



National  
Qualifications  
2024

**X833/76/12**

**Geography  
Global Issues and  
Geographical Skills**

TUESDAY, 23 APRIL

11:20 AM – 12:30 PM

**Total marks — 60**

**SECTION 1 — GLOBAL ISSUES — 40 marks**

Attempt **TWO** questions.

**SECTION 2 — APPLICATION OF GEOGRAPHICAL SKILLS — 20 marks**

Attempt the question.

You will receive credit for appropriately labelled sketch maps and diagrams.

Write your answers clearly in the answer booklet provided. In the answer booklet you must clearly identify the question number you are attempting.

Use **blue** or **black** ink.

Before leaving the examination room you must give your answer booklet to the Invigilator; if you do not, you may lose all the marks for this paper.



## SECTION 1 — GLOBAL ISSUES — 40 marks

Attempt TWO questions

## Question 1 — River basin management

- (a) When selecting the site for a dam and its associated reservoir:
- (i) **describe** the **physical** factors that need to be considered **and**
  - (ii) **explain** why they are important. 8
- (b) Referring to a named water control project you have studied, **discuss** the socio-economic **and** environmental **benefits** created by the construction of a major dam and its associated reservoir. 12

## Question 2 — Development and health

- (a) For a water-related disease you have studied, **describe** the physical and human causes of the disease.

8

‘Malaria can be defeated. With robust political commitment, adequate investment and the right mix of strategies, we can reach our common goal of a world free of malaria’ stated the UN Secretary-General António Guterres. *UN News on World Malaria Day 2021.*

- (b) Water-related diseases need investment in strategies to combat them.  
Referring to a water related disease you have studied, **explain** the strategies used to manage the disease.

12

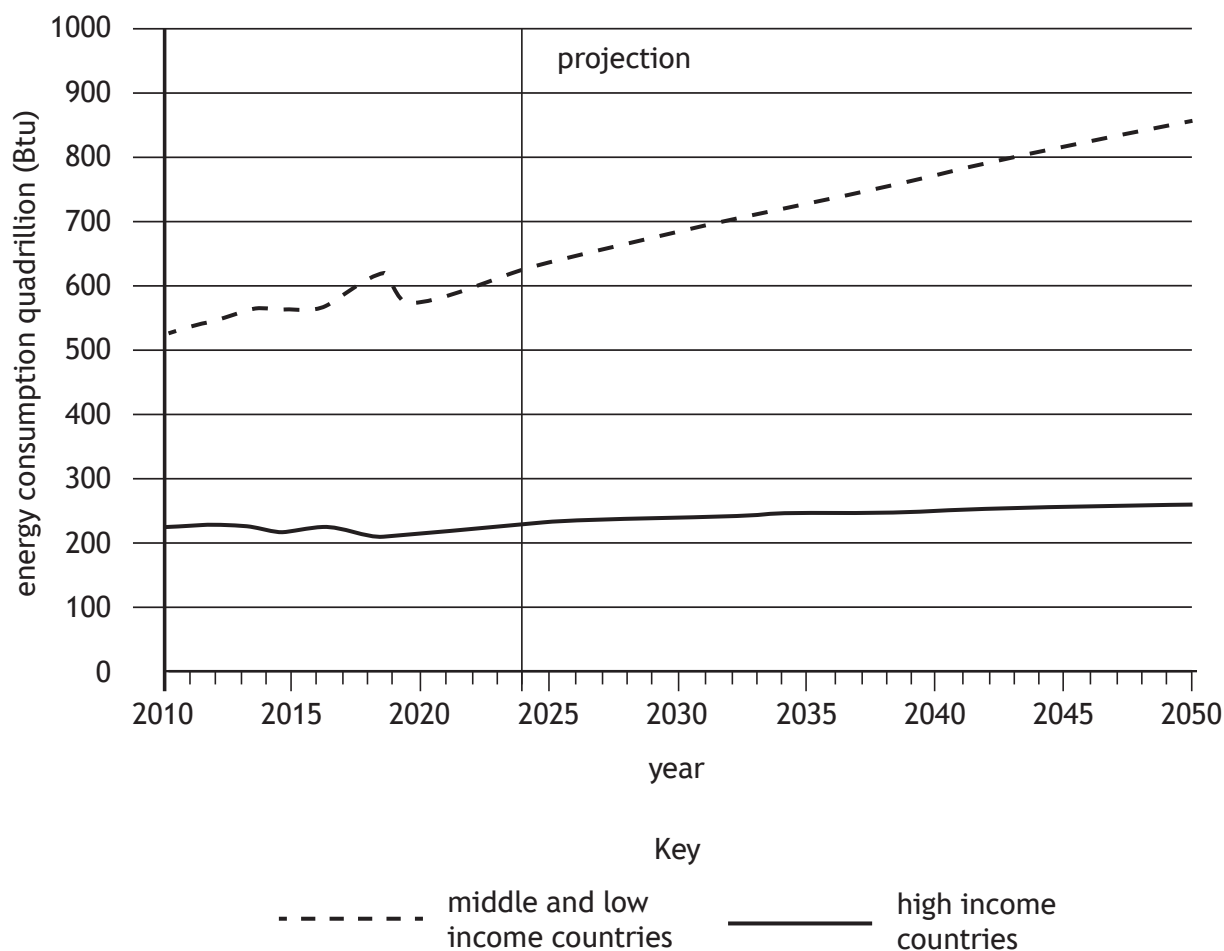
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## Question 3 — Global climate change

