

WARNING

You must return this paper with your answerbook, otherwise marks will be lost.

Write your Examination Number here



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2007

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 - FOLDER

MONDAY, 11 JUNE - AFTERNOON, 1.30 to 3.30

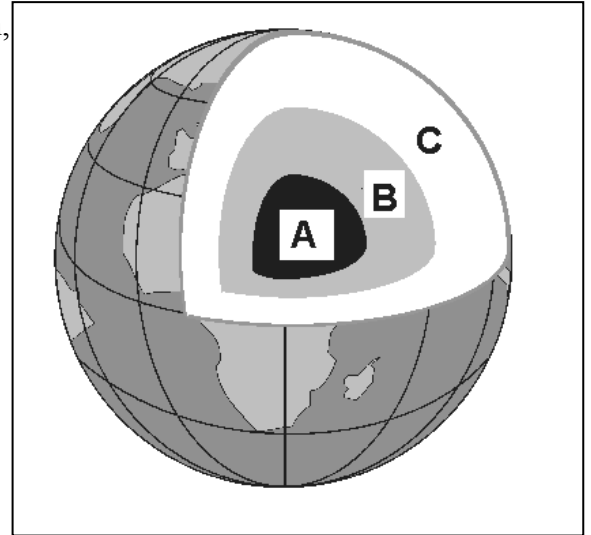
N.B. SECTION 2 OF THIS PAPER IS SUPPLIED SEPARATELY.

SECTION 1 (60 MARKS)
ALL questions to be answered.
 You have an *either/or* choice **WITHIN 4 questions**.
 Be sure to return this folder with your answerbook.
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1. Shaping the Earth – The Earth’s Crust

Put the letters **A, B** and **C** in the correct boxes to identify the different parts of the earth, shown in the diagram.

- Mantle
- Core
- Crust

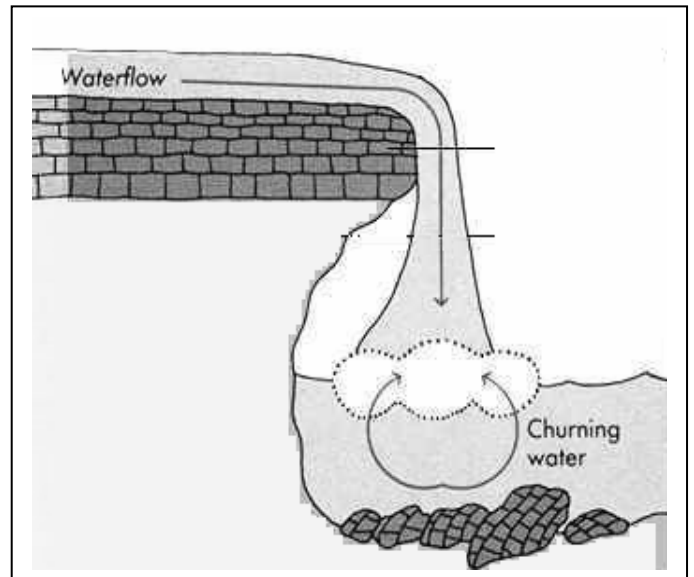


2. Surface Features

Correctly identify the feature shown in this diagram.

- A cave
- A wave cut platform
- A waterfall
- A stack

[tick ✓ the correct box]



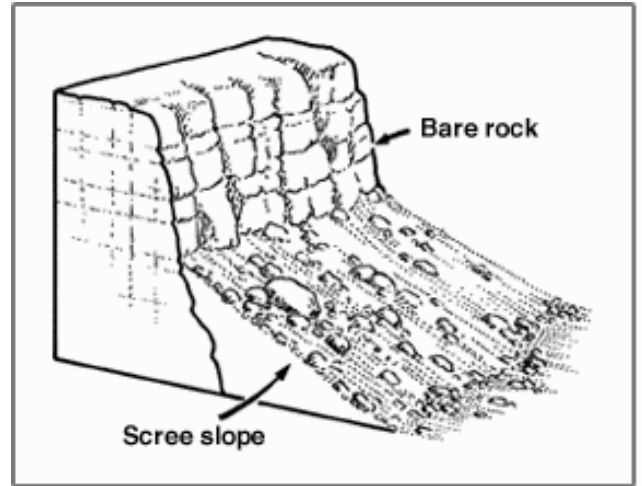
3. Weathering

This diagram shows an example of

Chemical weathering

Mechanical weathering

[tick ✓ the correct box]



