H

National Qualifications 2025

X833/76/12

**Geography
Global Issues and
Geographical Skills**

TUESDAY, 29 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.

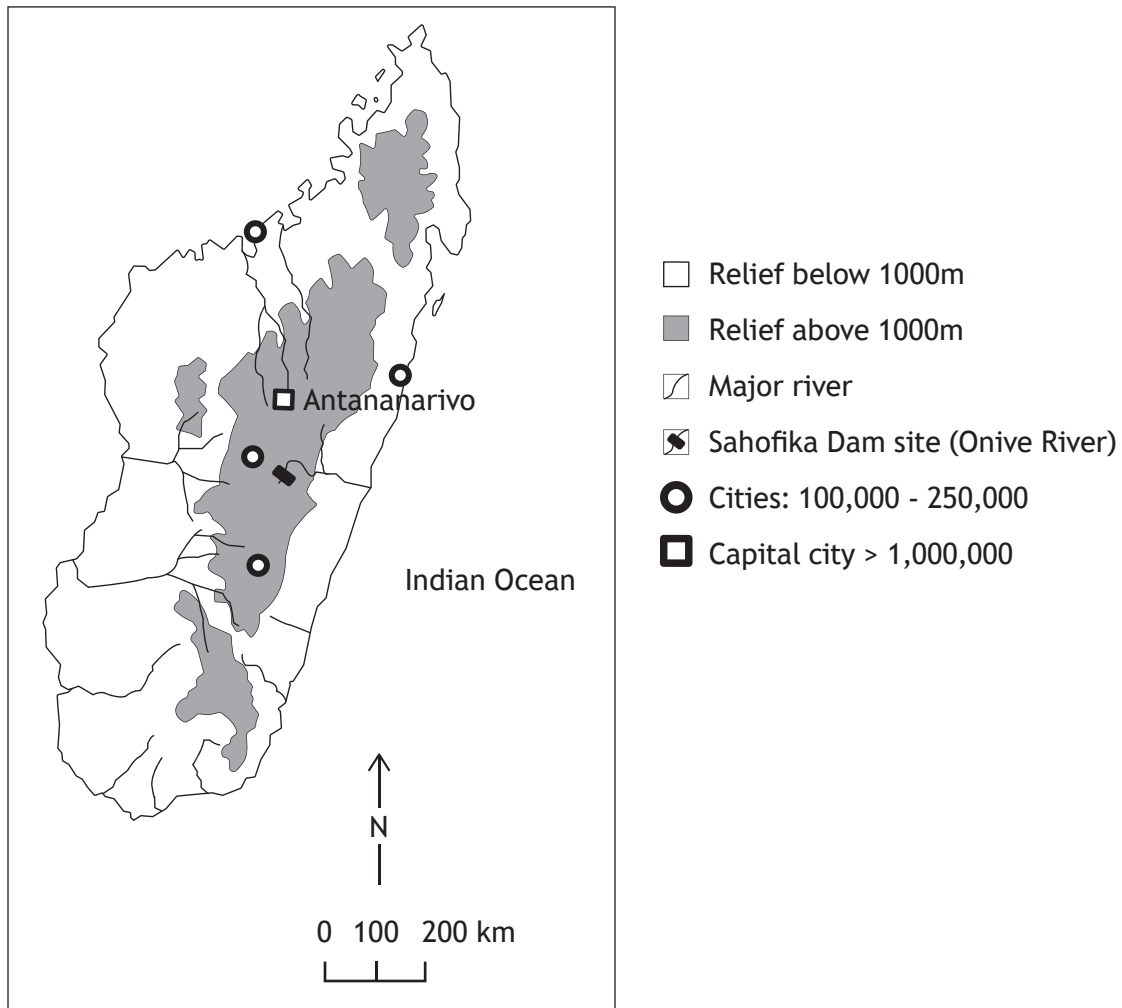## Question 1 — River basin management

Diagram Q1A Map of Madagascar

Relief below 1000m
Relief above 1000m
Major river
Sahofika Dam site (Onive River)
Cities: 100,000 - 250,000
Capital city > 1,000,000