- |                                                                                                                             |           |
|-----------------------------------------------------------------------------------------------------------------------------|-----------|
| (a) <b>Discuss</b> a range of possible impacts of climate change.<br>You should support your answer with specific examples. | <b>12</b> |
| (b) <b>Describe</b> strategies used to reduce greenhouse gas emissions.                                                     | <b>8</b>  |

## Question 4 — Energy

Diagram Q4A Projected world energy consumption



Look at Diagram Q4A above.

- (a) **Suggest reasons** for the changes in energy consumption in middle and low-income countries. 8
- (b) **Comment on** the effectiveness of nuclear, **or** any other non-renewable source of energy you have studied, in meeting the energy demands of a country. 12

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## Attempt the question

## Question 5

Porthcawl is a popular seaside resort in South Wales. There are plans to implement a wholesale redevelopment of the seafront area. This plan will include:

- 900 new homes
- expanded school
- shopping facilities
- additional tourist and leisure facilities

The development will be built on land to the west of the existing holiday park, currently occupied by a disused caravan park and existing tourist and leisure facilities.

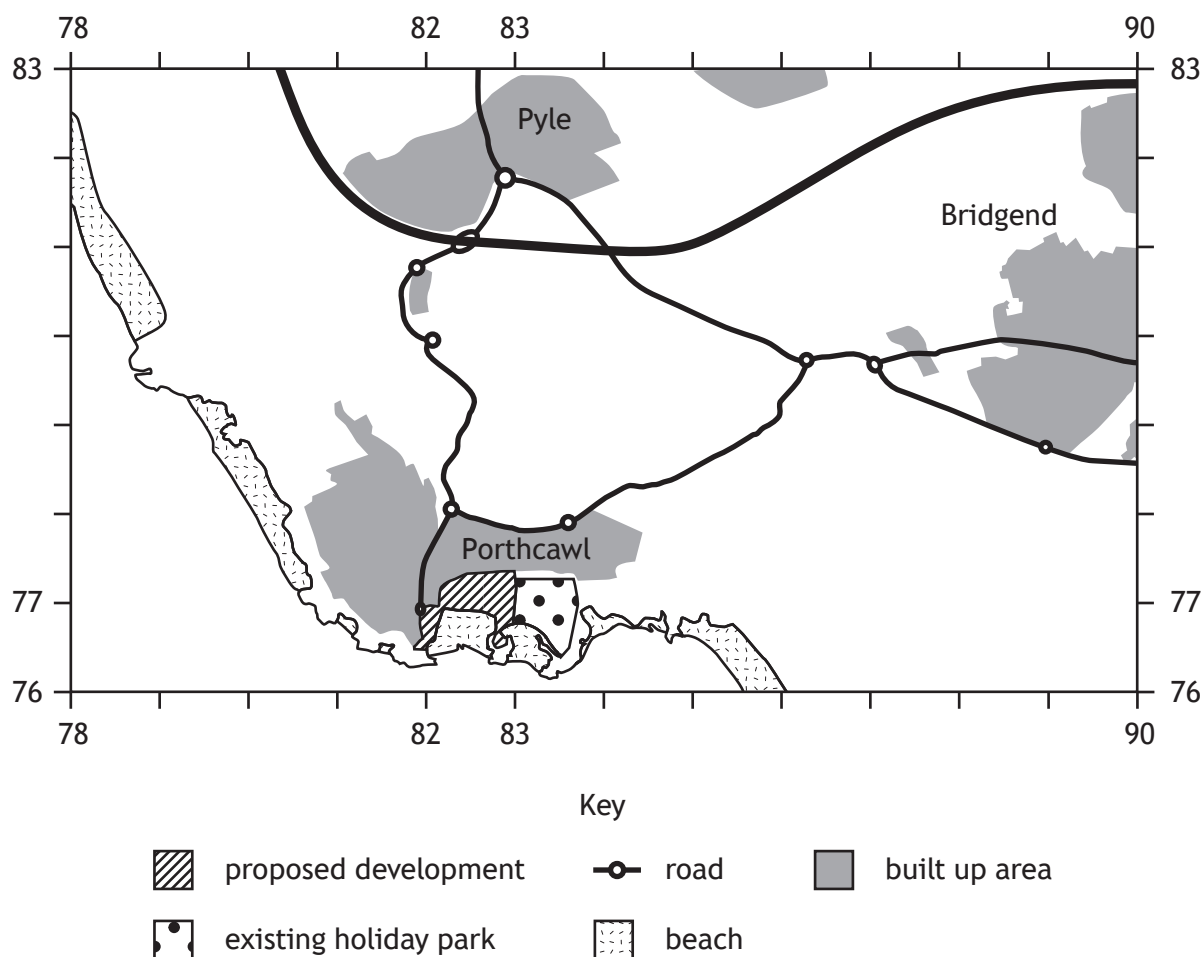
Study the Ordnance Survey map extract of the Porthcawl area, and Diagrams Q5A, Q5B, Q5C, Q5D and Q5E before answering this question.

Referring to map evidence from the OS map extract and information from the other sources, **discuss**:

- the suitability of the proposed location for the development **and**
- any possible social, economic or environmental impacts this development may have on the surrounding area.

20

Diagram Q5A Map of proposed development and surrounding area



Question 5 (continued)

Diagram Q5B Population change in local authority areas in South Wales (2011 to 2021)

