

WARNING

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

Write your Examination Number here:



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2010

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 – FOLDER

FRIDAY, 11 JUNE - MORNING, 9.30 to 11.30

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

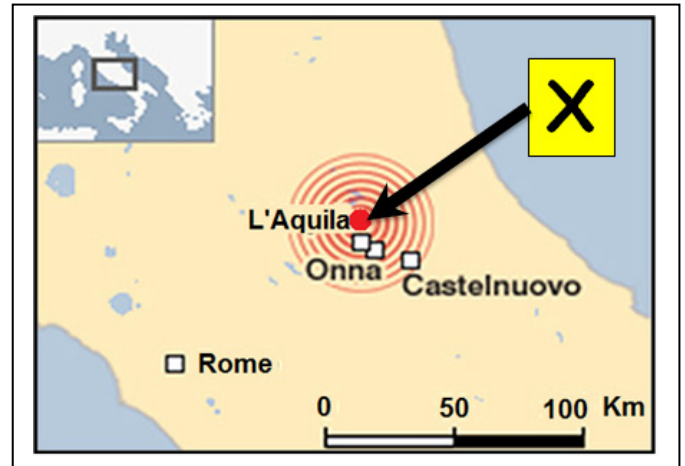
SECTION 1 (60 MARKS)
ALL questions to be answered.
 You have an *either/or* choice **WITHIN 4** questions.
 Be sure to return this folder with your answer book.
 Otherwise, marks will be lost.

1. EARTHQUAKES

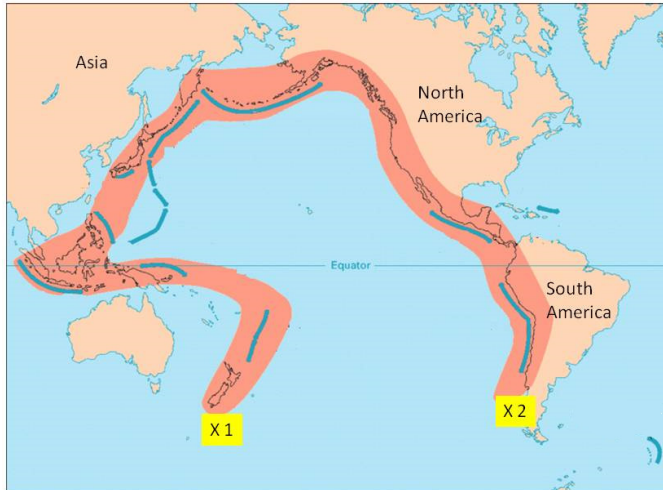
The point on the earth's surface directly above the focus of the earthquake, shown at X, is called the:


- Epicentre
- Seismograph
- Shock wave

[tick ✓ the correct box]



2. SHAPING THE EARTH'S CRUST – VOLCANOES



The shaded area  shown on this map, from X1 to X2, is called:

- the Mid-Atlantic Ridge
- the Pacific ring of fire
- a lava flow
- a cold region

[tick ✓ the correct box]

3. THE EARTH FROM SPACE



(Source: www.triplespark.net/render/img/earth)

Look at this image of the Earth from space.
The continent marked X is:

- South America
- Asia
- Africa
- Australia

[tick ✓ the correct box]

OVER →

4. WEATHERING

The loose rock shown in this photograph is called scree. It is caused by:

Mechanical weathering

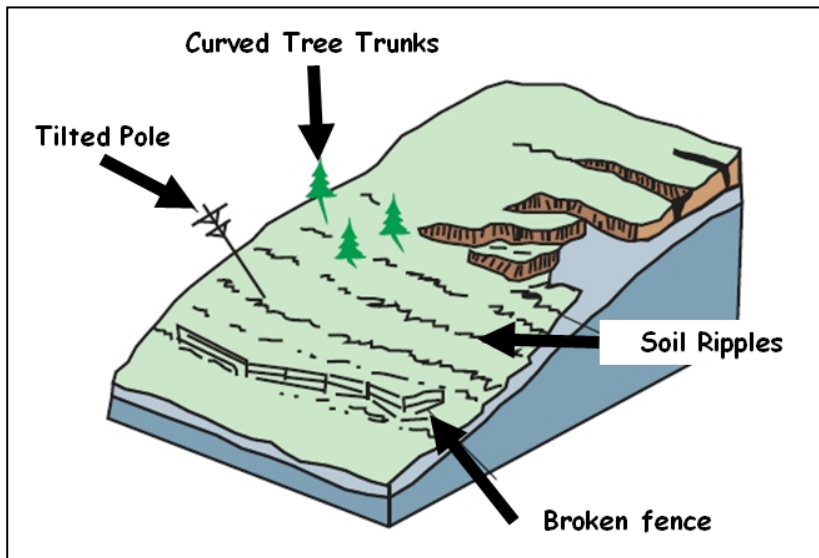
River deposition

Chemical weathering

[tick ✓ the correct box]



5. MASS MOVEMENT



The type of mass movement shown in the diagram above is:

A landslide

An avalanche

Soil creep

A mudslide

[tick ✓ the correct box]

6. ROCKS

There are Basalt columns at the Giant’s Causeway in County Antrim.
What type of rock is Basalt?

Sedimentary

Metamorphic

Igneous

[tick ✓ the correct box]

7. RIVER FEATURES



The feature marked X in this photograph shows a river feature.
It is called:

A delta

An ox-bow lake

A waterfall

[tick ✓ the correct box]

OVER →

8. Answer EITHER 8A OR 8B

8A. COASTAL FEATURES

The feature marked X in this photograph shows a feature of coastal deposition. It is called a:

Sea stack

Delta

Tombolo

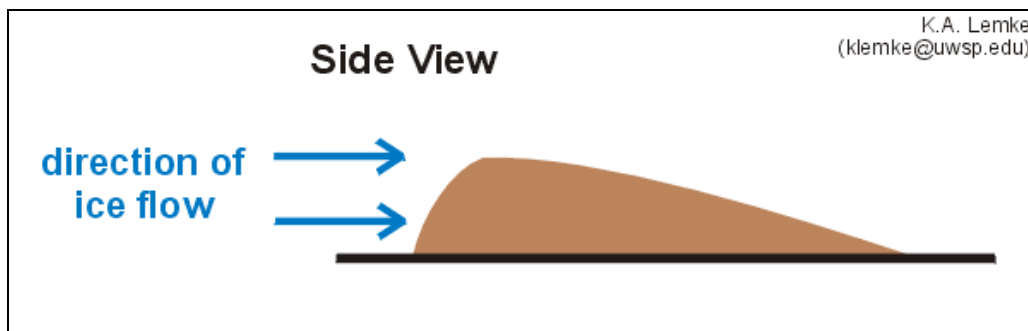
[tick ✓ the correct box]



OR

8B. GLACIATION

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



It is called:

A drumlin

An outwash plain

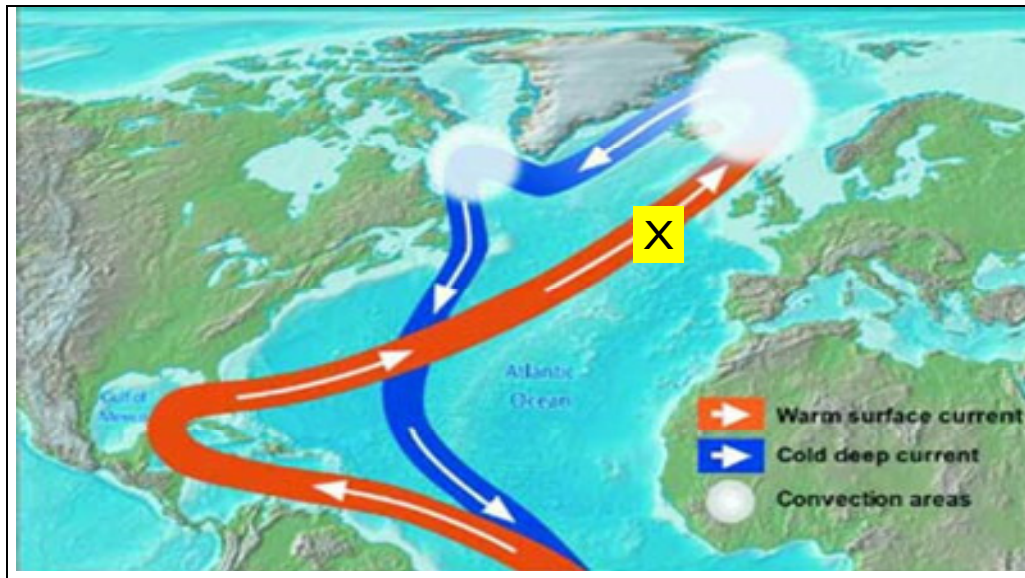
A corrie (cirque)