4. Volcanoes

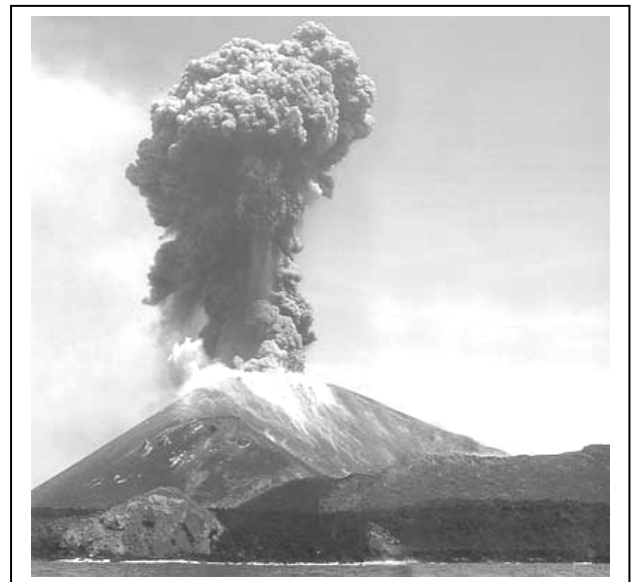
This photo shows a volcanic eruption.
The material that **flows** from the volcano
is called:

Lava

Scree

Moraine

[tick ✓ the correct box]



5. **Rocks**

This diagram shows Basalt Columns at the Giant's Causeway in County Antrim.
What type of rock is Basalt?

Sedimentary

Igneous

Metamorphic

[tick ✓ the correct box]



6. **Our Globe**

Study this diagram. The lines running **East to West** on the globe are known as:

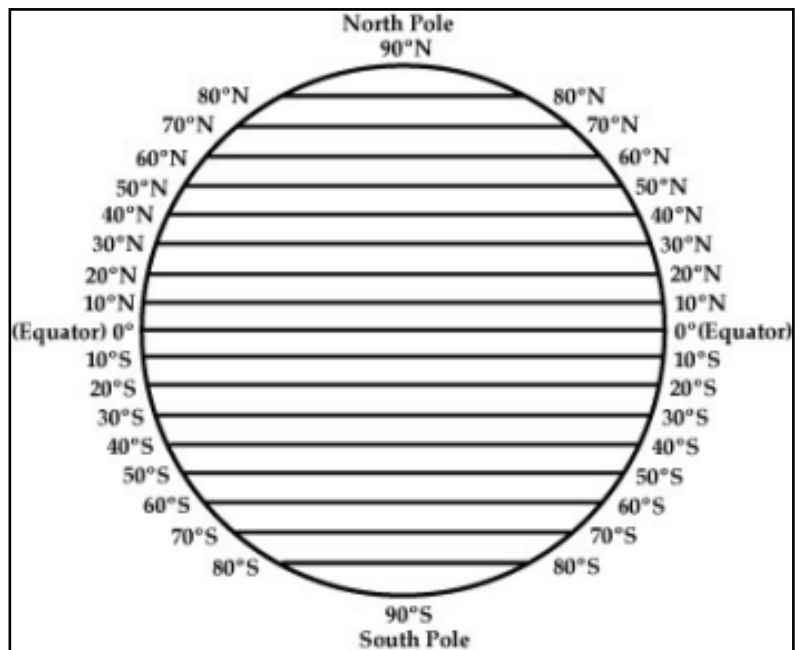
Lines of Latitude

Contour lines

Lines of Longitude

Isobars

[tick ✓ the correct box]

