National
Qualifications
2022 MODIFIED

X833/76/12

Geography
Global Issues and Geographical Skills

WEDNESDAY, 27 APRIL
11:20 AM – 12:10 PM

Total marks — 40

SECTION 1 — GLOBAL ISSUES — 20 marks

Attempt **ONE** question.

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.

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MARKS

SECTION 1 — GLOBAL ISSUES — 20 marks

Attempt ONE question

Question 1 — River basin management

The construction of a major dam and its associated reservoir can have major consequences for the surrounding area and its people.

Discuss the positive and negative consequences of a named water control project that you have studied. **20**

You should refer to both socio-economic and environmental consequences in your answer.

MARKS

Question 2 — Development and health

> The Global Fund estimates that, if fully financed, it will reduce cases of Malaria by 25% and cut deaths from Malaria by 43% by 2023. *Commonwealth Malaria Report 2019*.

For a water-related disease you have studied:

(a) **describe**, in detail, the strategies used to manage the disease **and**

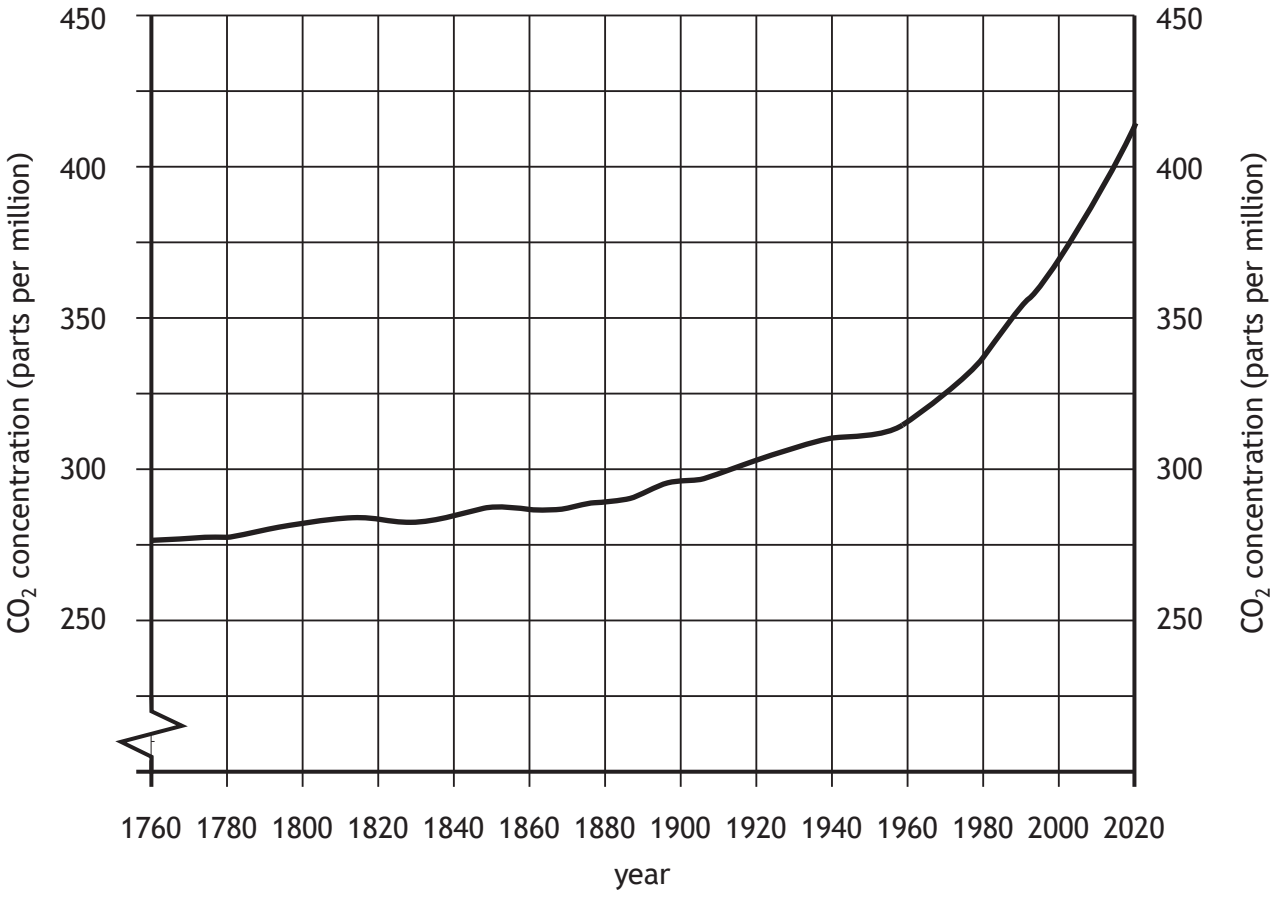
(b) **comment on** the effectiveness of these strategies. **20**

[Turn over

MARKS

Question 3 — Global climate change

Diagram Q3 Global atmospheric CO_2 concentration



Look at Diagram Q3.