Antananarivo

Indian Ocean

N

0 100 200 km

Diagram Q1B Onive River, average monthly flow, near site of dam
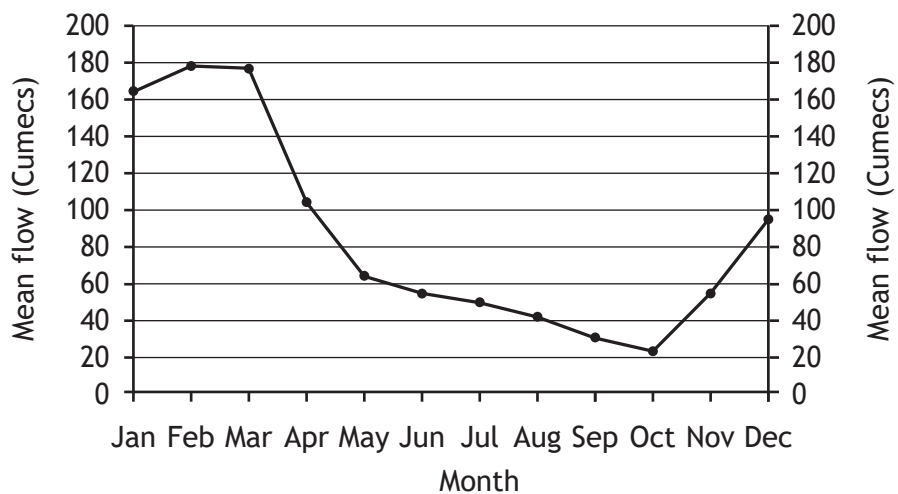
Question 1 (continued)

Diagram Q1C Climate Graph, Antananarivo, Madagascar
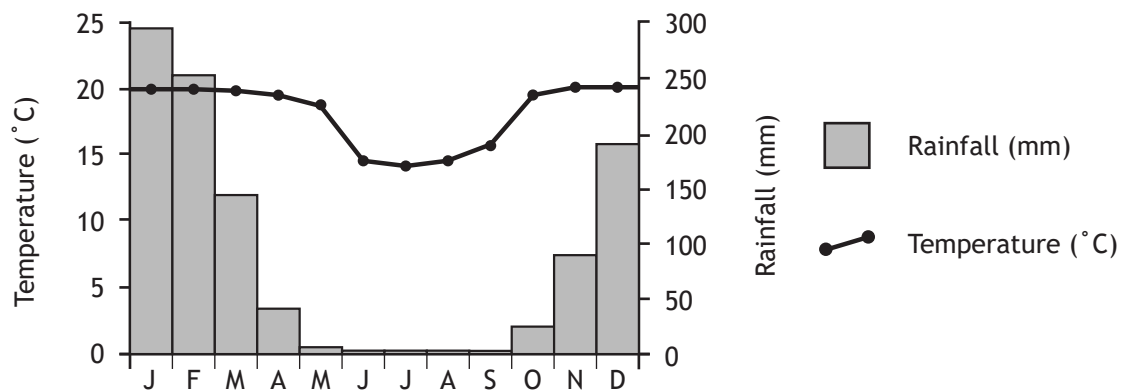
Diagram Q1D Population growth in Madagascar
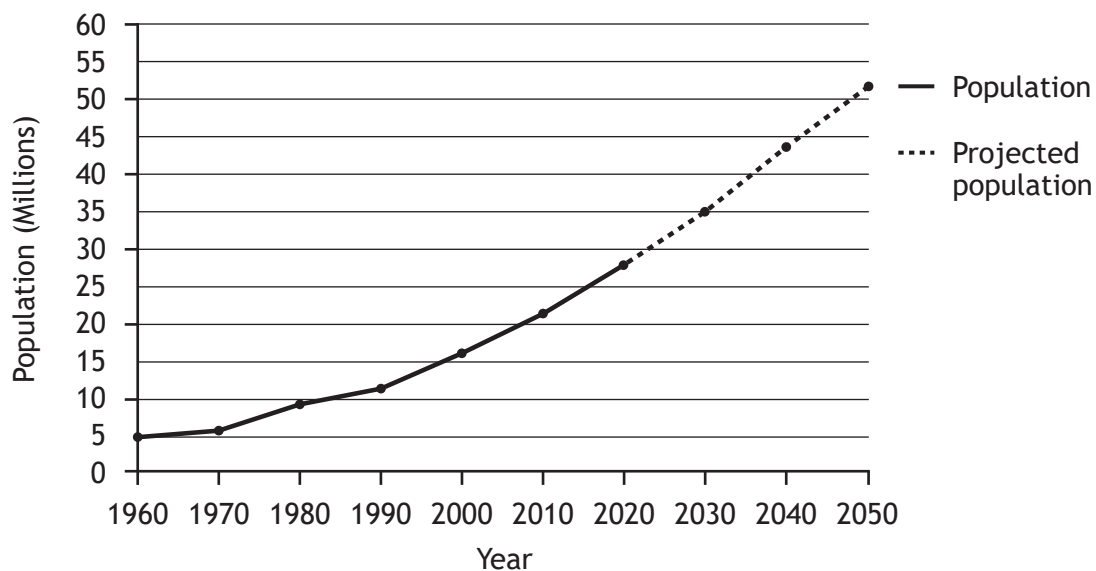
Diagram Q1E Selected statistics, Madagascar

Population with access to improved drinking water	54%
Population with access to improved sanitation	12%
Population with access to electricity	34%
Main industries	Agriculture, forestry, fishing, textiles, mining and tourism.