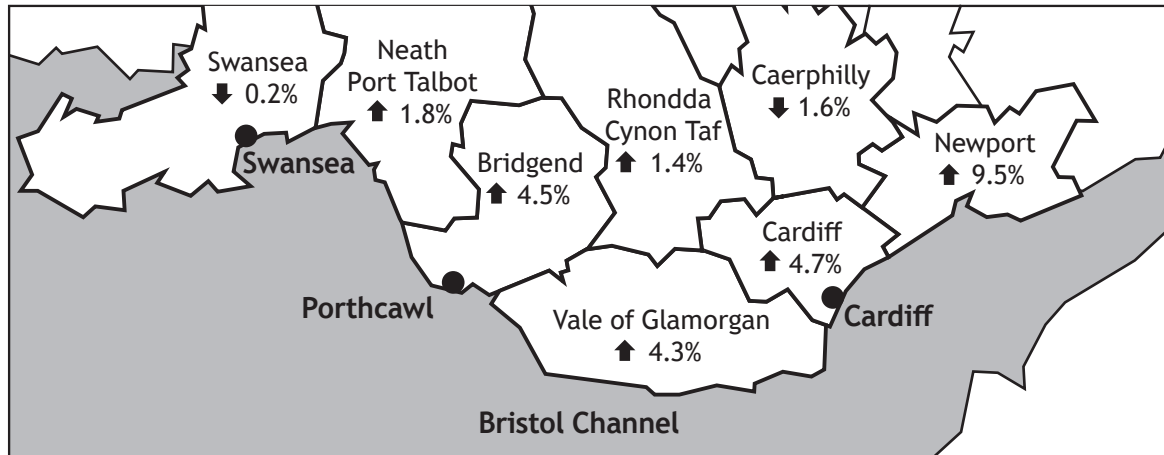


Diagram Q5C Development plan

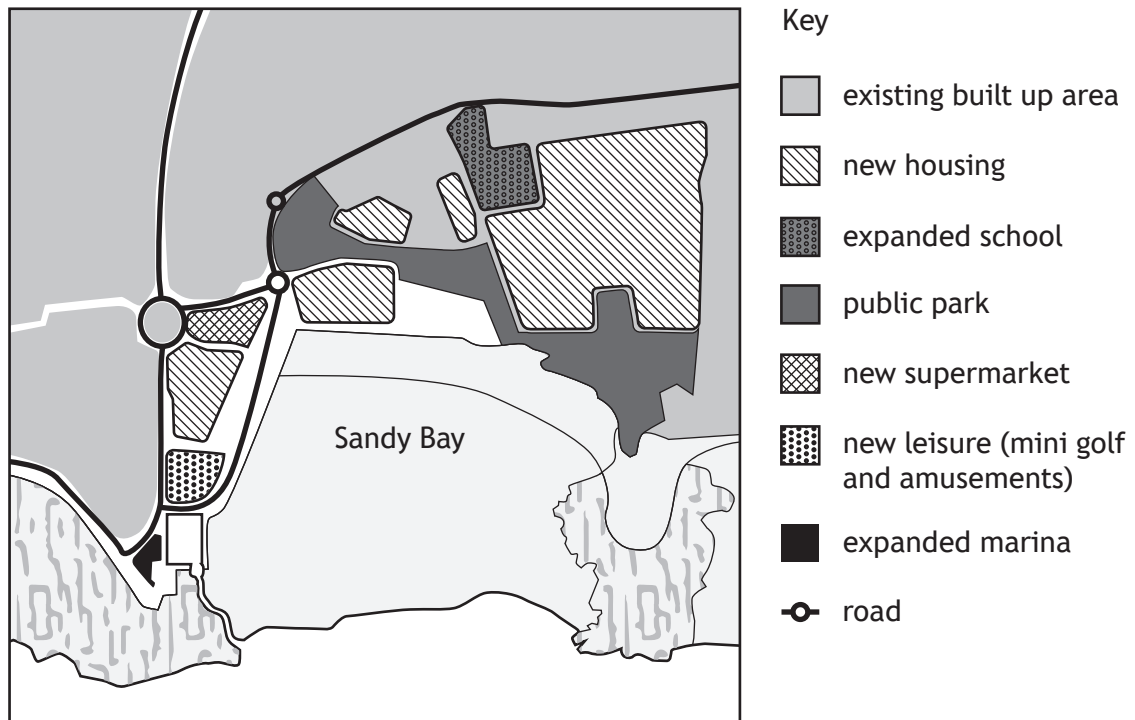


Diagram Q5D Average House prices for Porthcawl

