

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Variation Questions

Name:

M M E

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Total Marks: /21

Q1: Tick one example of genetic variation.

Eye Colour

Scar

(1 mark)

Q2: Explain the differences between genetic and environmental variation.

(2 marks)

Q3: Give 2 examples of factors causing environmental variation in plants.

(2marks)

Q4: Give an example of combined variance.

(1 mark)

Q5: Explain why scientists don't separate identical twins when researching variance.

(1 mark)

Q6: Discuss the differences scientists might see when studying identical twins that have grown up in different environments.

(3 marks)

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Q7: Design an experiment to show the differences between genetic and environmental variation.

(6 marks)

Q8: Looking at the 2 dogs below what is the main genetic variance between the 2?



(1 mark)

Q9: What term is used to describe the genetic control of physical characteristics?

(1 mark)

Q10: Give 3 common physical variations that humans can inherit from their parents.

(3 marks)