(a) Study Diagram Q1A, Q1B, Q1C, Q1D and Q1E.

The Sahofika Dam is being constructed on the Onive River in Madagascar.

Explain why there is a need for water management in the Onive River Basin.

10

(b) **Discuss** the **negative** socio-economic and environmental consequences of a named river management project that you have studied.

10

Question 2 — Development and Health

Diagram Q2A Gross National Income (GNI) per capita for selected African countries

Country	GNI per capita (US$)
Central African Republic	869
Uganda	2,241
Algeria	10,978

(a) Look at Diagram Q2A.

Explain why using only **one** development indicator, such as GNI per capita, may fail to accurately reflect the true quality of life within a country.

6

Diagram Q2B Primary Health Care (PHC)

'Extending Primary Health Care interventions in developing countries could save 60 million lives and increase average life expectancy by 3.7 years by 2030.'

World Health Organisation

(b) Look at Diagram Q2B.

Referring to specific primary health care strategies you have studied:

(i) **describe** these strategies **and**

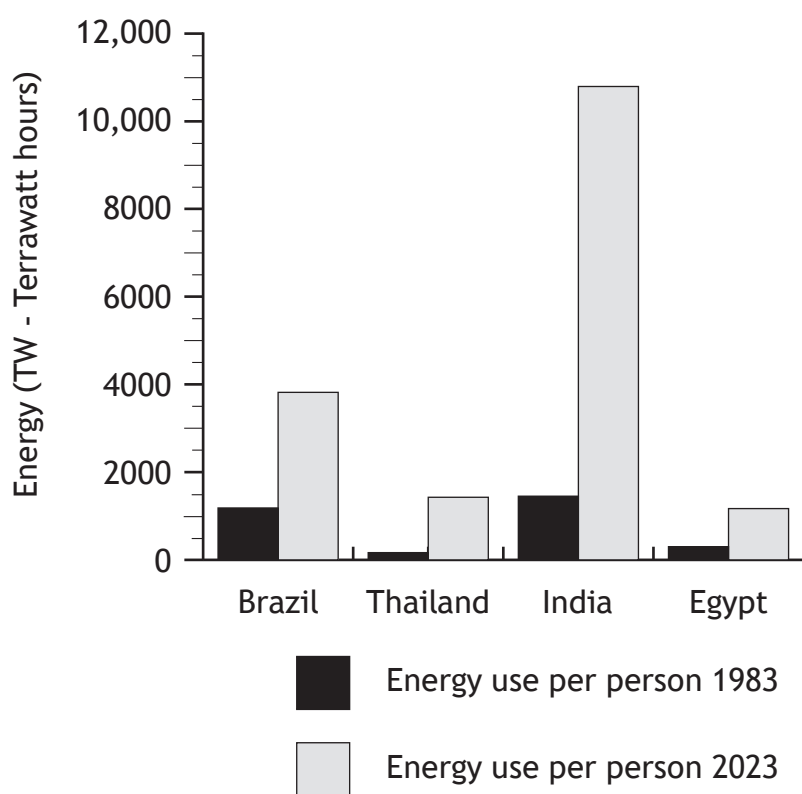(ii) **comment** on the effectiveness of these strategies.

14

Question 3 — Global climate change

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

    (b) **Discuss** a range of possible impacts of climate change.

         You should support your answer with specific examples.   **12**

Question 4 — Energy

Diagram Q4A Energy consumption in selected low and middle income countries
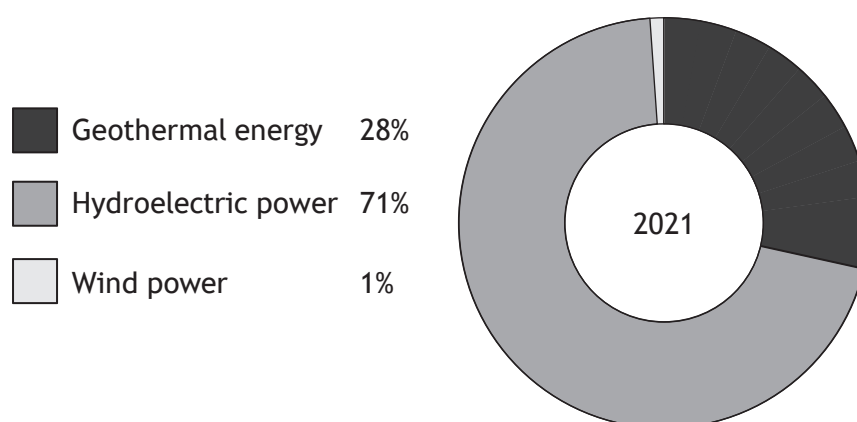

(a) Look at Diagram Q4A.

