



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.



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.

10

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

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.

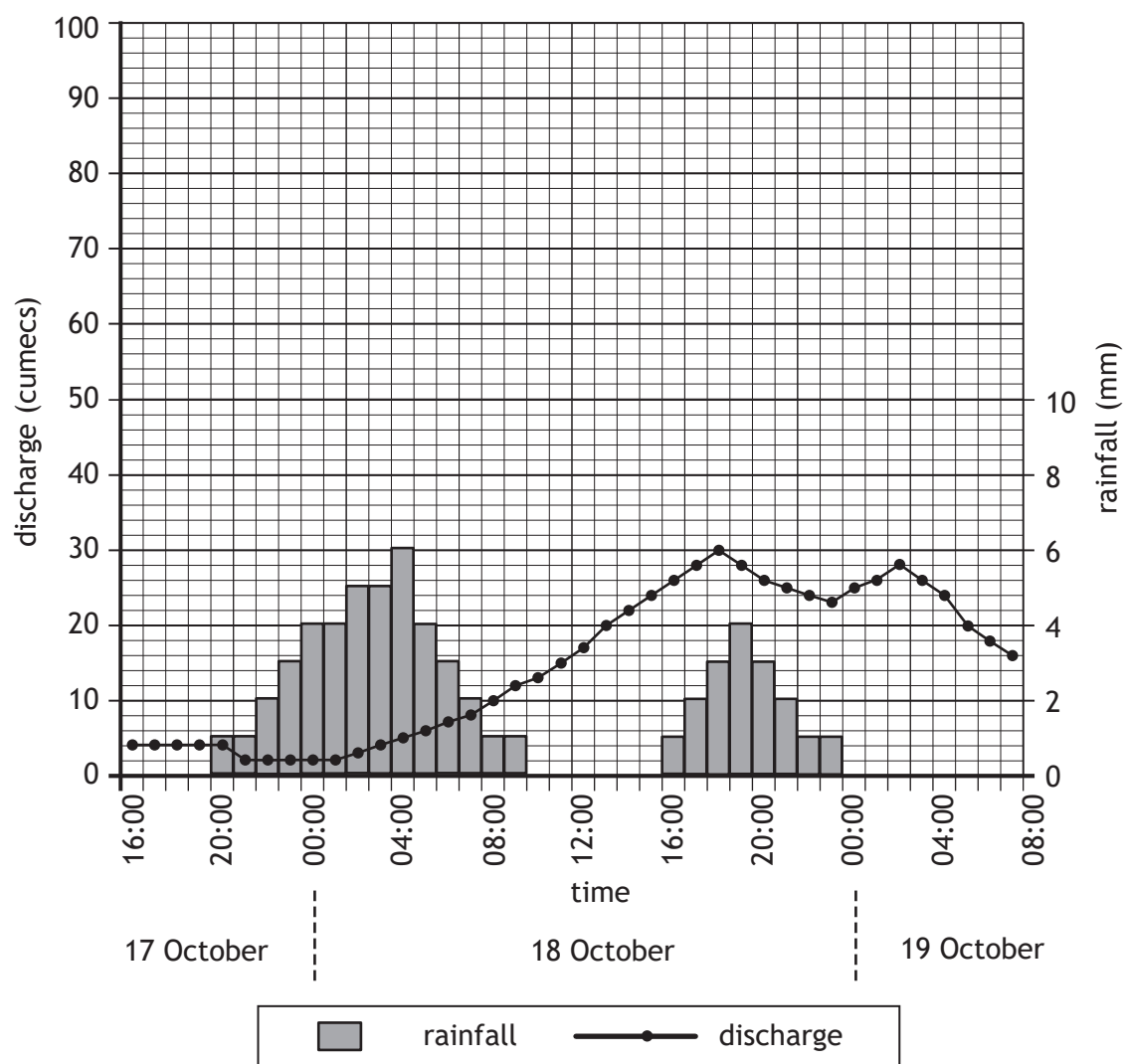
Explain the formation of a meander.