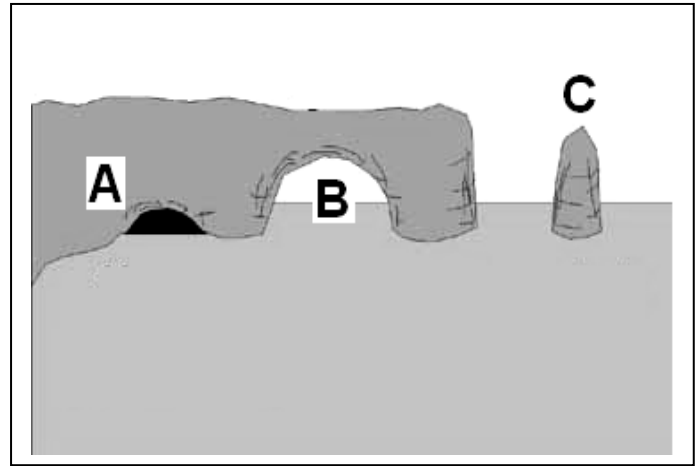


7. Answer **EITHER 7A OR 7B**

7A Coastal Features

Put the letters **A**, **B** and **C** in the correct boxes to identify the features of coastal erosion, shown in the diagram:

- An arch
- A cave
- A stack



OR

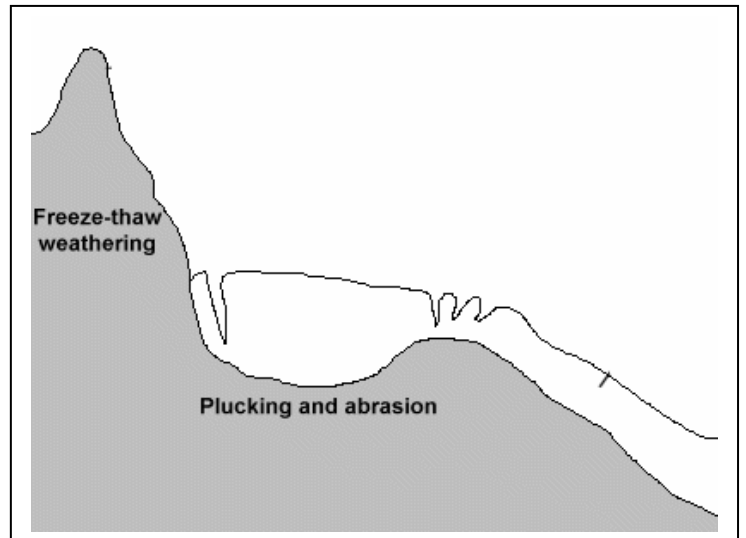
7B Glaciation

The feature shown in the diagram is formed by glacial erosion.

It is called:

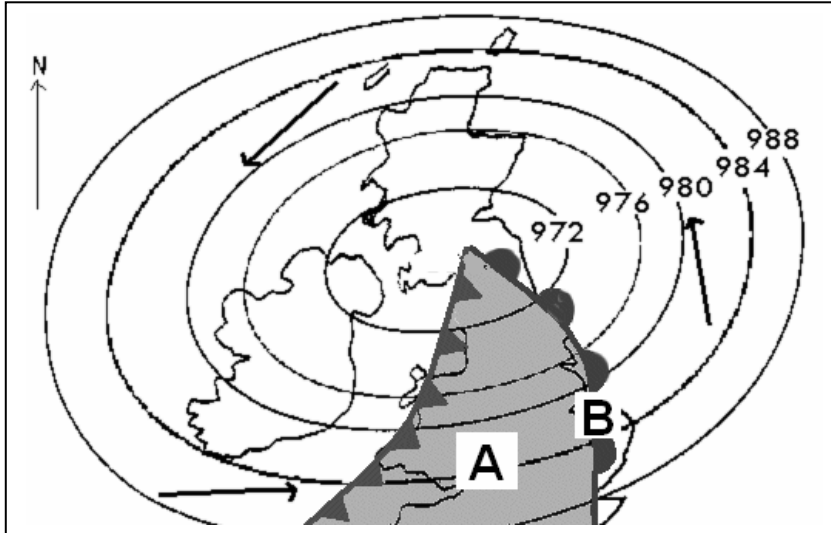
- An Esker
- A Ribbon Lake
- A Corrie or Cirque
- A Drumlin