Suggest reasons for changes in energy consumption in middle and low income countries between 1983 and 2023.

8

Question 4 (continued)

Diagram Q4B Sources of Renewable Energy Production in Iceland 2021

Geothermal energy   28%

Hydroelectric power 71%

Wind power   1%

2021

(b) Look at Diagram Q4B.

Discuss the effectiveness of hydroelectric power (HEP), or any other renewable source of energy you have studied, in meeting energy demands. **12**

You may wish to refer to one or more countries in your answer.

Question 5

Oxford United Football Club is proposing to build a new 16,000 capacity football stadium on a greenfield site to the north of Oxford in an area known as 'The Triangle' in Kidlington.

The proposal includes:

*   a sustainable sports stadium and entertainment venue

*   dedicated community facilities including a club shop, sports bar and restaurant for local people

*   a newly constructed water feature with publicly accessible gardens and wildlife areas next to the stadium

*   a conference centre, 180 bed hotel, health and wellbeing space and retail units

*   access to high quality public transport connections.

Study the Ordnance Survey map extract of the Oxford and Kidlington area and diagrams Q5A, Q5B, Q5C and Q5D before answering this question.

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

(a) the advantages and disadvantages of the site (GR498121) of the proposed stadium development; **and**

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

20

Diagram Q5A Map of proposed development site and surrounding area
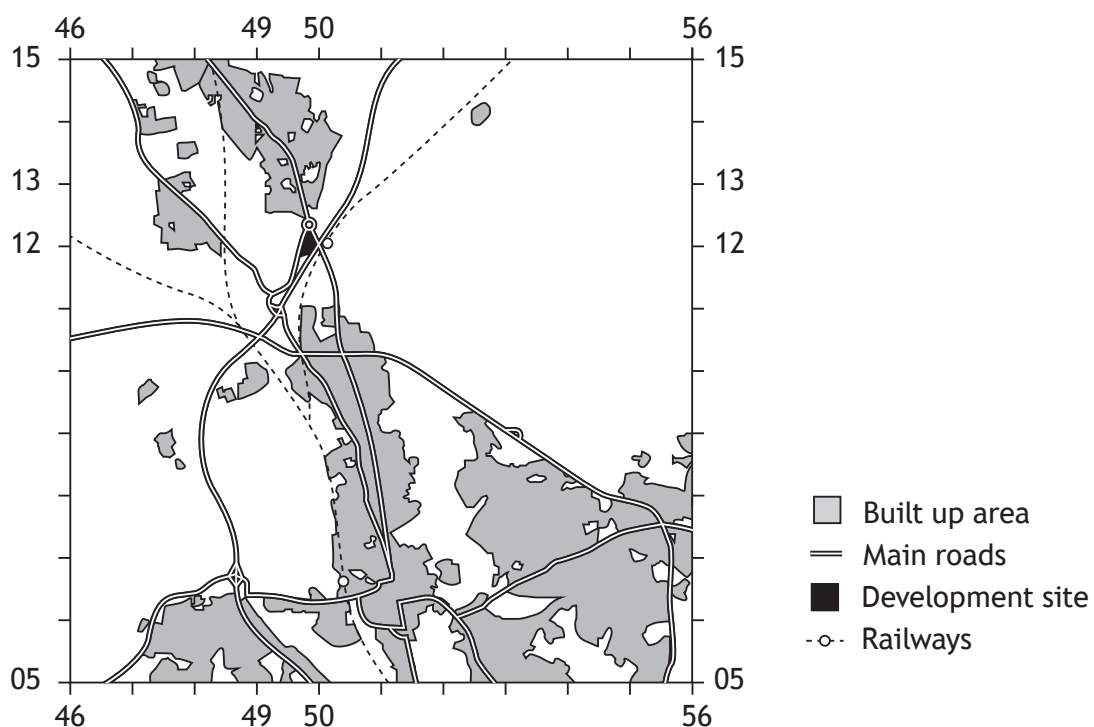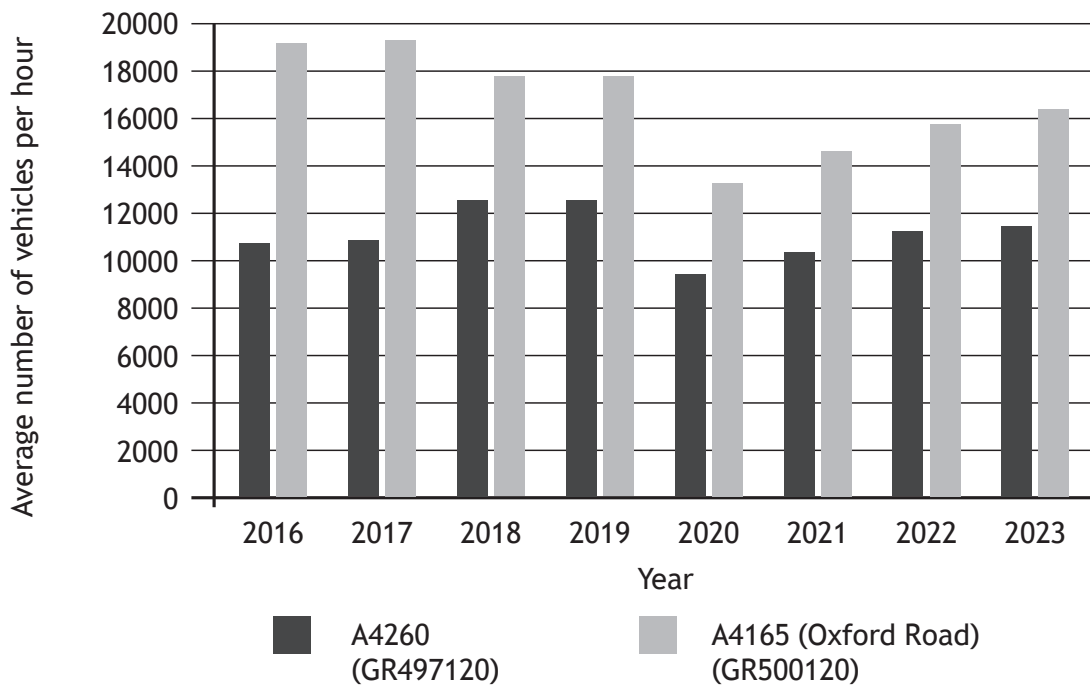
Diagram Q5B Average peak hourly traffic flow

