

Human evolution evidence

Q1.a(2019)

A Eukarya

3ai. The only correct answer is A

B is not correct because plants are not single celled prokaryotic organisms

C is not correct because plants are not single celled prokaryotic organisms and Monera is a kingdom

D is not correct because Protista is a kingdom and not a domain

Q1.b(2019)

A oxygen produced sunlight absorbed by chlorophyll

3aii. The only correct answer is A

B is not correct because photosynthesis doesn't produce carbon dioxide and sunlight is not absorbed by mitochondria

C is not correct because sunlight is absorbed by chlorophyll not mitochondria

D is not correct because photosynthesis doesn't produce carbon dioxide it produces oxygen

Q1.c(2019)

Any one from:

- (improved) genetic analysis (1)
- DNA/RNA {screening/sequencing} (1)
- domain theory is based on genetics (1)
- differences between coding and non-coding DNA (1)

Q2.a(2024)

it is more sophisticated / it is more shaped / it is sharper / been carved

Q2.b(2024)

An answer including two from:

- location in the rock layer / how deep the tool is found (1)
- older tools are deeper / ORA (1)
- using other fossils found in the location (1)

Q3.(2024)

An answer including two from:

- larger skull / indication of larger brain (1)
- bipedalism / description of bipedalism (1)
- taller (1)
- opposable thumbs / shorter {fingers / toes} / arched feet (1)