[tick ✓ the correct box]

9. Answer EITHER 9A OR 9B

9A. OCEAN CURRENTS

The Ocean Current marked X has an effect on Ireland's weather.



It is called the:

- North Atlantic Drift
- Canaries Current
- North Equatorial Current
- Labrador Current

[tick ✓ the correct box]

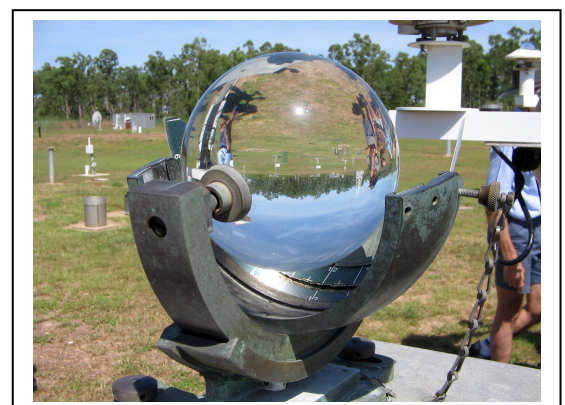
OR

9B. WEATHER STATION

The weather instrument shown in this photograph measures sunshine. It is called:

- An Anemometer
- A Stevenson screen
- A Wind vane
- A Campbell-Stokes recorder

[tick ✓ the correct box]



OVER →

10. Answer EITHER 10A OR 10B

10A. DIRECTION

If you travelled from Belfast to Limerick, in which **direction** would you be travelling?

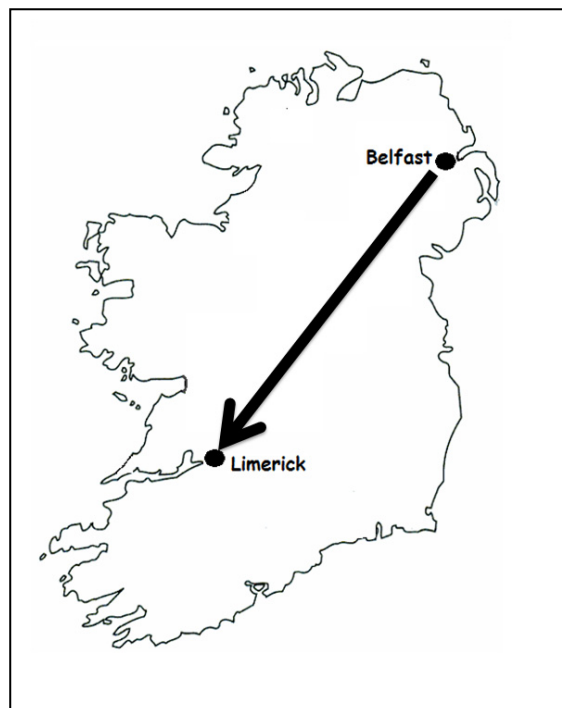
From North-West to South-West

From North-West to South-East

From North-East to South-West

From North to South

[tick ✓ the correct box]



OR

10B. ECONOMIC ACTIVITIES

Killybegs is best known as the location for:

