



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2008

GEOGRAPHY - HIGHER LEVEL

FRIDAY, 6TH JUNE - AFTERNOON, 2.00 TO 4.00

SECTION 2 (90 MARKS)

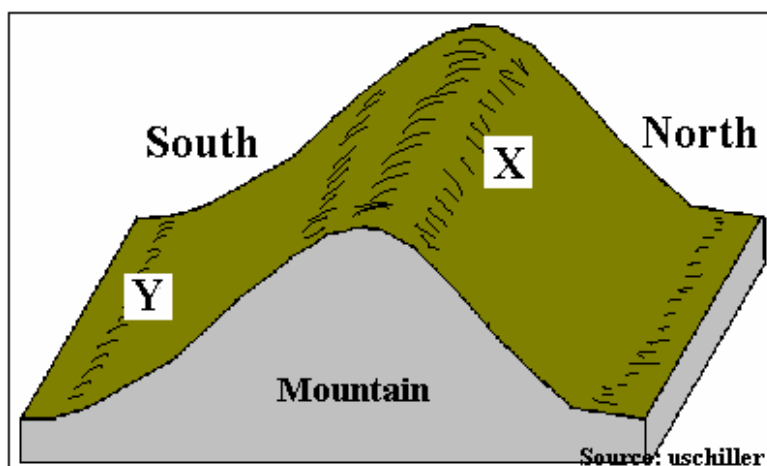
Answer THREE questions.

SECTION 1 of this paper is on a separate folder, where spaces are provided for your answers.
Please remember to return your completed folder with your answer-book.

1. CLIMATE AND PEOPLE

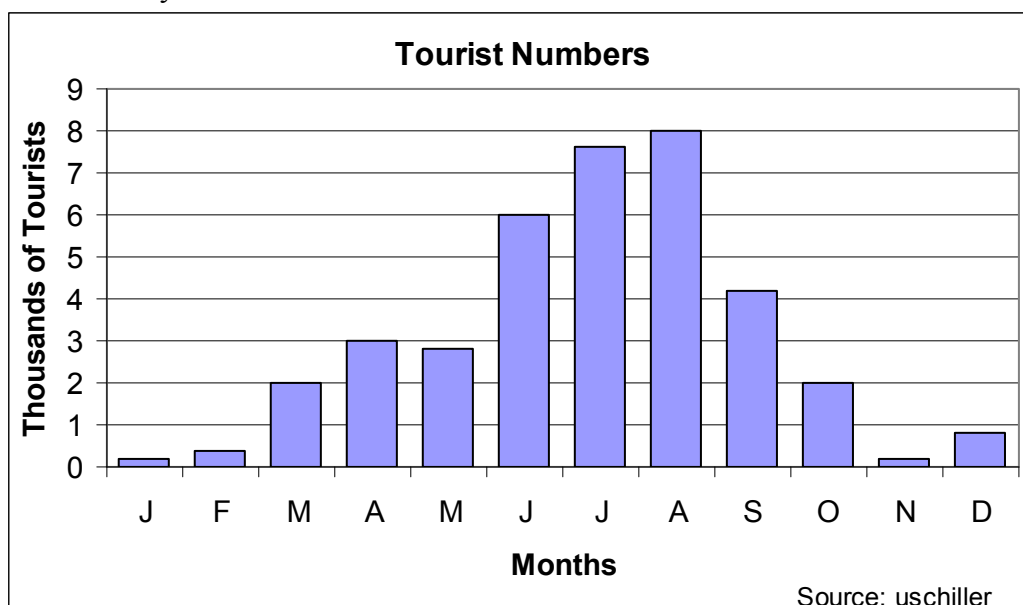
- A. The diagram shows a mountainous area in Europe.

Explain **two** reasons why you would expect the place labelled **X** on the diagram to be colder than the place labelled **Y**.



(10)

- B. The graph shows the numbers of tourists who visited a coastal resort in Spain in the course of a year.



- (i) Which is the 'peak' or busiest tourist month at this coastal resort?
- (ii) Using the information in the Table below, explain **three** reasons why so many people visited the resort during its peak tourist month.

(1)

(9)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temperature in °C	9	11	13	16	21	25	26	27	19	17	15	12
Precipitation in mm	71	55	28	19	5	5	3	0	6	16	60	79
Daily Hours of Sunshine	3	4	5	7	9	10	11	11	8	5	4	3

C. Climate and Development

Explain how climate has hindered (slowed down) the development of **one** named **developing country**.

(10)

2. AGENTS OF EROSION

Answer on EITHER Coasts OR Glaciation

Coasts – The Work of the Sea

A. Feature of coastal erosion

Name one feature of coastal erosion and with the aid of a diagram, explain how it was formed.

(10)

B. Feature of coastal deposition

Name one feature of coastal deposition and with the aid of a diagram, explain how it was formed.

(10)

C. Coasts and People

(i) Name and briefly explain **one** way that people use coastal areas.

(5)

(ii) Name and briefly explain **one** way that people pollute coastal areas.

(5)

OR

Glaciation – The Work of Ice

A. Feature of glacial erosion

Name one feature of glacial erosion and with the aid of a diagram, explain how it was formed.

(10)

B. Feature of glacial deposition

Name one feature of glacial deposition and with the aid of a diagram, explain how it was formed.

(10)

C. Glaciation and People

(i) Name and briefly explain **one** way that people benefit from the results of glaciation.

