

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Pollution of Land and Water Questions

Name:

M M E

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Total Marks: /22

Q1: Give 2 examples of how water may become polluted.

1. _____

2. _____

(2 marks)

Q2: Explain the term sewage.

(1 mark)

Q3: How can sewage pollute the land if not properly treated?

(2 marks)

Q4: Farmers use pesticides to improve their crops. Explain the effect pesticide pollution has on an ecosystem.

(3 marks)

Q5: Define the term bioaccumulation.

(1 mark)

Q6: What effect does excess nitrates have on the waterways of the UK?

(1 mark)

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Q7: Scientists are investigating the species present in a green pond and find the species numbers have decreased. Explain why the species numbers have decreased.

(2 marks)

Q8: The Norfolk Broads is a unique waterway habitat that not only consists of a highly varied wildlife but also pleasure boaters. Environmentalists found the waterways were becoming polluted from heavy use and poor pollution management.

Discuss the ways in which, the Norfolk Broads could have reduced the pollution in recent years and the effects now seen.

(6 marks)

Q9: Explain what a bio indicator is and give an example.

(2 marks)

Q10: Give 2 ways scientist can use instruments to measure pollution levels.

1. _____
2. _____

(2 marks)