

WARNING

You must return this paper with your answer book. Otherwise you will lose marks.

Write your Examination Number here:



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2018

GEOGRAPHY – HIGHER LEVEL

SECTION 1 – FOLDER (60 marks)

FRIDAY 8 JUNE – MORNING 9:30 – 11:30

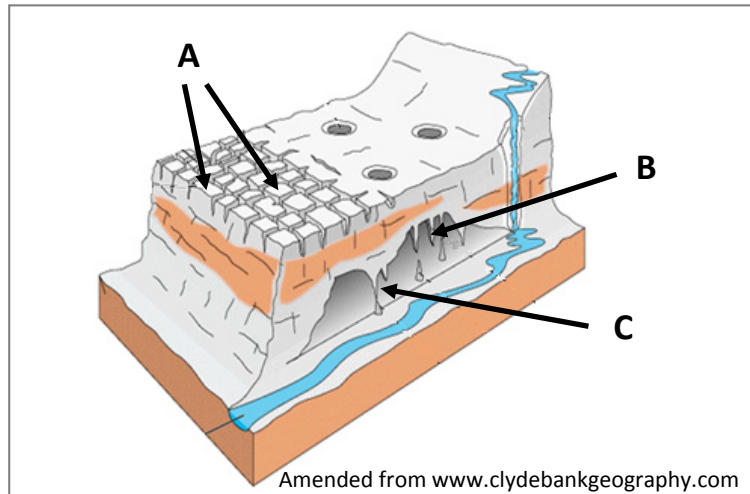
Section 1 Folder Marking Grid (for examiners use only)				
Questions		Mark	Examiner	Advising Examiner
	@	3		
	@	2		
	@	1		
	@	0		
Total Mark				

NOTE: SECTION 2 OF THIS PAPER IS SUPPLIED SEPARATELY

SECTION 1 (60 marks)

Answer **ALL** questions.
You have a choice within three questions.
Be sure to return this folder with your answer book.
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1. KARST LANDSCAPES



The diagram above shows features in a karst region.

Name each of the limestone features labelled **A**, **B** and **C**.

A. _____

B. _____

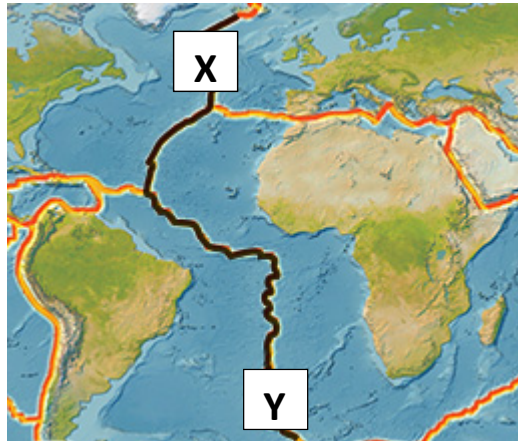
C. _____

2. FOLD MOUNTAINS

Circle the correct answer in each of the following statements.

- (i) Fold mountains are formed when two plates **separate** / **collide**.
- (ii) An example of Fold Mountains in South America are the **Andes** / **Himalayas**.
- (iii) The mountains of Munster formed during the **Alpine foldings** / **Armorican foldings**.

3. PLATE MOVEMENT



Amended from www.buzzle.com

Examine the map above and circle the correct answer in each of the following statements.

- (i) The area indicated by the line XY on the map is called the
Pacific Ring of Fire / Mid-Atlantic Ridge.
- (ii) Plates are **colliding** / **separating** in the area along the line XY.
- (iii) Plates move because of **convection currents** / **ocean currents**.

4. SECONDARY ECONOMIC ACTIVITY

Which **one** of the following lists contains only examples of people involved in secondary economic activity?

