

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 2016

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 – FOLDER (60 marks)

FRIDAY 10 JUNE – MORNING 9.30 - 11.30

NOTE: SECTION 2 OF THIS PAPER IS SUPPLIED SEPARATELY

SECTION 1 (60 marks)

Answer **ALL** questions.
You have a choice within four questions.
Be sure to return this folder with your answer book.
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1. THE EARTH'S CRUST

This photograph shows folding in the Rocky Mountains.

Fold Mountains are formed when:

Plates move apart

Plates collide

Landslides occur



Tick (✓) the correct box.

2. VOLCANOES

During a volcanic eruption the hot, molten material which flows from the crater of the volcano is called:

Continental drift

Moraine

Lava

Tick (✓) the correct box.

3. ROCKS



Look at the photograph above.

An example of an Igneous rock, formed when lava cooled quickly on the surface of the earth is:

- Limestone
- Quartzite
- Basalt
- Granite

Tick (✓) the correct box.

4. WATER

This photograph shows an irrigation scheme.

Irrigation means:

- Draining water from wet land.
- Reclaiming new land from the sea.
- Bringing water to dry land.

Tick (✓) the correct box.



5. MASS MOVEMENT

This photograph shows a scree slope in County Wicklow.

Weathered material (soils, stones, mud etc.) moves downslope under the influence of:

Gravity

Solar energy

Drought

Erosion



Tick (✓) the correct box.

6. RIVERS

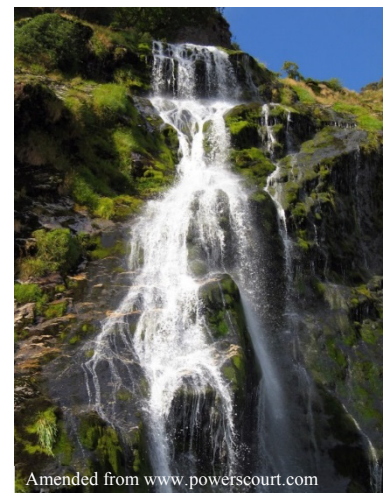
The landform of river erosion shown in this photograph is called a(n):

Meander

Waterfall

Delta

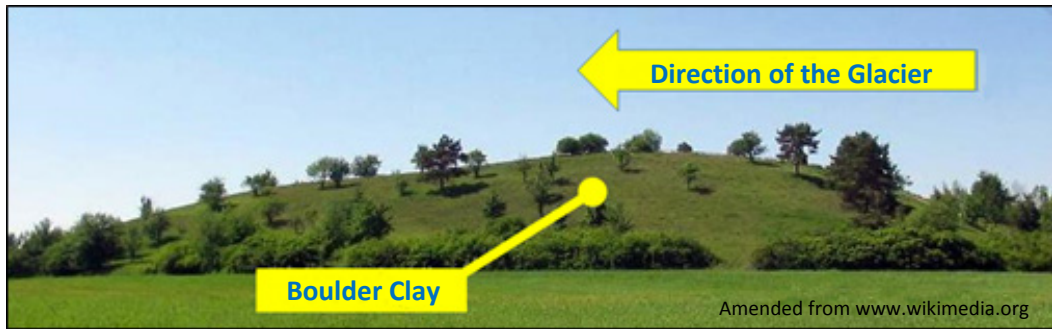
Interlocking spur



Tick (✓) the correct box.

7. ANSWER EITHER 7A OR 7B

7A. GLACIATION



This photograph shows a low rounded hill formed from boulder clay that has been deposited by a glacier.

