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, 2018

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 – FOLDER (60 marks)

FRIDAY 8 JUNE – MORNING 9:30 – 11:30

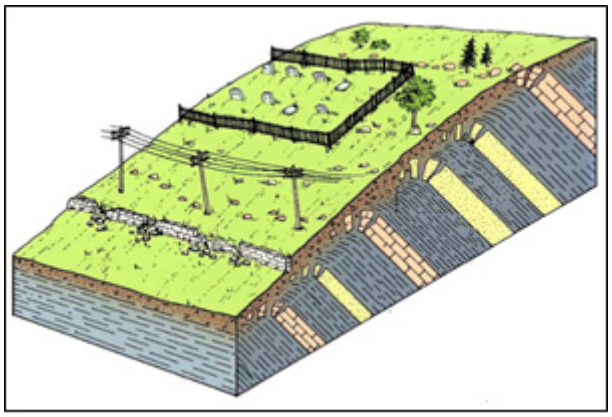
NOTE: SECTION 2 OF THIS PAPER IS SUPPLIED SEPARATELY

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. MASS MOVEMENT

Examine the diagram opposite.



Amended from www.geogrify.net

The type of mass movement shown in the diagram is:

An avalanche ☐

Soil creep ☐

A landslide ☐

Tick (✓) the correct box.

2. EARTHQUAKES

Earthquakes often occur:

In Ireland. ☐

At the edge of plates. ☐

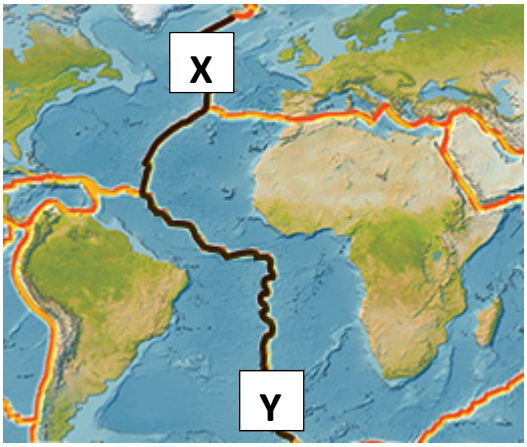
At the centre of plates. ☐

In tundra zones. ☐

Tick (✓) the correct box.

3. PLATE MOVEMENT

Along the line **X-Y** on the map opposite, plates are separating on the earth's crust.



Amended from www.buzzle.com

The line **X-Y** is called the:

Pacific Ring of Fire ☐

San Andreas Fault ☐

Mid-Atlantic Ridge ☐

Mantle ☐

Tick (✓) the correct box.

4. RIVERS

The fine material that is transported and deposited by rivers is called:

Boulder clay ☐

Tombolo ☐

Alluvium ☐

Tick (✓) the correct box.

5. ENVIRONMENT

Trees, like the ones in the photograph opposite, are killed by:



Amended from www.nationalgeographic.com

Abrasion ☐

Acid rain ☐

Ozone ☐

Mechanical weathering ☐

Tick (✓) the correct box.

6. CLIMATE TYPES

Which of the following climate types is most associated with the vegetation shown in the photograph opposite?



Amended from www.theos.in/wp-content

Hot Desert ☐

Equatorial ☐

Mediterranean ☐

Tick (✓) the correct box.

7. TRANSPORT AND INDUSTRY

The type of transport best suited for deliveries to factories located at the edge of a city is:

A lorry ☐

A ship ☐

An aeroplane ☐

Tick (✓) the correct box.

8. TYPES OF AID

Bilateral aid is the type of aid given by:

One country to another country. ☐

A group of countries like the European Union. ☐

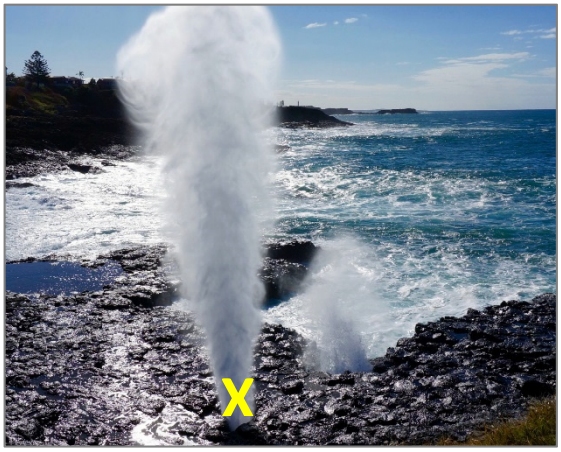
Organisations like the United Nations. ☐

Non-government organisations (NGOs). ☐

Tick (✓) the correct box.

