**Week 1 separate science homework Name …………………… class …………….**

**Q1.** The diagram shows four Stone Age tools discovered at different archaeological sites in Europe.



(i)  Complete the sentence by putting a cross () in the box next to your answer.

The Stone Age tool made most recently is the

**(1)**

   **A**    handaxe

   **B**    arrow head

   **C**    cutting stone

   **D**    hammer stone

(ii)  **Suggest** how these tools may have helped early humans to survive.

**(2)**

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**Q2.**The timeline shows when *Homo sapiens* and some of their ancestors are thought to have inhabited the Earth.



(a)  (i)  Complete the sentence by putting a cross () in the box next to your answer.

The species which is thought to have inhabited the Earth for the longest period of time is

**(1)**

   **A**    *Australopithecus afarensis*

   **B**    *Homo erectus*

   **C**    *Homo habilis*

   **D**    *Homo sapiens*

(ii)  **Estimate** the number of years that *Homo habilis* inhabited the Earth.

**(1)**

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(b)  Scientists in Africa discovered part of a fossilised skull. The skull was identified as belonging to the species *Homo erectus*. **Describe** the methods scientists may have used to identify the skull as belonging to the species *Homo erectus*.

**(2)**

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**Q3.**    Complete the sentence by putting a cross (  ) in the box next to your answer.

 The formation of a new species due to geographical isolation is called

**(1)**

    **A**   adaptation

    **B**   competition

    **C**   hybridisation

    **D**   speciation

**Q4.** Birds are classified in the domain Eukarya.

(i)  Why are the cells from birds described as eukaryotic?

**(1)**

   **A**    they have membrane-bound organelles

   **B**    they do not have nuclei

   **C**    they have a rigid cell wall

   **D**    they have a cell membrane

(ii)  Give **one** reason why the three domain classification system was proposed.

**(1)**

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 **Q5.** (a)  All the organisms in the diagram belong to one Kingdom.

(i)  Which Kingdom do these organisms belong to?

Place a cross () in the box next to your answer.

**(1)**

   **A**    Animalia

   **B**    Fungi

   **C**    Protoctista

   **D**    Prokaryotes

(ii)  In which structure are the chromosomes of these organisms found?

Place a cross () in the box next to your answer.

**(1)**

   **A**    cilia

   **B**    chloroplast

   **C**    flagellum

   **D**    nucleus