Miner, tour guide, taxi driver, forestry worker. ☐

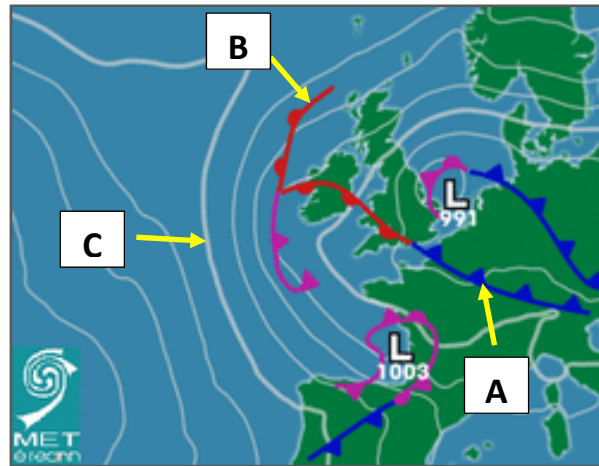
Singer, farmer, doctor, teacher. ☐

Baker, factory worker, brewer, cabinet maker. ☐

Hairdresser, dentist, nurse, bus driver. ☐

Tick (✓) the correct box.

5. WEATHER CHART



Examine the weather chart above and complete each of the following sentences by inserting the correct term in each case.

- (i) The weather chart feature labelled **A** is called a _____.
- (ii) The weather chart feature labelled **B** is called a _____.
- (iii) The line labelled **C** is called an _____.

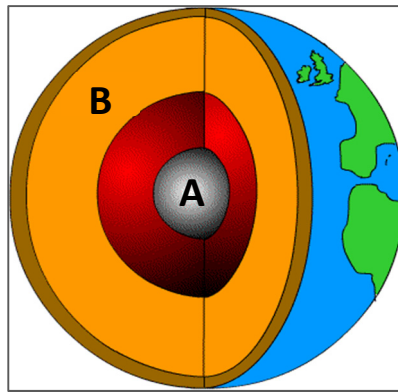
6. SOIL

Complete each of the following sentences by using the correct term from the table below.

Podzols	Horizons	Humus
Micro organisms	Hard pan	Brown earths

- (i) The different layers in a soil profile are called _____.
- (ii) Decayed plant litter in soils is called _____.
- (iii) _____ are Ireland's most common soil.

7. STRUCTURE OF THE EARTH



Amended from geo.rhul.ac.uk

Examine the diagram of the structure of the earth above.

Complete each of the following sentences by using the correct term from the table below.

Magma	Inner mantle	Lava
Continent	Tectonic plates	Inner core

- (i) The area labelled **A** is known as the _____.
- (ii) The material found at **B** is called _____.
- (iii) The earth's crust is divided into sections called _____.

ANSWER EITHER 8A OR 8B

8A. POPULATION DENSITY

In the boxes provided, match each of the letters in **Column X** with the number of its pair in **Column Y**. One match has been completed for you.

Column X		Column Y		X	Y
A	Mali	1	A city with a high population density.	A	
B	Hong Kong	2	An urban area in a developing world city.	B	1
C	Shanty town	3	A country with a low population density.	C	
D	The Netherlands	4	A country with a high population density.	D	

OR

8B. WEATHER

Circle the correct answer in each of the following statements.

- (i) Humidity is measured using an instrument called **a hygrometer / an anemometer**.
- (ii) Lines on a map joining places of equal sunshine are called **isohyets / isohels**.
- (iii) Rainfall that occurs when a warm air mass and a cold air mass meet is called **relief rainfall / cyclonic (frontal) rainfall**.

ANSWER EITHER 9A OR 9B

9A. POLDERS

Polders refer to:

Farms in Ethiopia. ☐

Land reclaimed from the sea. ☐

Height above sea level. ☐

Fertile areas in the desert. ☐

Tick (✓) the correct box.

OR

9B. URBANISATION

A primate city is:

A city from where people travel to work. ☐

An urban renewal strategy. ☐

A city that has twice the population of the next largest city. ☐

The spread of urban development into rural areas. ☐

Tick (✓) the correct box.

ANSWER EITHER 10A OR 10B

10A. RIVERS



Amended from www.stuckiniceland.com

Circle the correct answer in each of the following statements.