A4260
(GR497120)

A4165 (Oxford Road)
(GR500120)

Diagram Q5C Average attendance rates at current Oxford United stadium

Football season (No data for season 2020-21 due to COVID)
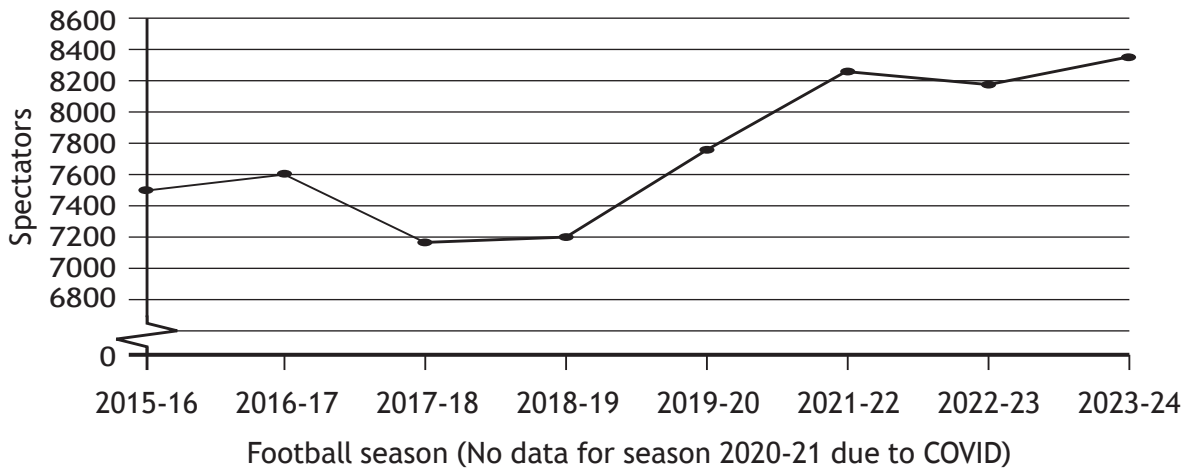
Diagram Q5D Artist's impression of the new development

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