

Exercise walk-through

Technological Innovation ■ 6.5

eXercise

You must be able to

- state the CED's claim about businesses and technology
- name the two things businesses made use of
- explain why access to natural resources appears beside technology
- connect this subtopic to 6.6

Method — The claim

Businesses made use of technological innovations and greater access to natural resources to dramatically increase the production of goods.

Method — Two inputs

Technological innovations and **greater access to natural resources**. A machine without material produces nothing, so the CED names both.

Method — Why resources

6.2's railroads and mineral discoveries supplied the access. The technological subtopic therefore depends on the western subtopic — production rose because the continent's resources became reachable.

Method — Link to 6.6

6.6 adds the other half: **redesigned financial and management structures, advances in marketing, and a growing labor force.** Technology and resources are the physical inputs; 6.6 supplies the organisational ones.

Practice 2.1 ■ 2 marks

State the CED's claim about businesses and technology.

Solution 2.1

Method: The claim

Worked steps

they made use of technological innovations and greater access to natural resources **B1** to dramatically increase the production of goods **B1**.

Practice 2.2 ■ 2 marks

Explain why access to natural resources appears beside technology.

Solution 2.2

Worked steps

a machine without material produces nothing **B1**, so increased output required both **B1**.

Practice 2.3 ■ 2 marks

6.5 and 6.6 divide the explanation.

- (a) State what each supplies.
- (b) State which earlier subtopic supplied the access.

Solution 2.3

Method: Why resources

Worked steps

- (a) 6.5 supplies the physical inputs **B1**; 6.6 supplies the organisational ones **B1**.
- (b) 6.2's railroads and mineral discoveries **B1**.

Exam-style 3.1 ■ 1 mark

Businesses used technological innovations and greater access to

- A** natural resources
- B** foreign markets only
- C** federal land grants only
- D** enslaved labour

Solution 3.1

Method: The claim

A natural resources



B foreign markets only

C federal land grants only

D enslaved labour

Worked steps

A. natural resources.

Exam-style 3.2 ■ 1 mark

6.6 adds financial and management structures, marketing and

A a growing labor force

B more machines

C more coal

D more railroads

Solution 3.2

Method: Link to 6.6

A a growing labor force



B more machines

C more coal

D more railroads

Worked steps

A. a growing labor force.

Exam-style 3.3 ■ 1 mark

A factory has new machinery and no reliable supply of raw material.

- (a) State the outcome.
- (b) Explain why the CED names both inputs.

Solution 3.3

Method: Two inputs

Worked steps

(a) production does not rise **B1**. (b) each input is necessary and neither is sufficient **B1**, so an increase in output requires both to be present **B1**.