This hill is called a(n):

- Erratic
- Drumlin
- Moraine

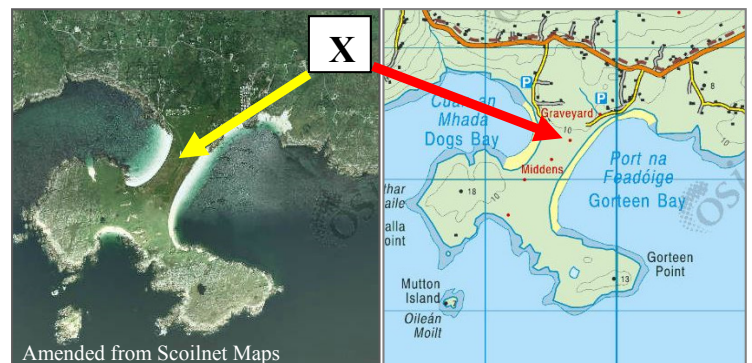
Tick (✓) the correct box.

OR

7B. COASTS

The coastal landform of deposition labelled X is called a:

- Tombolo
- Sand spit
- Lagoon



Tick (✓) the correct box.

8. ANSWER EITHER 8A OR 8B

8A. GLOBAL WINDS

The wind that blows most frequently at a place is called:

Coriolis

Prevailing

Currents

Latitudes

Tick (✓) the correct box.

OR

8B. CLIMATE TYPES

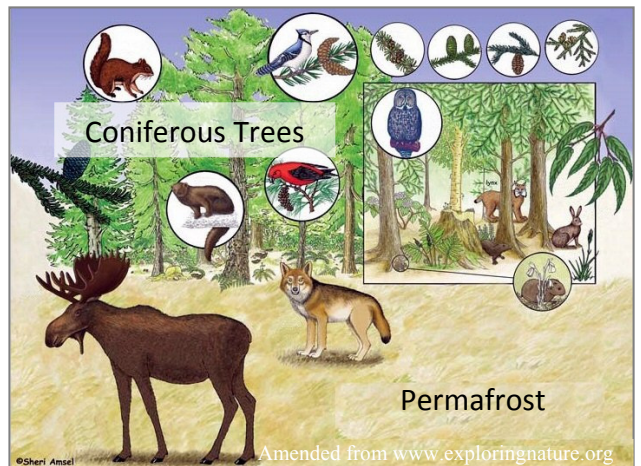
The vegetation, wildlife and permafrost in this picture are as a result of which of the following climate types?

Boreal

Warm temperate oceanic

Equatorial

Hot desert



Tick (✓) the correct box.

9. ANSWER EITHER 9A OR 9B

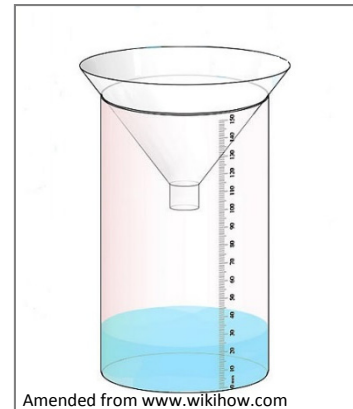
9A. THE WEATHER STATION

The weather instrument shown in this picture is a(n):

Barometer

Rain gauge

Anemometer



Tick (✓) the correct box.

OR

9B. WEATHER SYSTEMS

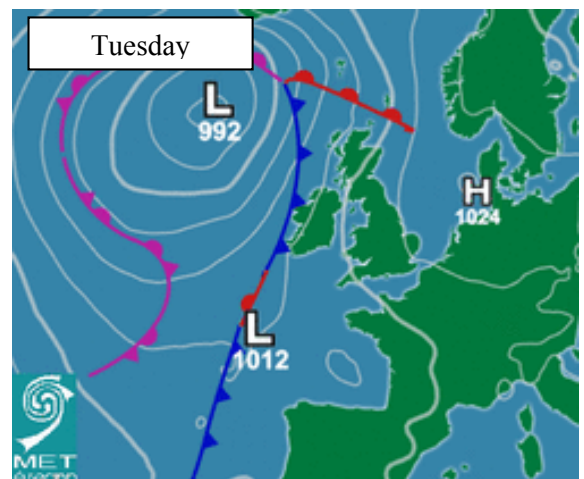
The front at the west coast of Ireland on the weather chart opposite is a(n):

