

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Extinction Answers

Name:

M M E

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Total Marks: /21

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Q1: Give a definition of extinction.

A= No remaining individuals of a species left alive.

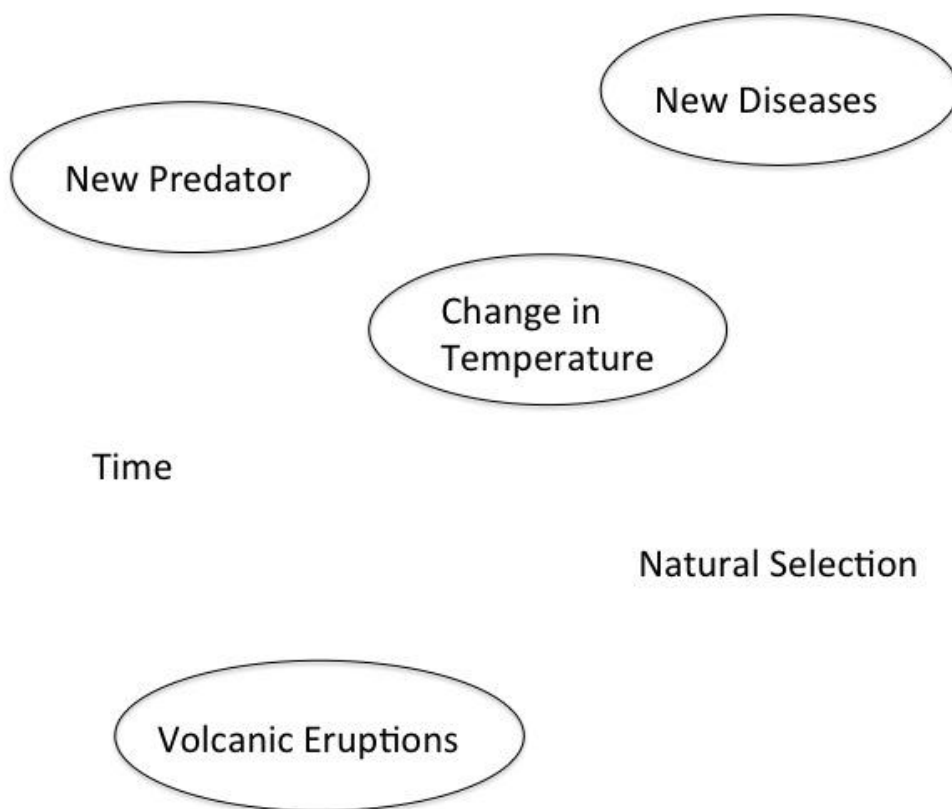
(1 mark)

Q2: Explain why conditions often occur for extinction.

A= Out competed by species better suited to the environment.

(1 mark)

Q3: Circle the factors below which can cause the extinction of a species.



A= 1 mark awarded for each clearly circled correct answer

(4 marks)

Q4: When did the dinosaurs become extinct?

A= 65 million years ago

(1 mark)

Q5: Explain why the environment changes have been the biggest cause of extinction over time.

A= 1 mark for each of the following:

- Earth's temperatures have changed over time
- Lose hot climate species in ice ages
- Lose cold climate species in hot climates
- Natural selection

(4 marks)

Q6: Fossil evidence shows that throughout history mass extinction has occurred. How many times has mass extinction happened?

A= 5

(1 mark)

Q7: Give 2 examples of catastrophic events, which have caused mass extinction.

A= Accept any 2 of the following:

- Volcanic eruptions
- Asteroid strikes
- Large earthquakes

(2 marks)

Q8: How is it believed that the dinosaurs were wiped out?

A= Asteroid strike.

(1 mark)

Q9: Describe the effects that would have been seen when the dinosaurs died out.

A= Accept any 4 of the following:

- Huge fires
- Earthquakes
- Excess dust in atmosphere
- Land Slides
- Tsunami

(4 marks)

Q10: What other theory has been put forward to explain the dinosaur extinction.

A= Global warming

(1 mark)

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Q11: To the power of 10 how long is a billion years?

A= Accept only correct answer clearly marked.

10^3

10^6

10^9

(1 mark)