- (i) The feature labelled **X** in the photograph above is called a **rapid** / **waterfall**.
- (ii) The feature labelled **X** is a feature of **river erosion** / **river deposition**.
- (iii) The feature labelled **X** is found in the **upper** / **lower** course of a river.

OR

10B. RIVERS

Complete each of the following sentences by inserting the correct term in each case.

- (i) The term given to an area drained by a river and its tributaries is known as the river
_____.
- (ii) The term given to fertile material deposited by a river on a flood plain is
_____.
- (iii) Pronounced bends along the middle course of rivers are known as
_____.

11. THE ENVIRONMENT



Amended from www.reference.com

The photograph above illustrates the effect of:

Carbonation ☐

Earthquakes ☐

Weathering ☐

Global warming ☐

Tick (✓) the correct box.

12. AID

Complete each of the following sentences by using the correct term from the table below.

Emergency aid	Tied aid	Development aid
---------------	----------	-----------------

(i) Aid given with conditions attached is known as _____.

(ii) Training local teachers and nurses is an example of _____.

(iii) Aid given in times of crisis is known as _____.

13. DEVELOPED AND DEVELOPING COUNTRIES

Indicate which **three** of the following statements are correct by ticking (✓) the correct box.

1. There is a high life expectancy in developing countries.
2. Developing countries experience rapid population growth.
3. Developed countries have high birth rates.
4. Death rates are generally low in developed countries.
5. Standards of living are generally high in developed countries.