[tick ✓ the correct box]



8. Answer EITHER 8A OR 8B

8A Weather map



This weather map shows a depression over Ireland and Britain. The pressure of the isobar labelled A is:

976 hPa

980 hPa

984 hPa

[tick ✓ the correct box]

OR

8B Weather map

Study the weather map above. The line [] marked B represents:

The warm front

The cold front

Contours

[tick ✓ the correct box]

9. Answer **EITHER 9A OR 9B**

9A Direction

If you travelled from Letterkenny to Dublin, in which **direction** would you be travelling?

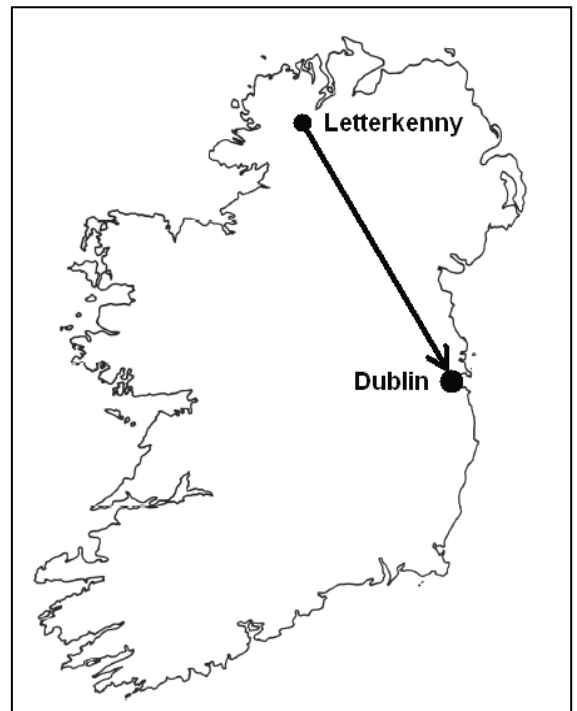
From North-West to South-West

From North-West to South-East

From North-East to South-East

From North to South

[tick ✓ the correct box]



OR

9B The Ulster Plantation



The **Ulster Plantation** is an example of:

Individual migration

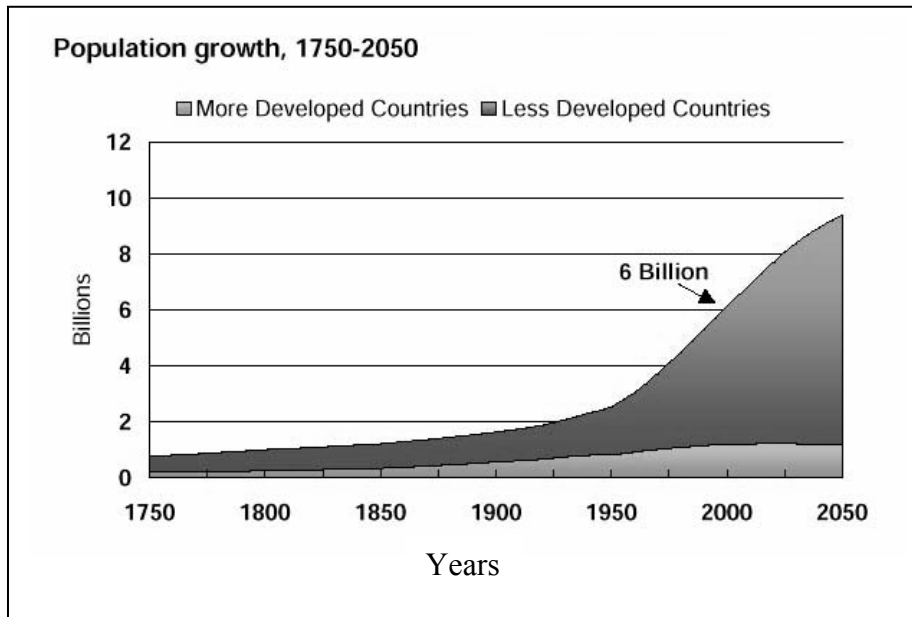
Organised migration

[tick ✓ the correct box]

10. Answer EITHER 10A OR 10B

10A Population growth

Study the graph below.



