?

- A** 1 and 3
- B** 1 and 4
- C** 2 and 3
- D** 2 and 4

SN	Paper	Q. No.	Answer
01	0610_s21_qp_23	40	A
02	0610_w21_qp_22	39	A
03	0610_w21_qp_23	39	C
04	0610_s19_qp_23	40	B
05	0610_w19_qp_21	39	A
06	0610_s18_qp_21	39	C
07	0610_w18_qp_21	39	B
08	0610_s17_qp_21	36	B



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