1, 2, 3 ☐

1, 4, 5 ☐

2, 3, 4 ☐

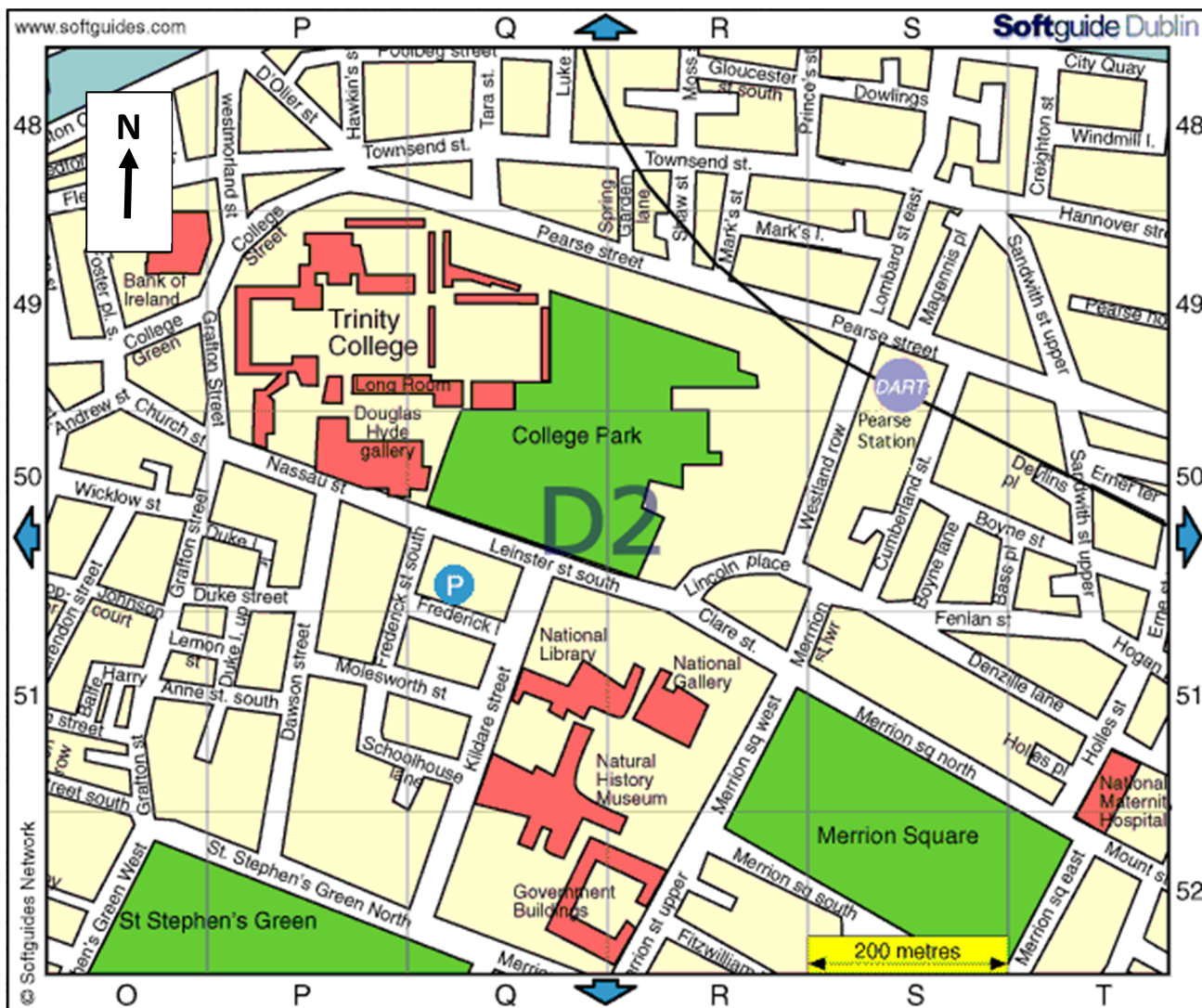
2, 4, 5 ☐

14. PEAT BOGS

Circle the correct answer in each of the following statements.

- (i) Peat bogs in the midlands of Ireland are **raised bogs** / **blanket bogs**.
- (ii) Peat is a **renewable** / **non-renewable** resource.
- (iii) In the past, hand tools called **sleans** / **harrows** were used to cut sods of turf on a bog.

15. STREET MAP



Examine the street map above which shows part of central Dublin.

What street would you arrive at having followed the directions below?

- Walk along Dawson Street (grid P51) in a northerly direction.
- Turn right onto Nassau St and continue walking.
- Take the second street on the right.

Clare St ☐

Fredrick St South ☐

Molesworth St ☐

Kildare Street ☐

Tick (✓) the correct box.

