

Q1.(2019)

The diagram illustrates the process of creating rock layers using different tools. On the left, three tools are shown: Tool A is a pointed, fluted object; Tool B is a flat, irregular object; and Tool C is a rounded, textured object. On the right, a cross-section of rock layers is shown, with lines indicating the use of each tool to create different layers. The layers are labeled 'layers of rock' and are shown in various shades of gray. Tool A is used for the top layer, Tool B for the middle layers, and Tool C for the bottom layer.

Explain how information from Figure 8 provides evidence for human evolution.

[illegible]

Stone tools can be found at sites used by our human ancestors.



(i) Describe how tool P was made.

.....

.....

.....

Q2.b(2022)

(ii) Figure 4 shows tool Q which was found at the same site as tool P.

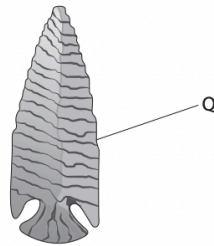


Figure 4

A scientist stated that tool Q was made by a more evolved human ancestor than tool P.

Which observation supports this statement?

(1)

- ☐ **A** tool Q is a darker colour than tool P
- ☐ **B** tool Q is more pointed than tool P
- ☐ **C** tool Q is a lighter colour than tool P
- ☐ **D** tool Q is less pointed than tool P

Q2.c(2022)

(iii) Tools provide evidence for human evolution.

Use words from the box to complete the sentences.

(2)

enlarge	human	migrate
mutate	natural	negative

Evolution is the change of inherited characteristics through

..... selection.

These changes occur because genes

Q2.d(2022)

Fossils were also found in the soil around tool Q.

Describe **two** ways that stone tools and fossils can be dated to find out how old they are.

(2)

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.....

.....

.....

Q3.a(2023)

Figure 4 shows fossils in different layers of rock.

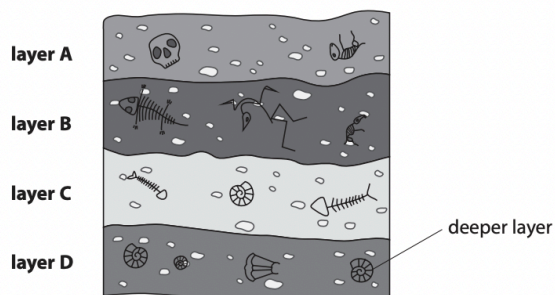


Figure 4

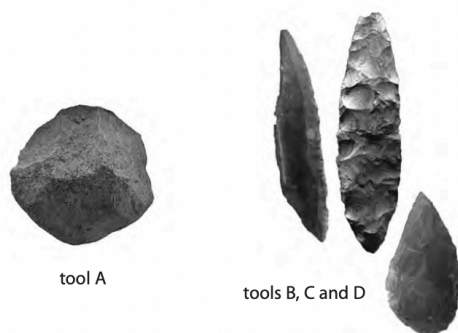
(i) Which layer of rock is likely to contain the most recent fossils?

(1)

- ☐ A layer A
- ☐ B layer B
- ☐ C layer C
- ☐ D layer D

Q3.b(2023)

Figure 5 shows some stone tools from two different periods of time.



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Figure 5

(ii) Explain **one** difference between tool A and tools B, C and D.

(2)

Q4.a(2024)

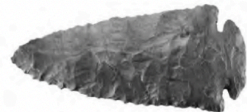
One source of evidence for human evolution is from stone tools.

Give **one** other source of evidence for human evolution.

(1)

Q5.a(2024)

Figure 6 shows two stone tools.



(Source: © John Kepchar/Shutterstock)

tool A
approximately
4000 years old



(Source: © Eduardo Estellez/Shutterstock)

tool B
approximately
100 000 years old

Figure 6

(i) Explain how these tools provide evidence for human evolution.

(3)

Q5.b(2024)

Describe **two** methods that scientists use to date stone tools.

(2)