

KEYS

Chapter 01 Young Darwin and God's Unchanging Creation

1

- 1) F 2) T 3) F 4) F

2

- 1) It means the art of stuffing animals.
2) Dean Paley.
3) He got theology degree.

3

open-ended

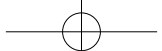
Chapter 02 The Voyage of the *Beagle*

1

- 1) D 2) B 3) C 4) A

2

- 1) T 2) T 3) F 4) T



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3

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Chapter 03 The Fossil Record

1

- 1) Its original meaning is “terrible lizard”.
- 2) Neptunists.
- 3) It refers to a branch of geology that studies the different strata of rocks.

2

- 1) F
- 2) T
- 3) T
- 4) F

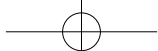
Chapter 04 Barnacles and Rocks

1

- 1) *An Essay on the Principle of Population*.
- 2) It was because of melting glaciers at the end of an ice age.
- 3) Barnacles.

2

- 1) F
- 2) T
- 3) F



Chapter 05 The Origin of Species

1

- 1) Because they have not been superseded by more efficient species.
- 2) “Continental drift”.

2

- 1) ecosystem
- 2) sexual selection
- 3) Batesian mimicry

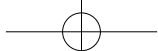
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- 1) One reasonable explanation is that species can become flexible and acquire new characteristics specific to their needs.
- 2) No, he probably did not. In practice, only a limited number of each species are able to survive long enough to breed. The rest die out. The same is true of whole species. Malthus seemed to have failed to take this fact into consideration.

Chapter 06 Lamarck and Mendel

1

- 1-B 2-C 3-A 4-D



004

2

- 1) F 2) T 3) F

3

- 1) According to Darwin, pangenesis is used to convey the idea that every part of the body exudes a little bit of itself, all of which come together in some liquid that transfers them to the offspring.
- 2) The red factor (or gene) is dominant.

4

Open-ended

Chapter 07 Apes and Humans

1

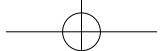
- 1) C 2) D 3) A 4) D

2

- 1) F 2) T 3) F 4) T 5) T

3

Open-ended



Chapter 08 The Descent of Man

1

1)-C 2)-A 3)-B

2

1) F 2) T 3) T 4) F 5) T

3

- 1) We are akin to apes in our skeleton, our physique, our diseases, our liking for tea, and our mental power capable of advancement.
- 2) Natural selection depends on the successful survival of both sexes in a hostile world, sexual selection depends on the triumph of certain individuals over others of the same sex in relation to the propagation of offspring.

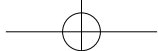
4

Open-ended

Chapter 09 Disciples and Rivals

1

1)-B 2)-C 3)-D 4)-A



006

2

- 1) T 2) F 3) F 4) T 5) T

3

- 1) Genetics is the study of how reproduction and evolution works.
- 2) They are minute, wriggling, worm-like structures usually doubled in the form of a rough St Andrews cross.

4

Open-ended.

Chapter 10 The Modern Synthesis

1

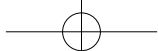
- 1) B 2) C 3) A 4) D

2

- 1) T 2) F 3) F 4) F

3

- 1) Because they have to solve the same problems and live in the same environment.
- 2) Because the motor for change is not self-improvement or perfectionism but simple survival.



4

Open-ended.

Chapter 11 From Eugenics to DNA

1

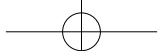
- 1) T 2) T 3) F 4) F

2

D

3

- 1) Eugenics is the science of ensuring that the healthiest and best humans breed with each other and the sickly and degenerate do not breed at all.
- 2) It was composed of four chemicals or four bases: adenine, guanine, cytosine and thymine.
- 3)
 - a. In all animals and plants the percentage of Adenine in DNA is always virtually equal to the percentage of Thymine, and the percentage of Cytosine is always virtually equal to the percentage of Guanine.
 - b. And, after all, different species do have different percentages of these pairs of chemicals.



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4

Open-ended.

Chapter 12 The Secret of Life?

1

1) D 2) A 3) A 4) D

2

1) T 2) F 3) T 4) F

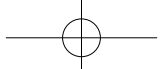
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1) When cells reproduce themselves the two helixes rip apart, like a zip unzipping. Each side of the zip sets about building itself a new opposite side to make up for the one torn away. And this copies the one ripped away.

2) It is the method scientists use to build and manipulate very long DNA sequences to improve food products or correct faults.

4

Open-ended



Keys

009

Conclusion Darwin Was Right

①

- 1) ancestor
- 2) proteins
- 3) gene sequences

②

- 1) F
- 2) T
- 3) T
- 4) T

③

Open-ended