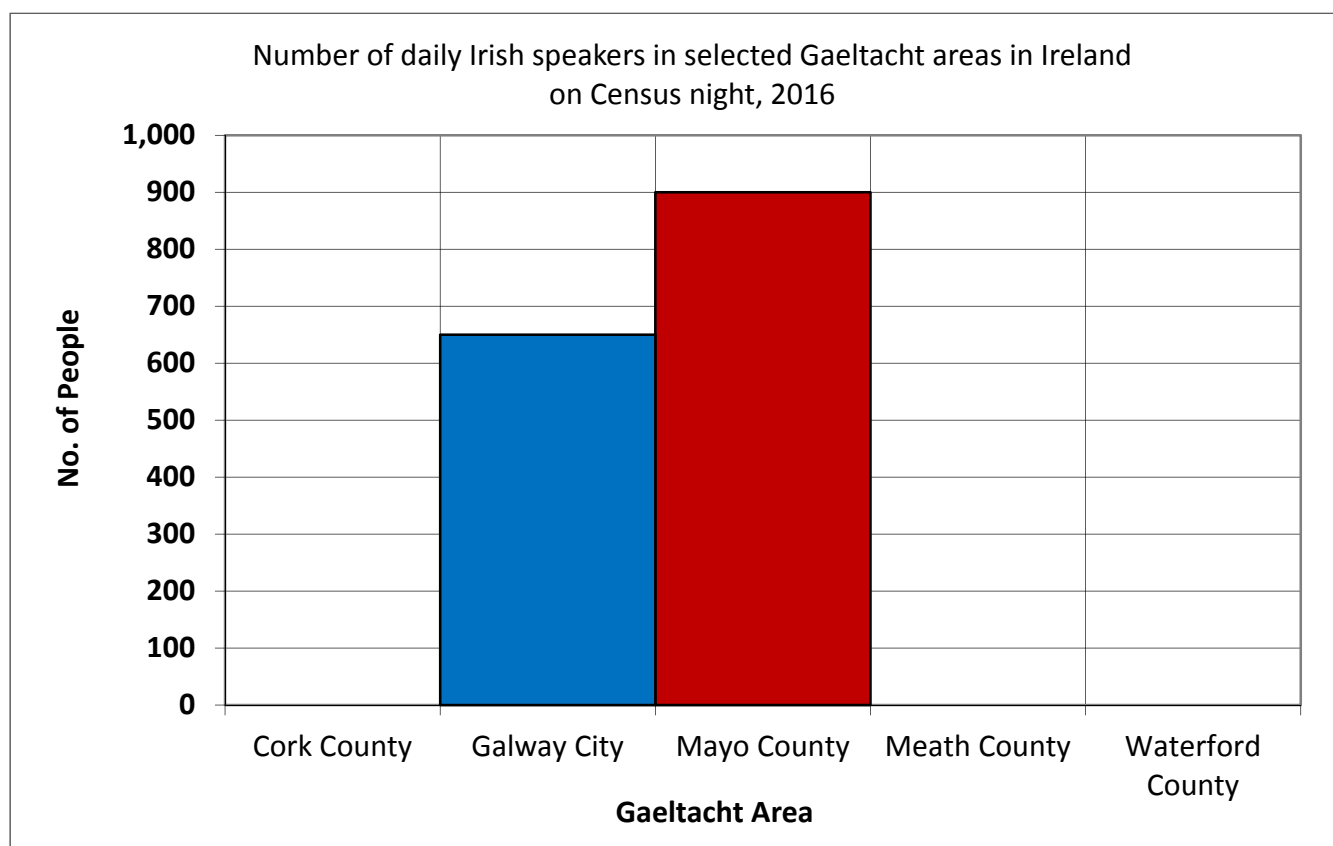
16. CENSUS GRAPH

The table below shows the approximate number of daily Irish speakers in selected Gaeltacht areas in Ireland on Census night in 2016.

Use the information in the table to complete the bar graph for Cork County, Meath County and Waterford County.

Gaeltacht Area	Cork County	Galway City	Mayo County	Meath County	Waterford County
No. of People	850	650	900	300	450

Amended from CSO



17. ORDNANCE SURVEY MAP

Examine the Ordnance Survey map and legend supplied with this paper.

In the boxes provided, match each of the letters in **Column X** with the number of its pair in **Column Y**. One match has been completed for you.

Column X	
A	G 667 423
B	G 674 421
C	G 749 352
D	G 703 418

Column Y	
1	Meander
2	Mixed woodland
3	Post Office
4	Castle

X	Y
A	
B	3
C	
D	

18. AERIAL PHOTOGRAPH

Examine the aerial photograph supplied with this paper.

Circle the correct answer in each of the following statements.

- (i) There is a weir on the river in the **centre background** / **left foreground**.
- (ii) There is a running track in the **left background** / **left middleground**.
- (iii) This is a **vertical** / **an oblique** aerial photograph.

19. ORDNANCE SURVEY MAP

Examine the Ordnance Survey map and legend supplied with this paper.

Circle the correct option in each of the following statements.

- | | | |
|-------|--|---------------------|
| (i) | There is an Independent Holiday Hostel in Sligo. | True / False |
| (ii) | The tourist office in Sligo has regular opening hours. | True / False |
| (iii) | The highest point on the map is located at G 703 442. | True / False |

20. ORDNANCE SURVEY MAP

Examine the Ordnance Survey map and legend supplied with this paper.

What is the length of the railway line from G 678 350 to G 685 367?

- | | |
|--------|--------------------------|
| 1.3 km | ☐ |
| 3.5 km | ☐ |
| 2.0 km | ☐ |

Tick (✓) the correct box.

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Junior Certificate 2018 – Higher level, Section 1

Geography

Friday 8 June

Morning 9:30 – 11:30