Since 1950 the population of the world has been:

- Increasing quickly
- Decreasing quickly
- Increasing slowly
- Remaining the same

[tick ✓ the correct box]

OR

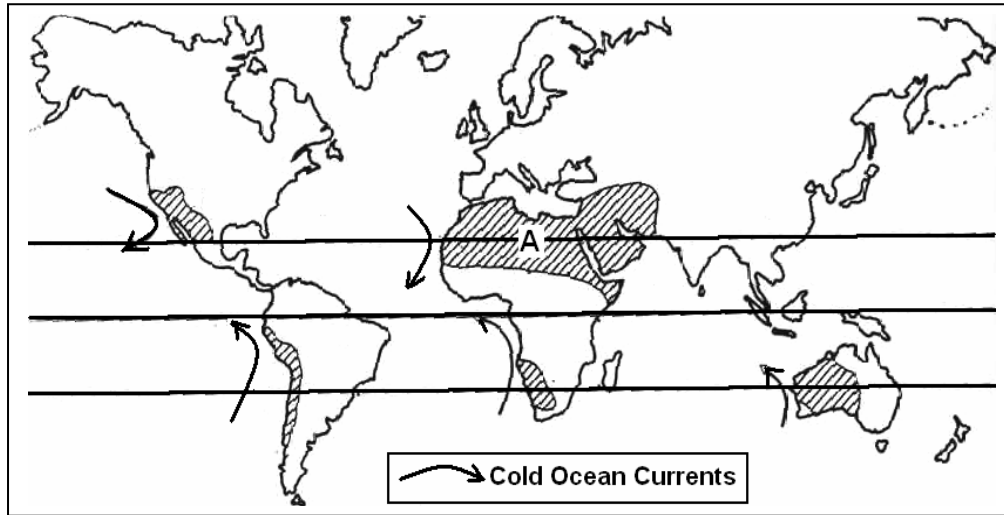
10B Population density

Population density is:

- The total number of people in a country
- The average number of people per square kilometre
- The way population is spread out
- The movement of people from one area to another

[tick ✓ the correct box]

11. Climate Types



The climate type marked **A**, (the shaded area)  on the map above is:

Cool Temperate Oceanic Climate

Mediterranean Climate

Boreal Climate

Hot Desert Climate

[tick ✓ the correct box]

12. Function

The main present day **function** of Rotterdam at the mouth of the River Rhine is:

Defence

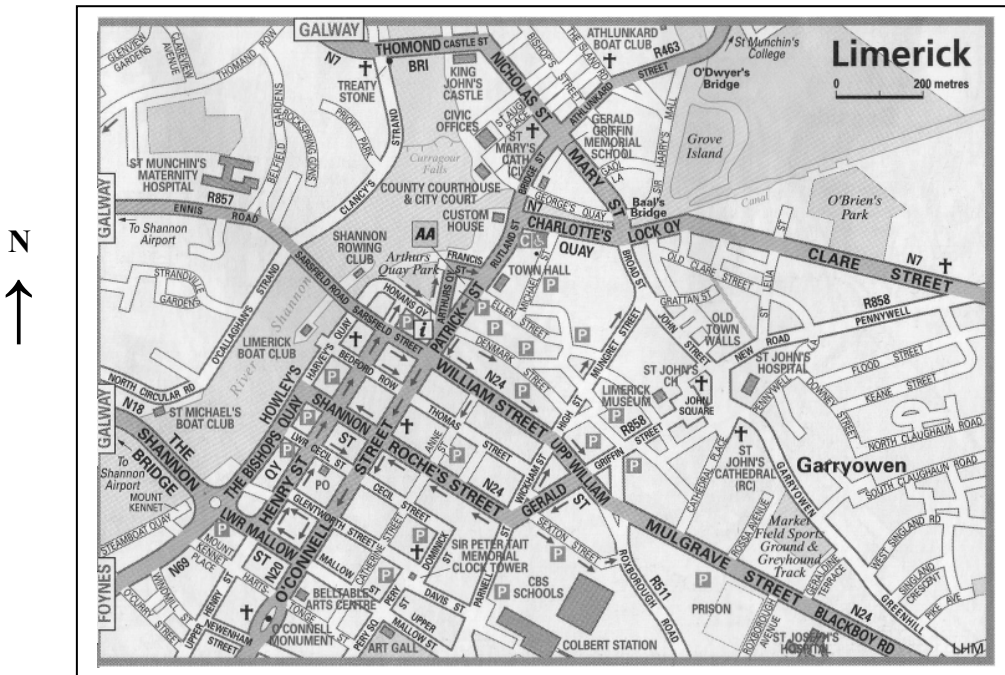
Port

Religious / Ecclesiastical

[tick ✓ the correct box]

13. Street map locations

This map shows Limerick City



Look at the map above and then circle the correct answer in **each** of the statements below.

In the **north** of the area, *King John's Castle / Garryowen Castle* shows Limerick had a defensive function in the past.

An example of a recreational function in the **north-east** of the area is *O'Brien's Park / Limerick Boat Club*.

At the **southern** edge of the map *Thomond / Colbert Station* is evidence of a transport function.

14. **Urban Geography**

This photo was taken on a traffic monitoring camera. Note the time, 18:35 (6.35pm).
Is the traffic on the left of the dual carriageway:

Leaving the city

Entering the city

[tick ✓ the correct box]



15. **Economic Activities**

Which of the following statements is **TRUE**?

Water is a non-renewable resource

Salmon are a renewable resource

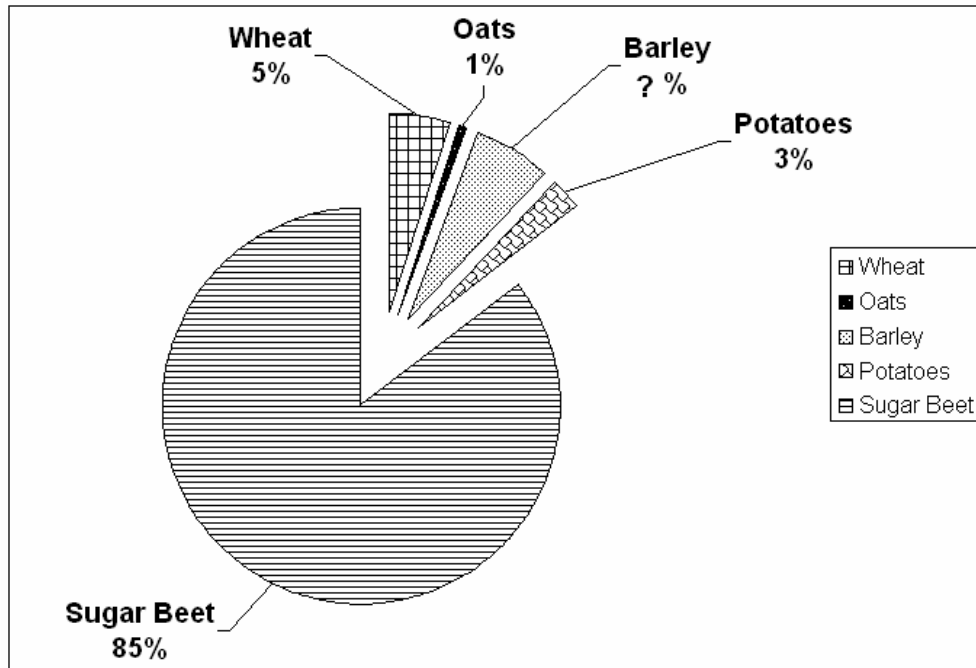
Peat is a renewable resource

Oil is a renewable resource

[tick ✓ the correct box]

16. Statistical Diagrams

This pie chart shows the percentages for five crops in Ireland in 2005.