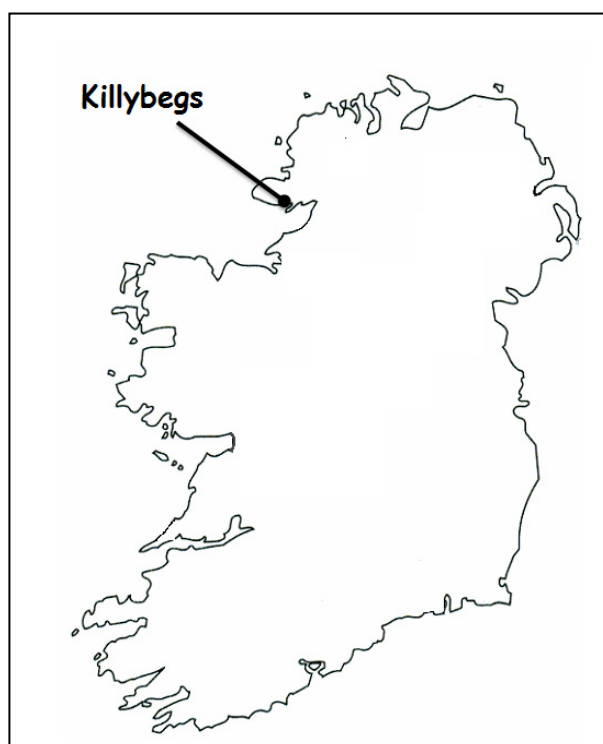
A tourist resort

A fishing port

A large chemical factory

A peat-burning power station

[tick ✓ the correct box]



11. Answer EITHER 11A OR 11B

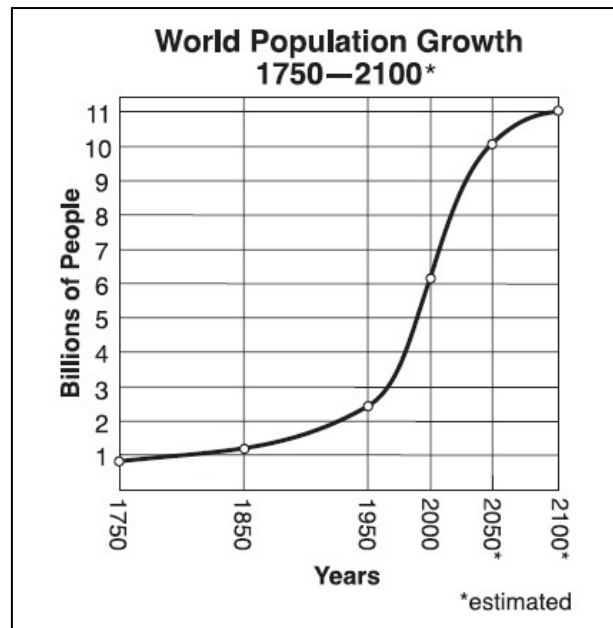
11A. POPULATION GROWTH

Study the graph.

The estimated population of the world in 2050 will be:

- 2 billion people
- 10 billion people
- 11 billion people
- 6 billion people

[tick ✓ the correct box]



(Source: Adapted from United Nations)

OR

11B. NATURAL VEGETATION AND CLIMATE

In which climate region / area would you expect to find the type of vegetation shown in the photograph?

- Equatorial rain forest
- Mediterranean
- Hot desert
- Coniferous forest

[tick ✓ the correct box]



