

GCSE Biology B (Twenty First Century Science)
J257/01 Breadth in Biology (Foundation)

Question Set 6

1. Bulldogs are an example of a breed of dog that has been selectively bred.

(a) (i) Describe how dogs are selectively bred.

Dogs with desirable traits are selected by humans and then breed together.

[2]

(ii) Explain the impact of selective breeding on domesticated animals such as dogs.

It can reduce (allele/genetic) variation making certain disease more dangerous and causing health issues

[1]

(b) A cockapoo is a dog that results from the mating of two different breeds of dog; a cocker spaniel and a poodle.

The cockapoo is not a new

species. Explain why.

A cockapoo can mate with other dogs to have offspring which are fertile.

[2]

Total Marks for Question Set 6: 5

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