9. ANSWER EITHER 9A OR 9B

9A. COASTS



Amended from www.thewelltravelledman.com

The coastal landform labelled **X** in the photograph opposite is called a:

Cave ☐

Tombolo ☐

Blowhole ☐

Tick (✓) the correct box.

OR

9B. GLACIATION



Amended from www.dkfindout.com

The glacial landform in the photograph opposite is a:

U-shaped valley ☐

Drumlin ☐

Moraine ☐

Tick (✓) the correct box.

10. ANSWER EITHER 10A OR 10B

10A. THE WEATHER STATION

The weather instrument opposite is called:



Amended from www.compactanalysis.com

A wind vane ☐

A barometer ☐

A hygrometer ☐

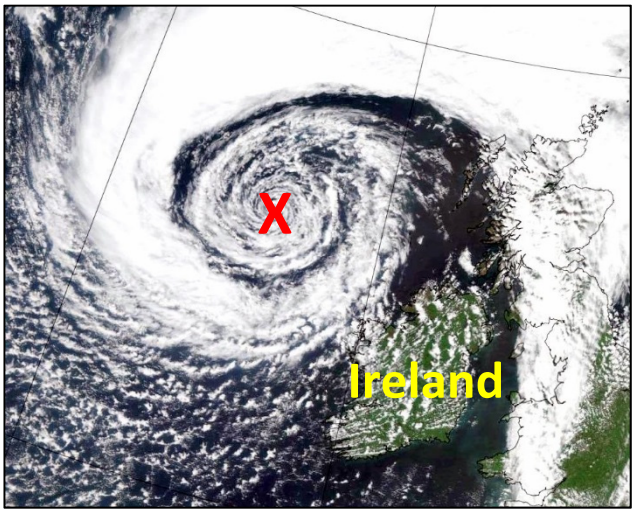
An anemometer ☐

Tick (✓) the correct box.

OR

10B. WEATHER SYSTEMS

The satellite image opposite shows a weather system off the North-West coast of Ireland (**X**).



Amended from www.phys.org

This weather system (**X**) is called:

A depression (low pressure) ☐

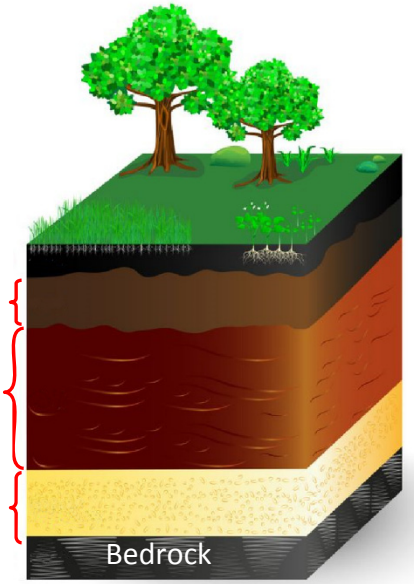
An anti-cyclone (high pressure) ☐

Tick (✓) the correct box.

11. ANSWER EITHER 11A OR 11B

11A. SOILS

Soil Profile



Amended from www.pinimg.com

The diagram opposite shows a soil profile.

Each of the layers in the soil profile is called:

An horizon ☐

Leaching ☐

Humus ☐

Gley ☐

Tick (✓) the correct box.

OR

11B. MIGRATION

The photograph opposite shows the Irish Naval Service rescuing people in the Mediterranean Sea. These migrants are fleeing war and poverty.



Irish Defence Forces

War and poverty are:

Pull-factors ☐

Push-factors ☐

Tick (✓) the correct box.

12. ANSWER EITHER 12A OR 12B

12A. COMMUNICATION LINKS



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

From South-East to North-West ☐

From South-West to North-West ☐

From North-West to South-West ☐

From North-West to South-East ☐

Tick (✓) the correct box.

OR

12B. DISTANCE ON A MAP

Look at the Ordnance Survey map supplied with this paper.

The straight line distance ('as the crow flies') from the bridge at **G 688 364** to the Post Office at **G 674 421** is:

3.5 kilometres ☐

6 kilometres ☐

12 kilometres ☐

Tick (✓) the correct box.

