



DEEPENING UNDERSTANDING ANSWER SHEET

SKELETONS READING COMPREHENSION – STANDARD Qs

Question One (1 Mark)

1 mark for an appropriate response

E.g. An individual form of life made from a cell/cells.

Question Two (1 Mark)

1 mark for matching the terms and definitions correctly

Endoskeleton – skeleton is within the interior of the body

Exoskeleton – skeleton appears outside the body

Hydrostatic – supported by fluid

Question Three (1 Mark)

1 mark for circling the correct answer

if damage occurs during a major trauma

Question Four (1 Mark)

1 mark for circling the correct word

firm

Question Five (2 Marks)

1 mark for each of the following (maximum of 2 marks)

The ribcage surrounds the lungs.

The ribcage surrounds the heart.

The cranium protects the brain.

Question Six (2 Marks)

1 mark for a simple explanation

E.g. By keeping our bones strong.

By eating properly.

By eating foods rich in calcium.

By having Vitamin D.

2 marks for more evidence to support point

E.g. By having a healthy diet.

Calcium will strengthen your bones.

Vitamin D will help your body to absorb calcium...strengthening your bones.



Question Seven (1 Mark)

1 mark for correctly identifying all 3 as fact or opinion

With such assorted appearances, it's understandable that creatures have dissimilar skeletal systems – **opinion**

Without an endoskeleton, a rabbit wouldn't be able to support itself, move or protect its vital organs – **fact**

The most vital role of an exoskeleton is to protect a creature from predators - **opinion**

Question Eight (1 Mark)

1 mark for reference to one of the following:

They support the creatures' body from the outside

They form an inflexible, rigid and strong case

They encompass their internal organs

They protect animals from predators

A tough exterior makes it harder for prey to attack

Question Nine (2 Marks)

1 mark for comparison between two types of skeletons OR for a comparison between two different types of species

E.g. they have different types of skeletons.

E.g. For example, a lobster has an exoskeleton and a rabbit has an endoskeleton

E.g. Some living organisms have an outer shell whereas others have a skeleton which you cannot see as it is hidden inside their body

Question Ten (2 Marks)

1 mark for a simple response

E.g. It would not be able to support itself.

Its vital organs may not be protected.

It would not be able to move in the way it does now.

2 marks for an extended response

E.g. Without an endoskeleton a giraffe would not be able to support itself. This would mean that it would be unable to stand up or hold up its neck. This would therefore result in the giraffe not being able to move in the same way it does now.