Source: Adapted from "Area, Yield and Production of Selected Crops 2005" www.cso.ie

What was the percentage of barley in Ireland in 2005?

36%

13%

10%

6%

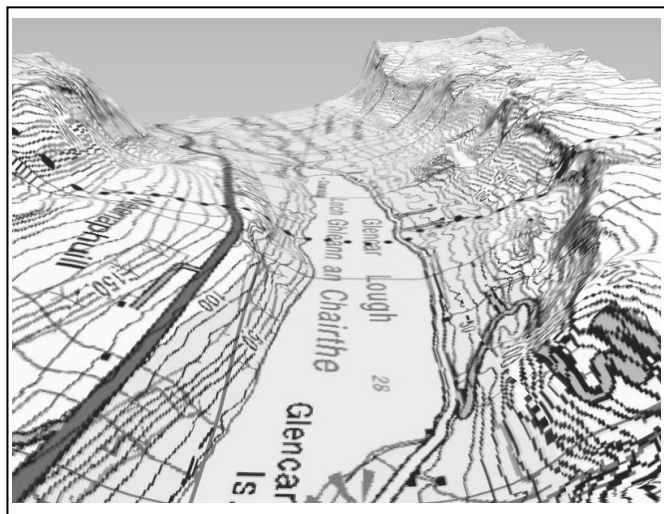
[tick ✓ the correct box]

17. **Ordnance Survey Studies**

Look carefully at the 3D image of part of an Ordnance Survey map. On this image and on all O. S. maps there are **lines** showing **height**. What are these lines called?

- Contours
- Isohyets
- Isobars
- Grid lines

[tick ✓ the correct box]



18. **Grid References**

Look at the Ordnance Survey Map supplied with this paper.
The Historic feature at grid reference **O 137 748** is:

- A Graveyard
- A Mound
- A Castle
- A Holy Well

[tick ✓ the correct box]

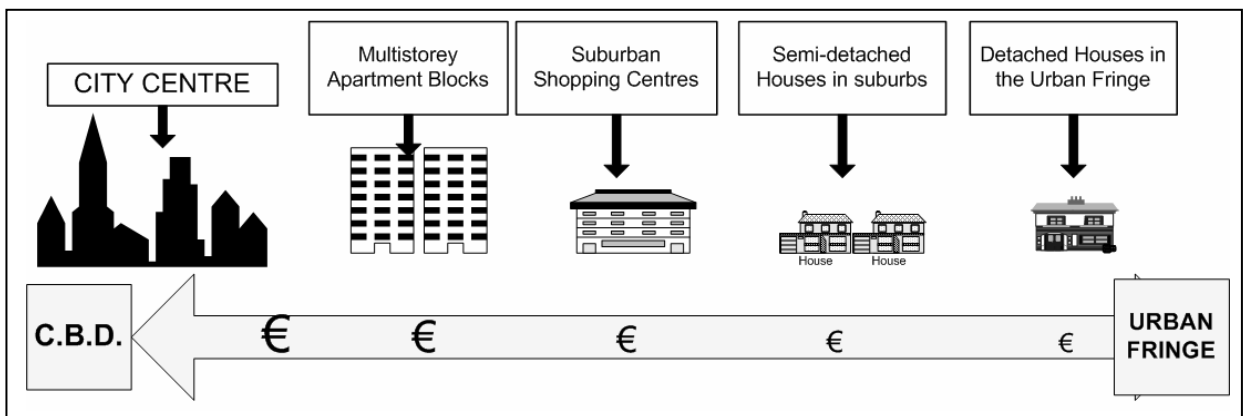
19. **The Developing World**

Which of the following is a commodity most likely to be exported **from** the developing world **to** the developed world?

- Coffee beans
- Computers
- Military equipment
- Mobile phones

[tick ✓ the correct box]

20. **Land Values in Cities**



What does this diagram say about land values?

- Land values decrease towards the city centre
- Land values increase towards the city centre
- There is no change in land values towards the city centre.

[tick ✓ the correct box]

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