

6.2 Global Energy Consumption

Name: _____ Class: _____ Date: _____

Total: 9 marks

KEY WORDS fossil fuels 化石燃料

Objective

Build the skills to answer exam questions on **global energy consumption**.

You must be able to:

- describe patterns of energy use across **developed** and **developing** countries
- explain why consumption is rising
- link consumption to development

1 Worked examples

Study these first. Each one shows the method for a question type used later — follow the steps and you can do the Practice and Exam-style questions yourself.

■ Global patterns

Developed countries use far more energy **per person** than developing ones. As **developing** countries industrialize and grow, their total energy use rises rapidly.

■ Fossil fuels dominate

Most of the world's energy still comes from **fossil fuels** (oil, coal, natural gas), though renewables are growing.

■ Why consumption rises

Rising **population**, **industrialization**, and **living standards** all increase energy demand — more machines, transport, and appliances.

■ A worked comparison

A person in a wealthy industrialized country typically uses many times more energy than a person in a low-income country, mainly for transport, heating/cooling, and manufactured goods.

2 Practice

Now apply the methods above.

2.1 Which use more energy per person: developed or developing countries? [1]

2.2 What is the world's dominant energy source? [1]

2.3 State one reason global energy use is rising. [1]

3 Exam-style questions

3.1 Global energy consumption is rising mainly due to [1]

A	B
C	D

A falling population

B industrialization and rising living standards

C less transport

D fewer appliances

3.2 A developing country begins to industrialize rapidly.

(a) Predict what happens to its energy consumption. [1]

(b) Explain why. [2]

3.3 Explain why per-person energy use is higher in developed countries. [2]