8

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

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:

- describe** the changes in discharge level, and
- 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

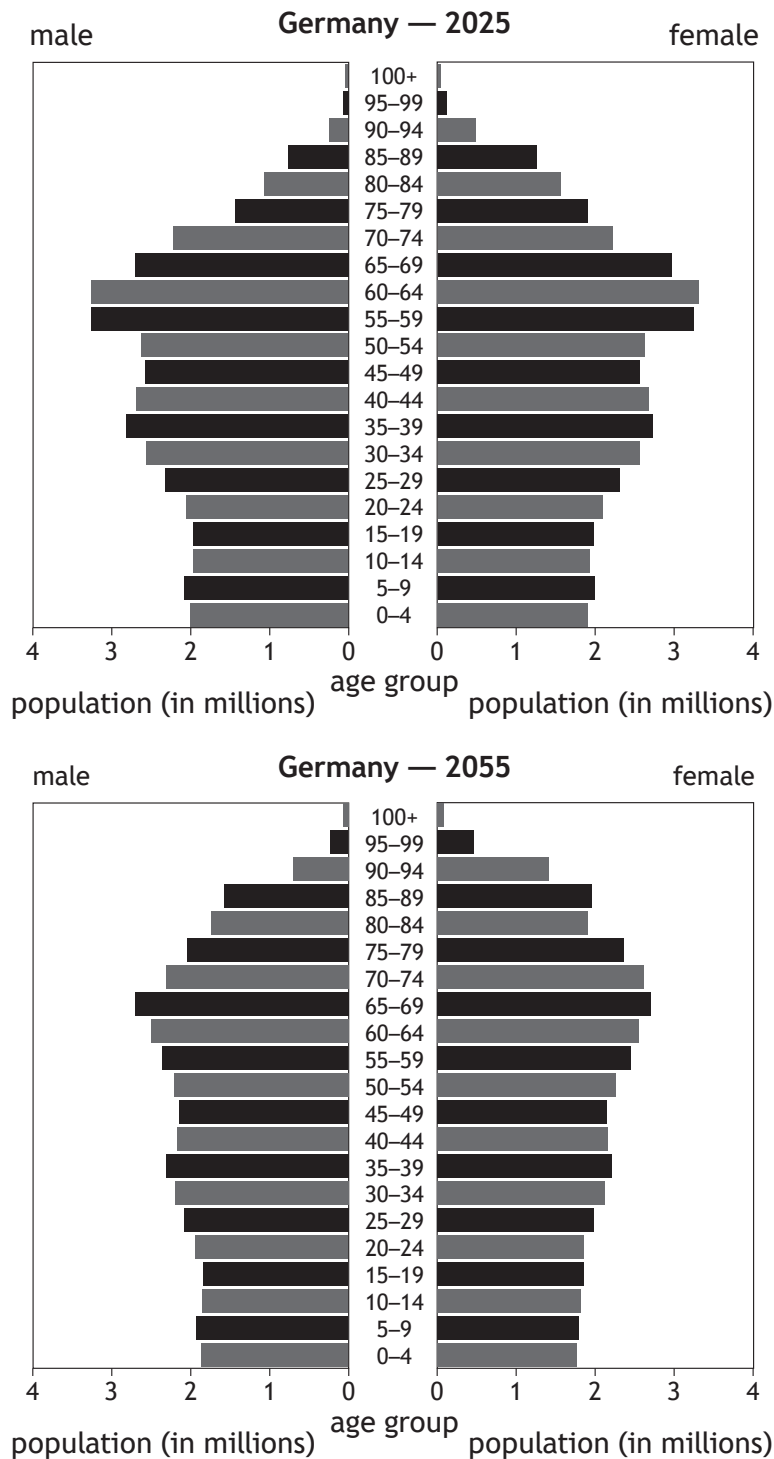
You may wish to use an annotated diagram or diagrams in your answer.

[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.

12

[END OF QUESTION PAPER]

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE

[BLANK PAGE]

DO NOT WRITE ON THIS PAGE

Acknowledgement of copyright

Question 1	Martin Kremer/shutterstock.com
Question 2	Mati Kose/shutterstock.com
Question 3	Vedrich/shutterstock.com
Question 9	Sascha Burkard/shutterstock.com
Question 10	Richard Johnson/shutterstock.com
Question 12	Alan Morris/shutterstock.com