



National  
Qualifications  
2026

**X833/76/11**

**Geography  
Physical and Human  
Environments**

THURSDAY, 23 APRIL

9:00 AM – 10:50 AM

**Total marks — 100**

**SECTION 1 — PHYSICAL ENVIRONMENTS — 50 marks**

Attempt ALL questions.

**SECTION 2 — HUMAN ENVIRONMENTS — 50 marks**

Attempt ALL questions.

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.

You must leave your answer booklet on your desk; if you do not, you could lose all the marks for this paper.



\* X 8 3 3 7 6 1 1 \*



## SECTION 1 — PHYSICAL ENVIRONMENTS — 50 marks

Attempt ALL questions

## Question 1

Diagram Q1 Pyramidal peak



Look at Diagram Q1.

A pyramidal peak is a feature of glacial erosion.

**Explain** the formation of a pyramidal peak.

You may wish to use an annotated diagram or diagrams in your answer.

10

## Question 2

## Diagram Q2 Sand spit



Look at Diagram Q2.

Sand spits are found in areas of coastal deposition.

**Explain** the formation of a sand spit.

8

You may wish to use an annotated diagram or diagrams in your answer.

[Turn over

## Question 3

Diagram Q3 Meander



Look at Diagram Q3.

Meanders are features found in the middle and lower course of rivers.

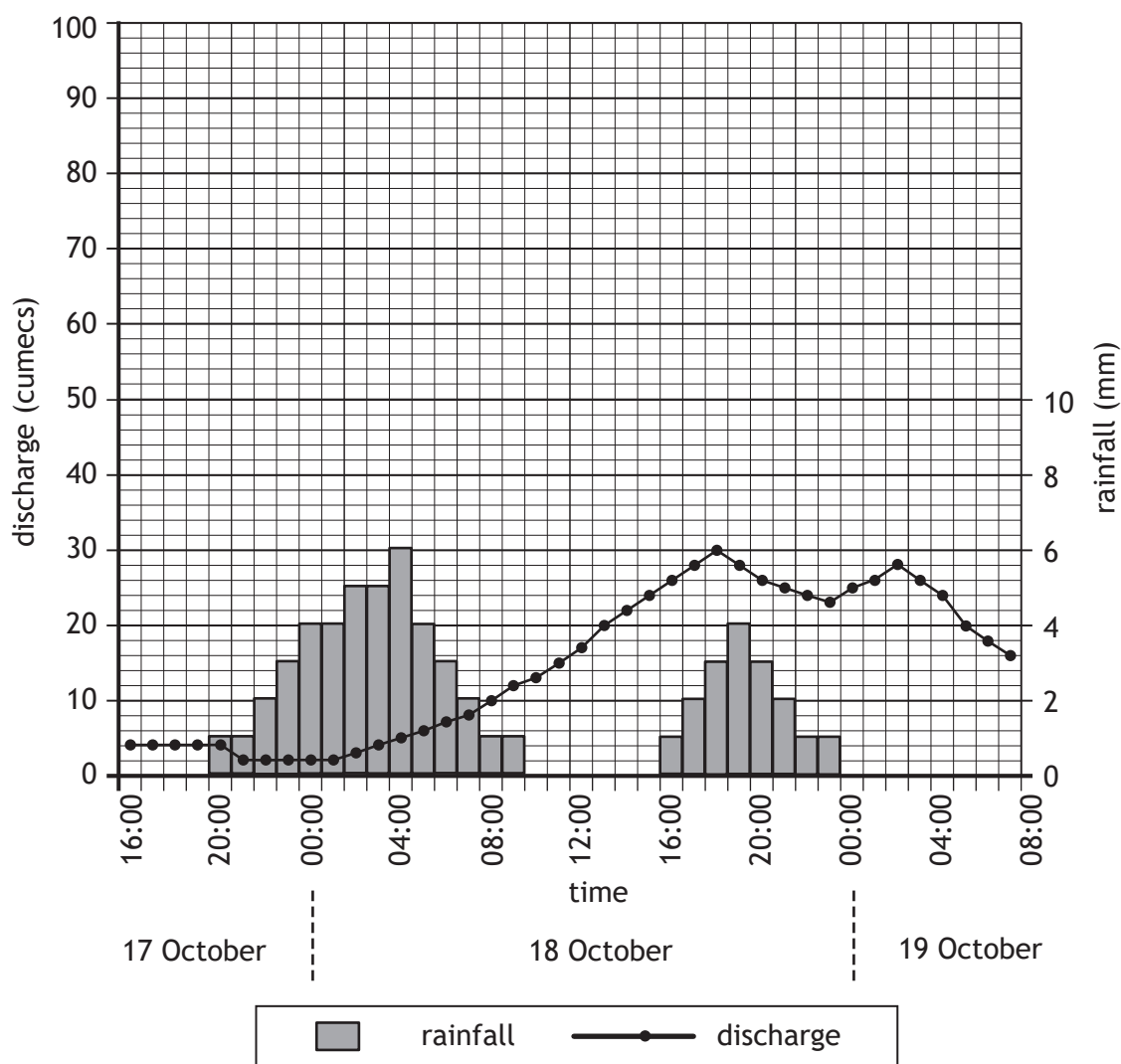
**Explain** the formation of a meander.

You may wish to use an annotated diagram or diagrams in your answer.

8

Question 4

Diagram Q4 Hydrograph for the River Trent, West Midlands, 17–19 October 2023



Study Diagram Q4.

