

The Nervous system

Question Paper

Level	GCSE
Subject	Biology (Gateway Science)
Exam Board	OCR
Topic	Organism Level Systems
Sub-Topic	The Nervous system
Booklet	Question Paper

Time Allowed: 15 minutes

Score: /12

Percentage: /100

1 *Conus magus* is a large tropical sea snail.



(a) The sea snail feeds on fish.

When it detects a fish it fires a hook into it.

The hook contains a powerful poison which paralyses the fish.

The poison stops the release of neurotransmitters.

Explain how this paralyses the fish.

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..... [2]

(b) Scientists are investigating the poison produced by the snail.

They think that it could be used as a painkiller in humans.

Describe how a double-blind trial would be designed to see if the poison works.

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..... [2]

[Total: 4]

