

**GCSE Biology A (Gateway)**

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

**Question Set 24**

Multiple Choice Questions

B4: Community Level Systems

1 There are different levels of organisation within an ecosystem.

What is the correct order of these levels?

- A Individual, community, population, ecosystem
- B Community, individual, ecosystem, population
- C Individual, population, community, ecosystem
- D Population, community, ecosystem, individual

Your answer

A

[1]

2 Look at the information about a food chain.

Organism	Number	Biomass
Oak tree	1	500,000
Aphids	10,000	1,000
Ladybirds	200	50

Calculate the percentage biomass of the aphids transferred to the ladybirds.

- A 0.05%
- B 20%
- C 5%
- D 2000%

$$\frac{50}{1000} \times 100 = 5\%$$

Your answer

C

[1]

3 In food chains, biomass is lost between different trophic levels.

One reason for this is the release of undigested food from the body.

Which term is used to describe this release?

- A Decomposition
- B Egestion
- C Excretion
- D Peristalsis

Your answer

B

[1]

**Total Marks for Question Set 24: 3**

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