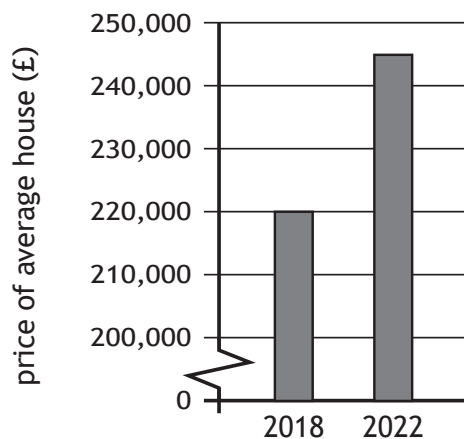
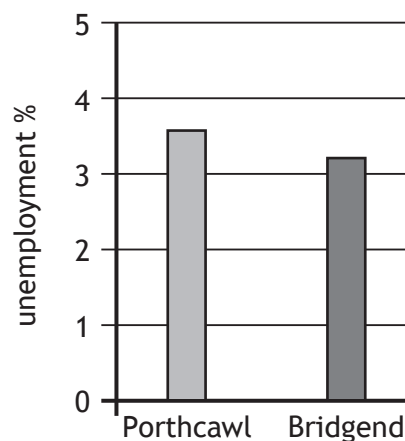


Diagram Q5E Unemployment figures 2022



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