OVER →

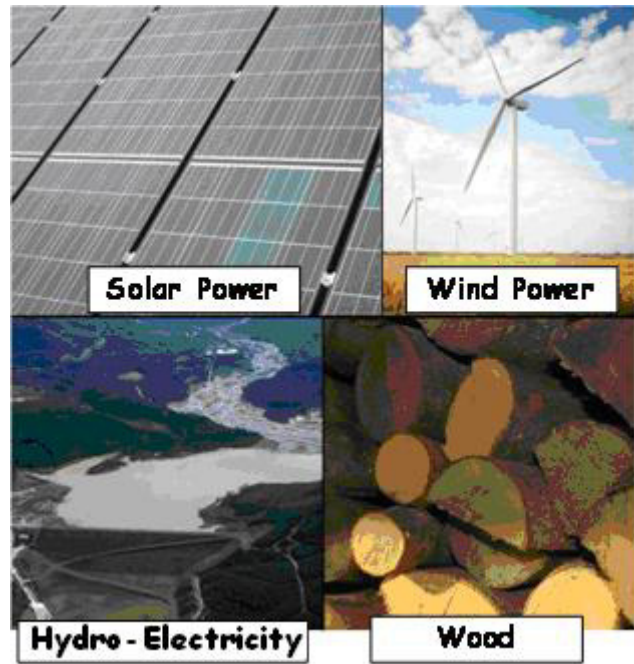
12. RESOURCES

The natural resources shown in this photograph are:

Non-renewable

Renewable

[tick ✓ the correct box]



13. ECONOMIC ACTIVITIES

Irish Coast Guard helicopters, like the one in the photograph, provide a service.

This is an example of a:

Primary activity

Secondary activity

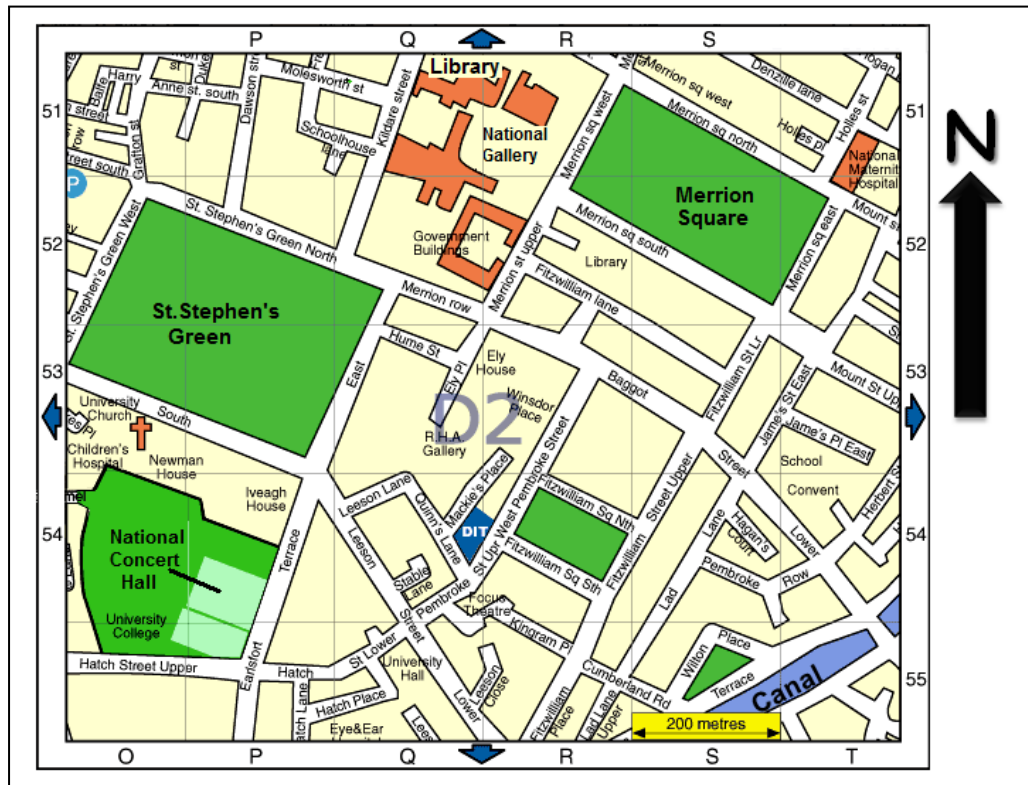
Tertiary activity

[tick ✓ the correct box]



14. STREET MAP LOCATIONS

This map shows an area of Dublin city centre.



(Source: www.softguide.com/dublin)

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

In the **south-east** of the area, *the Canal / the Railway* shows a transport function that Dublin had in the past.

An example of a recreational function in the **north-east** of the area is the park at *Merrion Square / St. Stephen's Green*.