(a) **Explain** the human causes of climate change. **8**

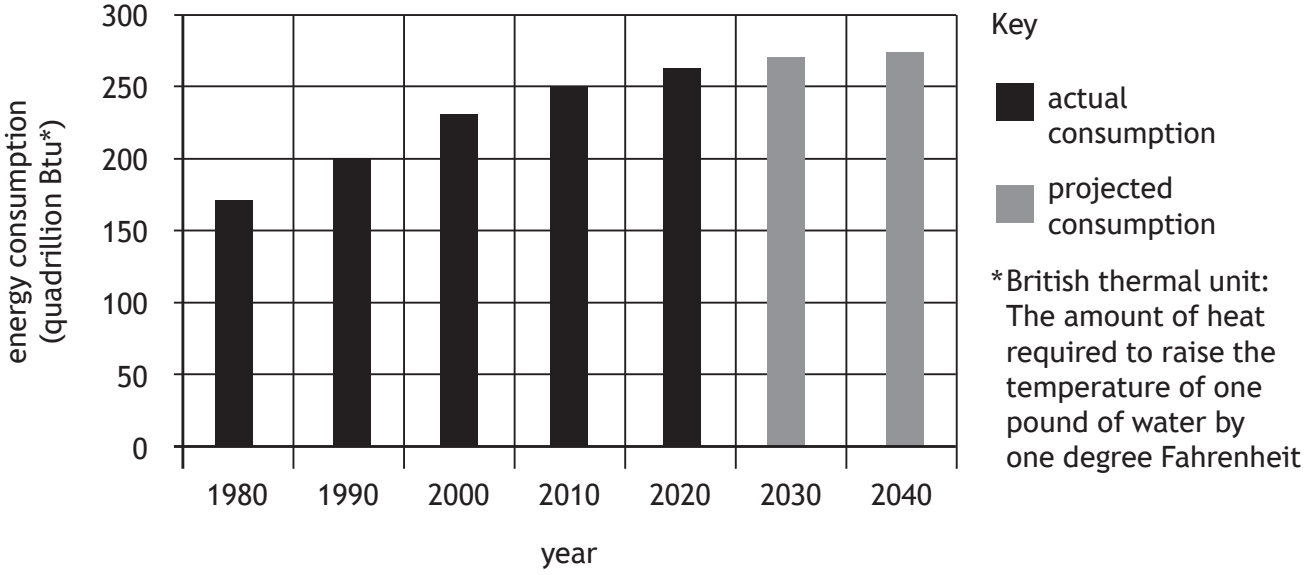
> 'Climate change is no longer some far off problem; it is happening here, it is happening now.'
>
> *Barack Obama, International Conference on the Arctic.*

(b) **Discuss** a range of possible impacts of climate change. You should support your answer with specific examples. **12**

MARKS

Question 4 — Energy

Diagram Q4A Energy consumption in developed countries (1980-2040)



Study Diagram Q4A.

(a) **Suggest reasons** for the changes in energy consumption in developed countries. **8**

Diagram Q4B Photograph of an oil platform in the North Sea

Look at Diagram Q4B.

(b) **Comment** on the effectiveness of oil, or any other non-renewable source of energy you have studied, in meeting the energy demands of a country. **12**

SECTION 2 — APPLICATION OF GEOGRAPHICAL SKILLS — 20 marks

Attempt the question

MARKS

Question 5

Morecambe is a British seaside resort in the north west of England. A new tourist development called 'Eden Project North' has been proposed for Morecambe's seafront, on the site of a disused swimming pool and theatre.

The Eden Project North will feature an interactive education centre and exhibitions focussing on sea life and the marine environment. It is estimated that the project will cost £85 million and will attract 750,000 visitors per year with up to 8,000 per day.

Study the Ordnance Survey map extract of the Morecambe area, Diagram Q5A, Diagram Q5B, Diagram Q5C and Diagram Q5D before answering this question.

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

(a) the suitability of the proposed location (GR 429646) for the Eden Project North **and**

(b) any possible social, economic or environmental impacts this development may have on the surrounding area. **20**

