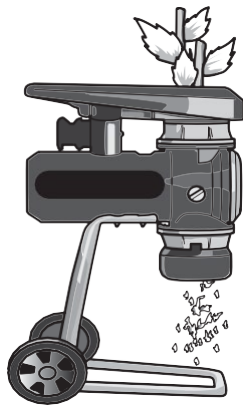


GCSE Biology A (Gateway)

J247/04 Biology A B4-B6 and B7 (Higher Tier)

Question Set: 12

1 This machine helps shred plants for a compost heap.



The machine can shred plants into three different sizes.

This graph is in the instruction booklet for the machine.



(a) Which size of plant pieces is best for making compost?

Explain your answer.

[3]

(b) The size of the plant pieces has an effect on the number of microorganisms in the compost.

Suggest why.

[2]

- (c) The decomposition of dead plants and animals is an important process for ecosystems.

Explain why.

[3]

Total Marks for Question Set 12: 8

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