Cold front

Warm front

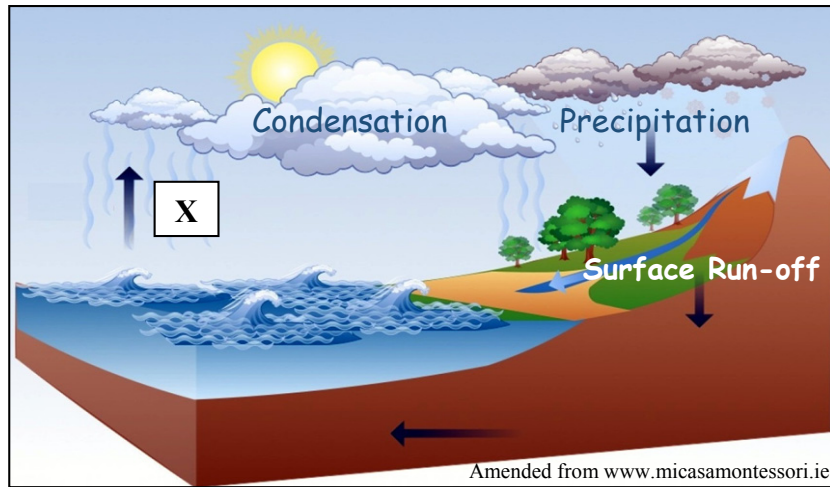
Occluded front

Tick (✓) the correct box.



10. ANSWER EITHER 10A OR 10B

10A. THE WATER CYCLE



Look at the diagram above.

The process taking place at X is:

Evaporation

Desertification

Acid rain

Immigration

Tick (✓) the correct box.

OR

10B. DISTANCE ON THE ORDNANCE SURVEY MAP

Look at the Ordnance Survey map supplied with this paper.

The distance in kilometres along the N5 road from **M 040 849** to the junction with the Third Class road at **M 008 848** is:

6.4 kilometres

2.6 kilometres

3.2 kilometres

Tick (✓) the correct box.

11. PEOPLE ON THE MOVE



The graphic above shows the Irish Naval Service rescuing migrants in the Mediterranean Sea in 2015 and some of the reasons why these people left their home countries.

These reasons are known as:

Pull factors

Push factors

Barriers to migration

Tick (✓) the correct box.

12. AERIAL PHOTOGRAPH

Look at the aerial photograph of Westport supplied with this paper.

There is a church located in the:

Left foreground

Left background

Right background

Centre foreground

Tick (✓) the correct box.

13. STATISTICS IN GEOGRAPHY

Look at the chart opposite.
It shows the percentage (%) of greenhouse gas emissions in Ireland.

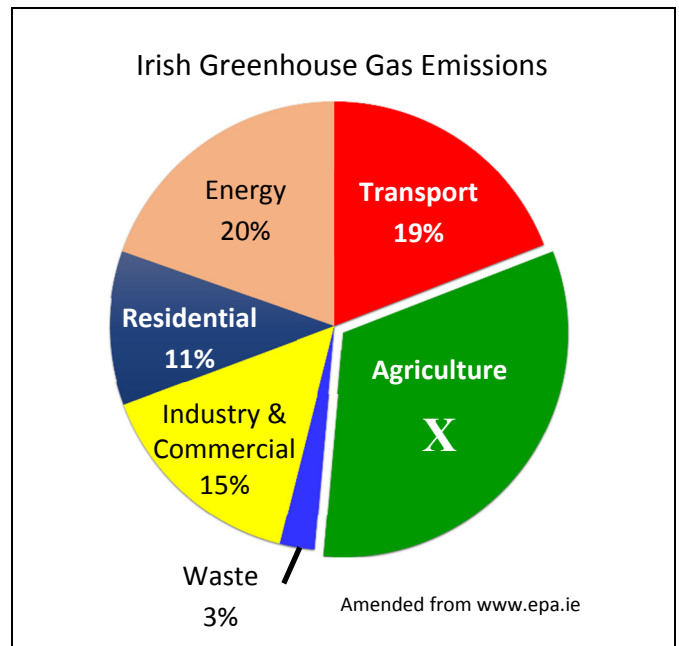
The percentage of greenhouse gas emissions from agriculture, labelled **X**, is:

24%

32%

43%

Tick (✓) the correct box.



