

## TEXT G: Tycho Brahe

### ANSWERS

- a** Identify **one** technique Niamh uses to get the audience's attention. 1 mark

Possible answers include:

- asking thought-provoking questions
- appealing to the audience's sense of belonging ('you're not alone')

- b** Give the phrases used in the text to define the following terms. 2 marks

**Solar eclipse:** when the Moon passes in front of the Sun and blocks the light

**Supernova:** sudden brightening of a star

- c** How do you know that Tycho Brahe loved astronomy? Give **two** pieces of evidence from the text to support your answer. 2 marks

Possible answers include:

- He is described as 'very interested'.
- He was fascinated by the solar eclipse.
- He started making measurements.
- He made observations every night.

- d** Tick (✓) the correct box.

What subject did Tycho Brahe *not* study during his lifetime? 1 mark

literature

astrology

medicine

alchemy

- e** Over his lifetime, Tycho Brahe made a catalogue of stars and their measurements. How many entries were in this catalogue? 1 mark

**1,000 stars**

- f** Niamh thinks Tycho Brahe had a strange life. List **three** examples she gives in the text. 3 marks

Possible answers include:

- He was in a duel and lost part of his nose.
- He wrote poetry.
- He married a common woman.
- He had a tame elk as a pet.
- He was rumoured to have been poisoned.