

GCSE Biology B (Twenty First Century Science)
J257/02 Depth in Biology (Foundation)

Question Set 19

1

Nina is walking in her garden with no shoes or socks on.

She steps on a sharp stone.



The sharp stone hurts Nina. Her foot moves away from the sharp stone quickly and automatically. This is a reflex response. It happens because of a **reflex arc** in Nina's nervous system.

Explain how the structures of Nina's reflex arc work together to move her foot away from the sharp stone without her having to think about it.

[6]

Total Marks for Question Set 19: 6

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