14. ECONOMIC ACTIVITIES



Fisherman



Factory Worker



Garda

Which of the following is an example of a worker in a **secondary** economic activity?

Fisherman

Factory worker

Garda

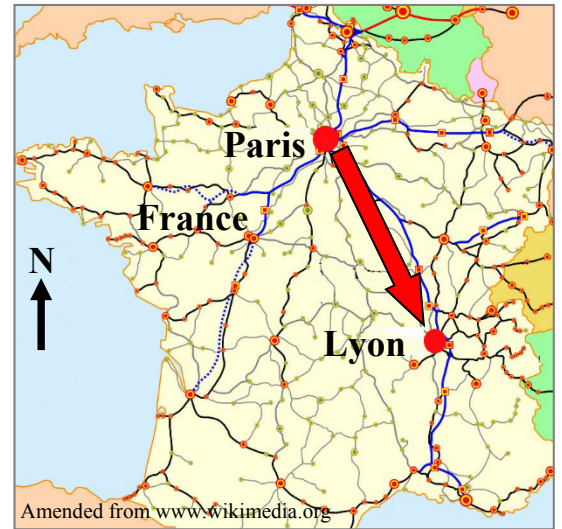
Tick (✓) the correct box.

15. COMMUNICATION LINKS

This map shows part of the French rail network.
If you travelled from Paris to Lyon, in which direction would you be travelling?

- From North-West to South-East
- From South-East to North-West
- From North-East to South-West
- From South-West to North-East

Tick (✓) the correct box.



16. GRID REFERENCES

Look at the Ordnance Survey map supplied with this paper.

The height shown by the spot height on Inishraher at grid reference **L 925 852** is:

- 17 metres
- 21 metres
- 33 metres
- 12 metres

Tick (✓) the correct box.

17. GRID REFERENCES

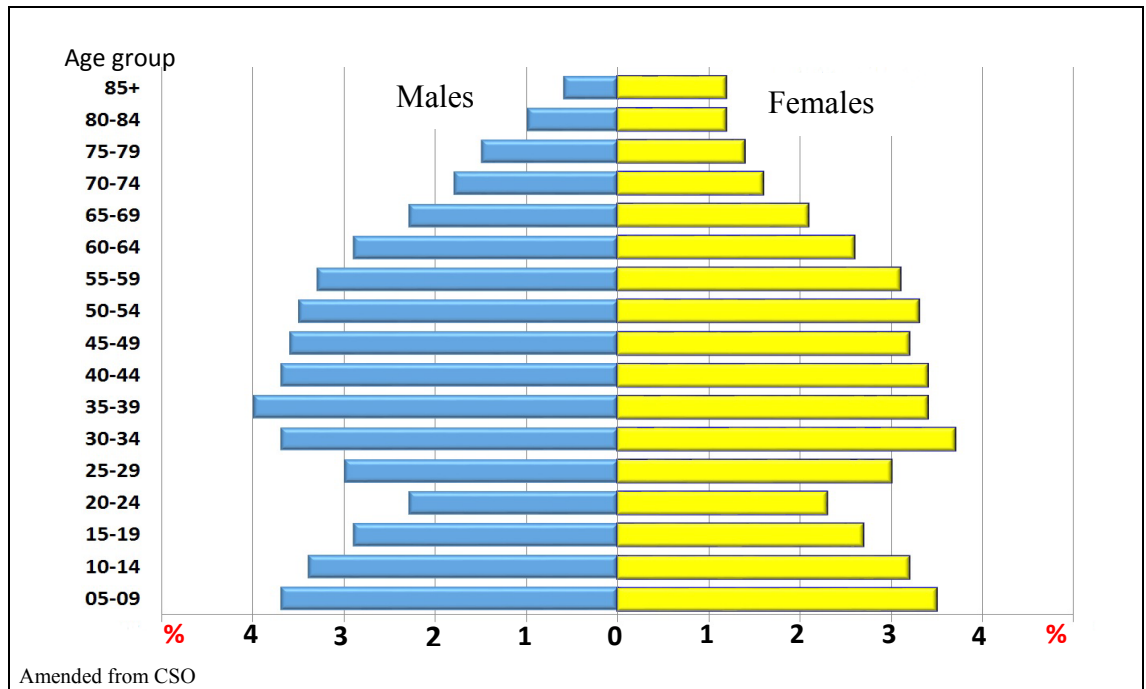
Look at the Ordnance Survey map supplied with this paper.