13. AERIAL PHOTOGRAPH

Look at the aerial photograph supplied with this paper.



The extract taken from the aerial photograph shown opposite is located in the:

Right foreground ☐

Left middleground ☐

Left background ☐

Tick (✓) the correct box.

14. URBAN STUDIES

The photograph opposite was taken by a traffic camera during the evening rush hour.



Amended from www.dublinlive.ie

The line of traffic is:

Leaving the city. ☐

Entering the city. ☐

Tick (✓) the correct box.

15. SETTLEMENT IN THE NETHERLANDS

The photograph opposite shows settlement in the Netherlands, built on land reclaimed from the sea.



Amended from www.theberlage.nl

This land reclaimed from the sea is known as a:

Polder ☐

Floodplain ☐

Dyke ☐

Tick (✓) the correct box.

16. ECONOMIC ACTIVITIES







Amended from www.nurse.com, www.anpost.ie, www.dublinlive.ie

Look at the photographs above.

Medical workers, postal workers and firefighters are all examples of:

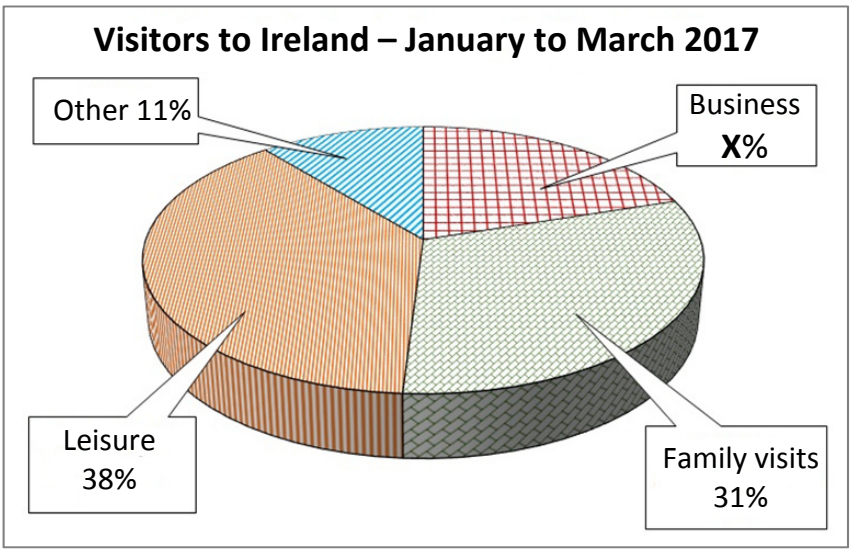
Secondary workers ☐

Tertiary workers ☐

Primary workers ☐

Tick (✓) the correct box.

17. STATISTICS



Amended from CSO

Look at the pie chart above. It shows the reasons why visitors came to Ireland between January and March 2017.

The percentage of visitors who came to Ireland on business, (**X**) was:

10% ☐

15% ☐

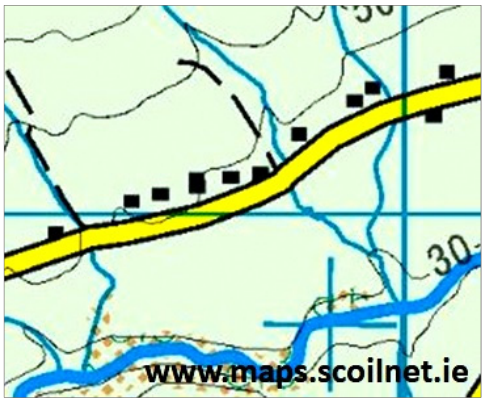
20% ☐

25% ☐

Tick (✓) the correct box.

18. SETTLEMENT

Look at the map extract opposite.



The main settlement pattern shown is:

Clustered / nucleated ☐

Dispersed ☐

Linear ☐

Tick (✓) the correct box.

19. GRID REFERENCES

Look at the Ordnance Survey map supplied with this paper.

The grid reference for Benbulbin Mountain is:

G 46 70 ☐

G 69 46 ☐

G 70 46 ☐

G 46 69 ☐

Tick (✓) the correct box.

20. GRID REFERENCES

Look at the Ordnance Survey map supplied with this paper.

The feature at **G 701 370** is a:

Post Office ☐

Church ☐

Youth Hostel ☐

Megalithic Tomb ☐

Tick (✓) the correct box.