

6.5 Technological Innovation

Name: _____ Class: _____ Date: _____ **Total: 12 marks**

KEY WORDS technological innovation 技术创新

Objective

Build the skills to explain **technological innovation** 技术创新.

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

1 Worked examples

Study these first. Each one shows the method for a task used later.

■ **The claim**

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

■ **Two inputs**

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

■ **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.

■ **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.

2 Practice

2.1 State the CED’s claim about businesses and technology. [2]

2.2 Explain why access to natural resources appears beside technology. [2]

2.3 6.5 and 6.6 divide the explanation.

(a) State what each supplies. [2]

(b) State which earlier subtopic supplied the access. [1]

3 Exam-style questions

3.1 Businesses used technological innovations and greater access to [1]

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

3.2 6.6 adds financial and management structures, marketing and [1]

- | | |
|---|---|
| A | B |
| C | D |
- A** a growing labor force
B more machines
C more coal
D more railroads

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

(a) State the outcome. [1]

(b) Explain why the CED names both inputs. [2]