At the **northern** edge of the map *the Library / University College* is evidence of an education function.

OVER →

15. URBAN GEOGRAPHY

At the edges of the cities in developing countries there are slums where houses are often built from plastic sheets and old bits of wood and metal.

These slums are called:

- Urban decline
- Urban renewal
- Shanty towns
- Urban redevelopment

[tick ✓ the correct box]

16. SETTLEMENT PATTERNS

Look carefully at this Ordnance Survey map extract.

The type of settlement pattern shown inside the red rectangle is:

- Dispersed
- Clustered
- Linear

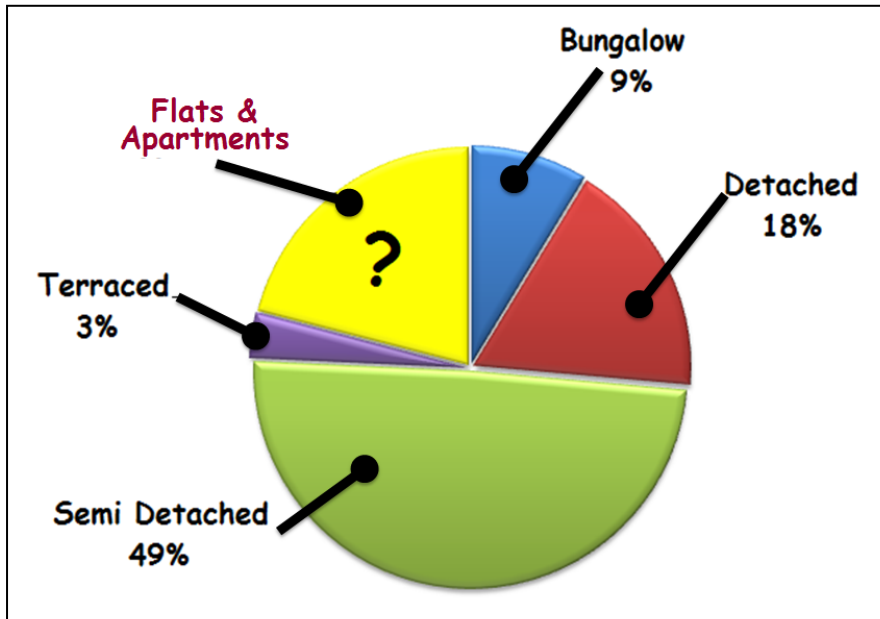
[tick ✓ the correct box]



(Source: OSi Trailmaster©. Scale 1:10,000)

17. STATISTICS

This pie chart shows the percentages for house types in Irish towns and cities.



Source: Adapted from "Housing Statistics" Dept of the Environment, Heritage & Local Govt. 2009)

What is the percentage of Flats & Apartments?

27%

12%

21%

10%

[tick ✓ the correct box]

OVER →

18. GRID REFERENCES

Look at the Ordnance Survey Map supplied with this paper.
The Antiquity at grid reference **S 419 196** is:

- An Ogham Stone
- A Graveyard
- A Megalithic Tomb
- A Castle

[tick ✓ the correct box]

19. GRID REFERENCES

Look at the Ordnance Survey Map supplied with this paper.
What is the Grid reference for the Post Office
in Carrick-on-Suir?

- S 40 22
- S 29 21
- S 21 39
- S 39 21



[tick ✓ the correct box]

20. AN UNEQUAL WORLD



(Source: Trócaire)

The children in this photograph have lost their home due to war in Darfur in Sudan. They now face hunger and famine.

Look at the photograph and information above.

Show, by ticking the box, if each of these statements is **TRUE** or **FALSE**.

STATEMENT	TRUE	FALSE
The first type of aid they need is Emergency Aid to provide shelter and food.	<input type="checkbox"/>	<input type="checkbox"/>
Aid provided by the Irish Government to their government is called Multi-lateral Aid.	<input type="checkbox"/>	<input type="checkbox"/>
Trócaire is a Non-Government Organisation (NGO)	<input type="checkbox"/>	<input type="checkbox"/>

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