The type of forestry shown at grid reference **L 98 81** is:

- Coniferous plantation
- Deciduous woodland
- Mixed woodland

Tick (✓) the correct box.

18. POPULATION



The population pyramid above shows the population structure in an area in the 2011 Census.

The total percentage of males **and** females aged between 25 and 29 years of age is:

10%

2%

6%

Tick (✓) the correct box.

19. SETTLEMENT

Settlements can be classified by function.
The **main** function of the settlement shown in this photograph is:

Defence

Religious

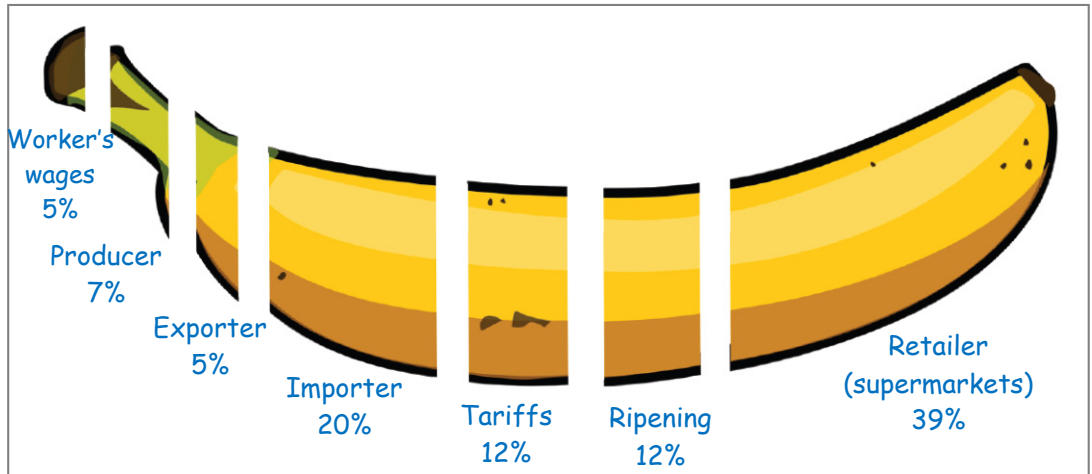
Port

Resource



Tick (✓) the correct box.


20. ECONOMIC INEQUALITY



Amended from www.fairtrade.ie

The diagram above shows the average percentage (%) breakdown of the value of a banana imported into Ireland.

Indicate whether each of the following statements is **TRUE** or **FALSE** by ticking (✓) the correct box in each case.

STATEMENT	TRUE	FALSE
Retailers (supermarkets) earn least from each banana imported into Ireland.		
Workers earn 12% from each banana imported into Ireland.		
 The Fairtrade Network promotes a fair price for producers (farmers) of bananas and other cash crops.		

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