Diagram Q5A Map of proposed development area and surrounding area

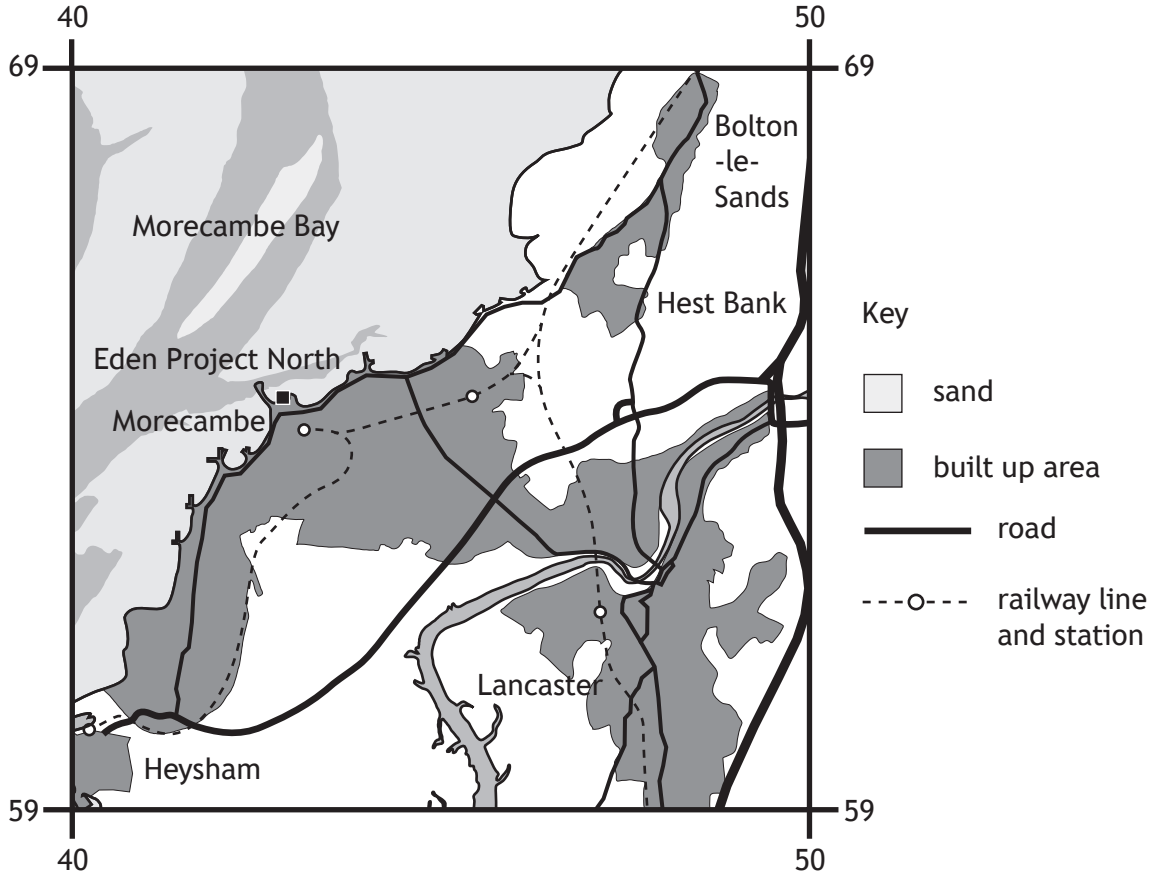


Diagram Q5B Situation of Morecambe

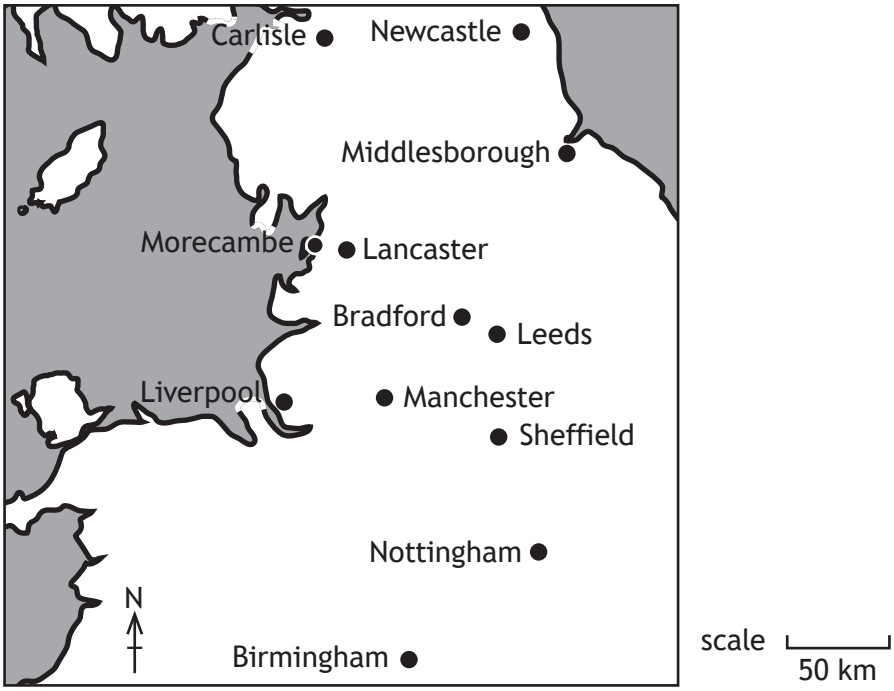


Diagram Q5C Artist's impression of the Eden Project North,showing the five glass seashell-shaped buildings

Diagram Q5D Statistics for the area

Unemployment statistics:

	Morecambe area %	UK %
Unemployment	3.8	2.2
Unemployment (aged 18-24)	7	3.2

Population structure:

	Morecambe area %	UK %
Age 0-14	14.6	18
Age 15-39	30.2	32
Age 40-64	33	32
Age 65+	22.2	18

[END OF QUESTION PAPER]

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