For the River Trent from 17–19 October:

- (a) **describe** the changes in discharge level, and
- (b) **suggest reasons** why these changes may have occurred.

10

[Turn over

## Question 5

Draw a **fully annotated** soil profile of a **gley** soil to show its main characteristics (including horizons, colour, texture and drainage), and associated vegetation.

6

**Question 6**

**Explain** why there is a surplus of solar energy in the tropical latitudes and a deficit of solar energy towards the poles.

**8**

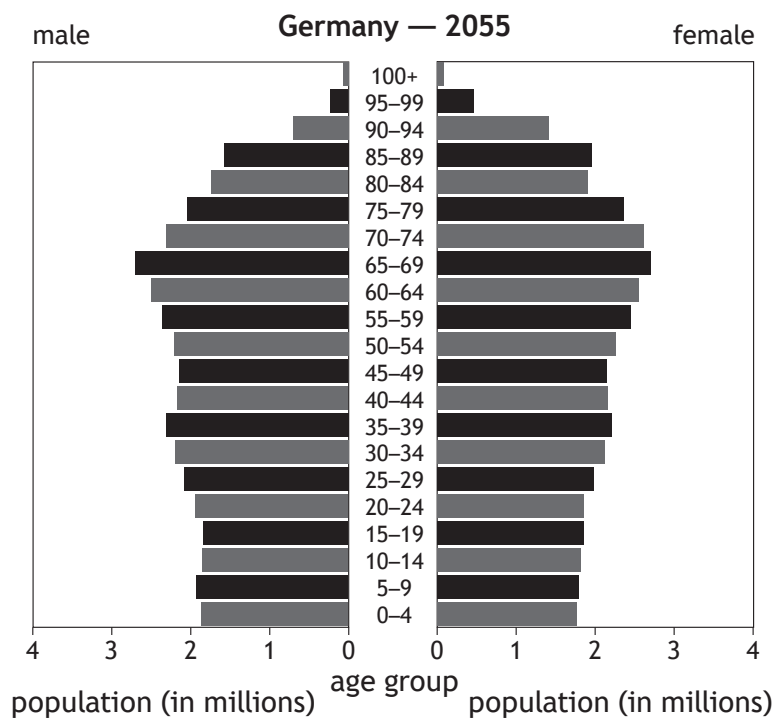
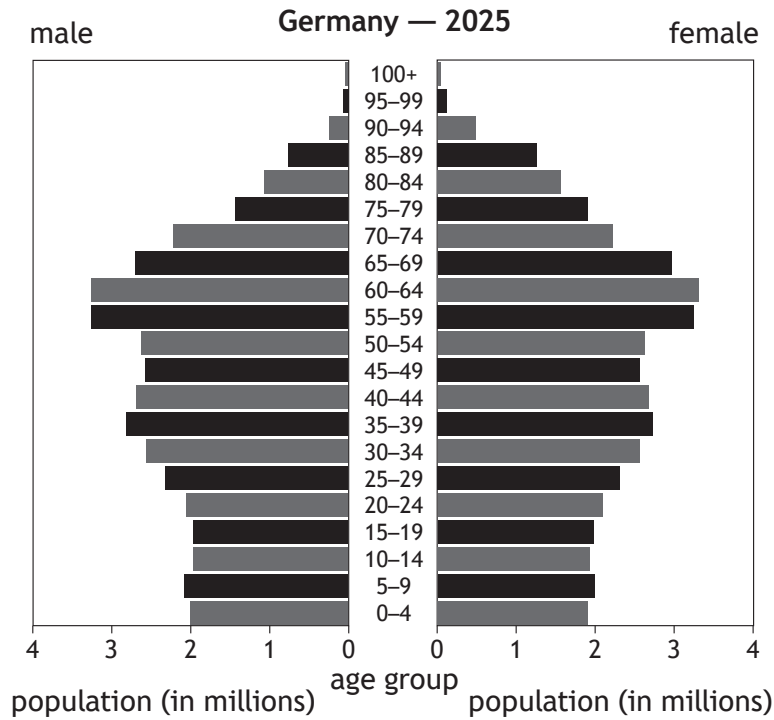
You may wish to use an annotated diagram or diagrams in your answer.

[Turn over

Attempt ALL questions

Question 7

Diagram Q7 Population pyramids for Germany 2025 and 2055 (projected)



Study Diagram Q7.

Germany's population structure is predicted to change by 2055.

Discuss the possible consequences of these changes.

Question 8

Referring to a migration flow you have studied, **explain** the reasons for this migration.

6

[Turn over

## Question 9

Diagram Q9 Manila, Philippines



Look at Diagram Q9.

**Describe** the socio-economic and environmental problems associated with housing in Manila or any other informal housing settlement in a developing world city you have studied.

6

## Question 10

Diagram Q10 Glasgow



Look at Diagram Q10.

Referring to a named developed world city you have studied:

- (a) **describe** the strategies used to improve housing, and
- (b) **comment** on their effectiveness.

10

[Turn over

## Question 11

Referring to either a named rainforest or a semi-arid area you have studied, **describe** the impacts of land degradation on the area.

8

## Question 12

Diagram Q12 Luskentyre Bay, Outer Hebrides



Look at Diagram Q12.

Referring to a named glaciated or coastal area you have studied:

- (a) **describe** the measures taken to manage the land use conflicts which arise between different land users, **and**
- (b) **comment** on their effectiveness.

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