

(Trophic levels in an ecosystem (pyramids of biomass, biomass transfer) – Higher has calculations)

Q1.(2019)

Draw a pyramid of biomass for the food chain.

Label each trophic level.

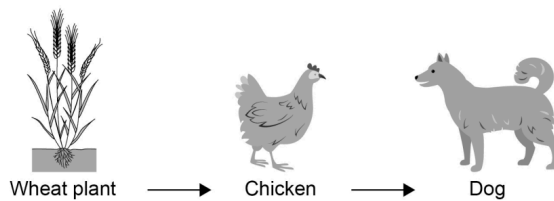
[2 marks]

Q2.(2020)

A food for pet dogs contains meat from chickens.

Figure 1 shows the food chain.

Figure 1



What is the trophic level of the dog?

[1 mark]

Tick (✓) **one** box.

1	☐	2	☐	3	☐
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Q3.(2020)

Some of the chicken biomass does **not** become part of the dog's biomass.

What is **one** reason why?

[1 mark]

Tick (✓) **one** box.

Some of the chicken is used for the dog to grow	☐
The dog produces waste in faeces	☐
The wheat is eaten by the dog	☐

Q4.(2020)

Ecology

<http://www.pcfgstudy.com>

A new dog food has been developed.

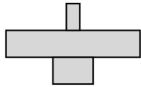
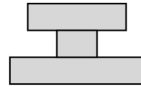
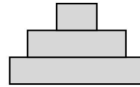
The new dog food is made from insects.

The insects in the dog food factory are fed on vegetables.

Which pyramid of biomass represents the vegetables, insects and dogs in this food chain?

[1 mark]

Tick (✓) **one** box.

☐☐☐