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## Activity

# Quiz: Geological timescale

This quiz is marked out of 10. It could be used as a quick review before teaching the topic to see what students already know. Alternatively, it could be a short team quiz, used for fun but as a way of opening up a discussion of these issues. Answers are available to download as a separate document from *GeographyReviewExtras*.

1 Geological time is divided into 4 eons, 10 eras, 37 short epochs and 22 what? (1 mark)

- A Periods
- B Ages
- C Chronos
- D Intervals

2 How old are the oldest rocks in the UK? (1 mark)

- A 1.1 billion years
- B 600 million years
- C 2.7 billion years
- D 900 million years

**3** Rocks in the north and west of the UK (see map) have been economically very important for fossil fuels, building stone, clay and cement production. Which geological period are these rocks from? (1 mark)



- A Silurian
- B Carboniferous
- C Cretaceous
- D Permian

**4** What is the name of the geological period we are in today, beginning 2.6 million years ago? (1 mark)

- A Holocene
- B Pleistocene
- C Neogene
- D Quaternary

**5** What is the proposed name for the epoch we are currently living in, characterised by human impacts on natural processes? (1 mark)

- A Hominocene
- B Humaniferous
- C Anthropocene
- D Archean

**6** What geological period do the chalk cliffs of Dover, southeast England and Flamborough Head date from? (1 mark)

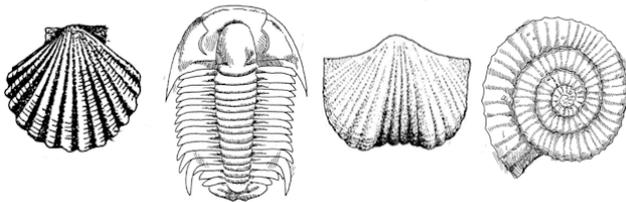
- A Cretaceous
- B Ordovician
- C Carboniferous
- D Triassic

**7** How long ago were volcanoes most recently active in the UK? (1 mark)

- A 4 million years ago
- B 14 million years ago
- C 44 million years ago
- D 140 million years ago

**8** Which of the 4 types of fossil, found in UK rocks, is the oldest? (1 mark)

Bivalve Trilobite Brachiopod Ammonite



- A Bivalve
- B Trilobite
- C Brachiopod
- D Ammonite

**9** Which group of animals became extinct some 50,000–12,000 years ago at the end of the Pleistocene epoch? (1 mark)

- A Dodo, great auk, thylacine
- B Pterosaurs, Triceratops, theropods
- C Giant deer, mammoth, giant sloth

**10** Rocks from which geological periods are the reservoir rocks for most North Sea oil and gas reserves? (1 mark)

- A Permian, Triassic and Jurassic
- B Quaternary
- C Silurian and Ordovician
- D Pre-Cambrian

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