

Past-paper walk-through

Technological Advances: Debates About the Environment After 1900 ■ 9.3

eXercise

Questions in this set

- 2023 Set 1 Q4

Reading the mark scheme

- **B1** a mark that stands on its own – the point is either made or not.
- **M1** a *method* mark: the right approach, even if the number is wrong.
- **A1** an *answer* mark, and it usually needs its M mark first.
- **C1** a working mark on the way to the answer.
- **//** separates answers the examiner accepts equally.
- **ecf** = error carried forward: a later part is marked on your own earlier answer.
- **owtte** = “or words to that effect” – the wording need not match.

Question 4

2023 Set 1 ■ Q4

Respond to parts a, b, and c.

- (a)** Identify ONE way that environmental conditions contributed to the beginning of industrialization in the eighteenth and early nineteenth centuries.
- (b)** Explain ONE way societies or governments reacted to industrialization in the eighteenth and nineteenth centuries.
- (c)** Explain ONE way human activity led to environmental changes in the twentieth century.

Solution 4

(a)

Mark scheme

- Identify ONE way that environmental conditions contributed to the beginning of industrialization in the 18th century and early 19th centuries. (1 point) — accept any: The location of coal and other resources helped some countries industrialize.; Access to rivers or other waterways made it easier for manufacturers to harness water as a source of energy and export products.; Geographic regions that had easy access to natural resources, navigable waterways, and possessed capital were able to industrialize in the eighteenth century.

Solution 4

(b)

Mark scheme

- Explain ONE way societies or governments reacted to industrialization in the 18th and 19th centuries. (1 point) — accept any: Some governments responded to industrialization by adopting various social and urban reforms.; Some workers responded to the challenges of living in an industrial society by forming labor unions to defend their rights.; Some societies, such as Meiji Japan, responded to European industrialization by attempting to modernize their economy and military in order to match European power.

Solution 4

(c)

Mark scheme

- Explain ONE way human activity led to environmental changes in the 20th century. (1 point) — accept any: Increased use of fossil fuels led to higher levels of pollution.; The Green Revolution is an example of humans changing their environment by creating new varieties of crops to support a growing population.; Environmental disasters such as the BP oil spill or the nuclear explosion at Chernobyl have had significant long-term effects on soil, animal populations, and water.