(5)

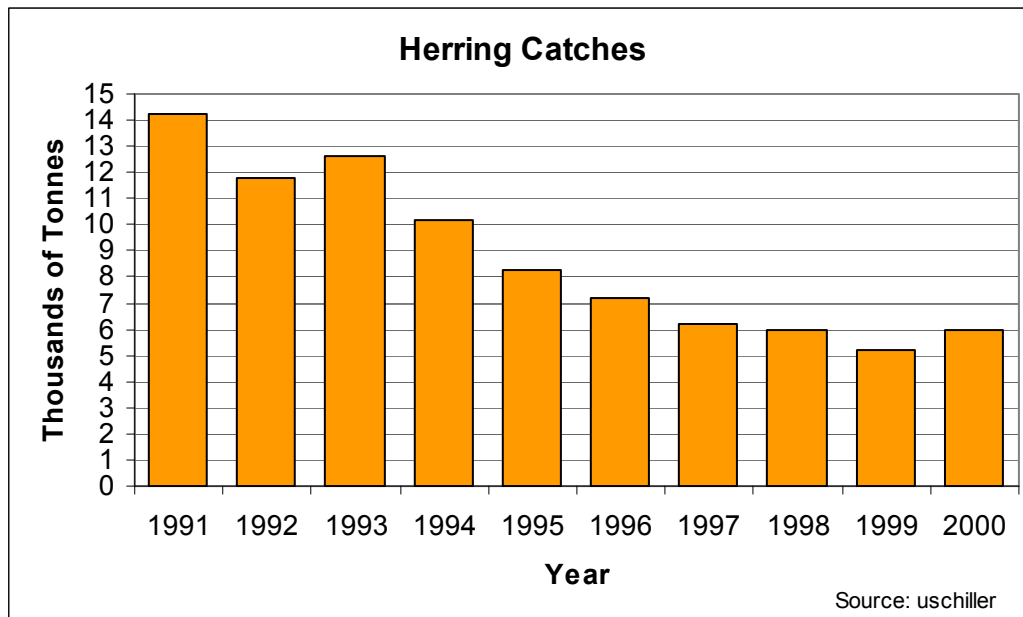
(ii) Name and briefly explain **one** disadvantage of the results of glaciation

(5)

3. ECONOMIC ACTIVITIES

A. The depletion of a resource.

The graph shows a decline over time in herring catches in part of the Celtic Sea.



- (i) Calculate the decline in the herring catch between the year of maximum catch and the year of minimum catch. (2)
- (ii) Explain **two** reasons for the **decline** in fish stocks in Irish waters in recent years. (6)
- (iii) The Irish Government and the European Union try to **conserve** fish stocks to prevent their depletion or further reduction. Describe two ways in which this might be achieved. (4)

B. Manufacturing industry

The location of Manufacturing Industries is influenced by many factors including:

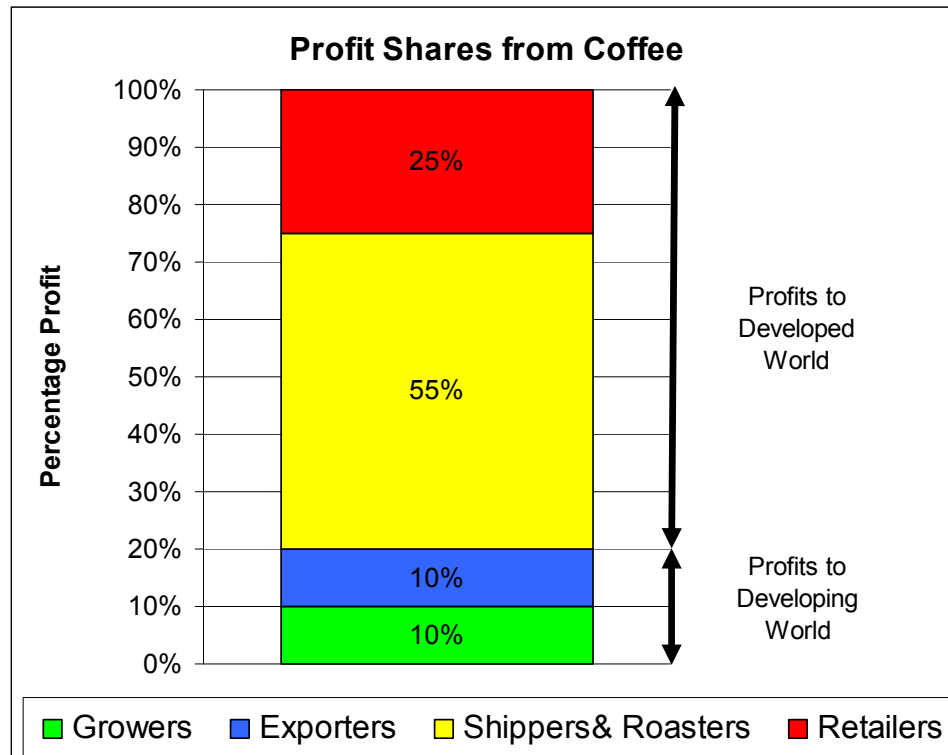
- **Raw Materials**
- **Labour**
- **Markets**
- **Transport**
- **Services**
- **Capital**
- **Government Policies**
- **Personal Preferences**

Name one manufacturing industry in Ireland that you have studied. Explain how any **two** factors listed above influenced the location of the industry you name.

(10)

C. International Trade

The graph shows who makes the profits in coffee production.



Explain how unfair trading may be a cause of poverty in the developing world.

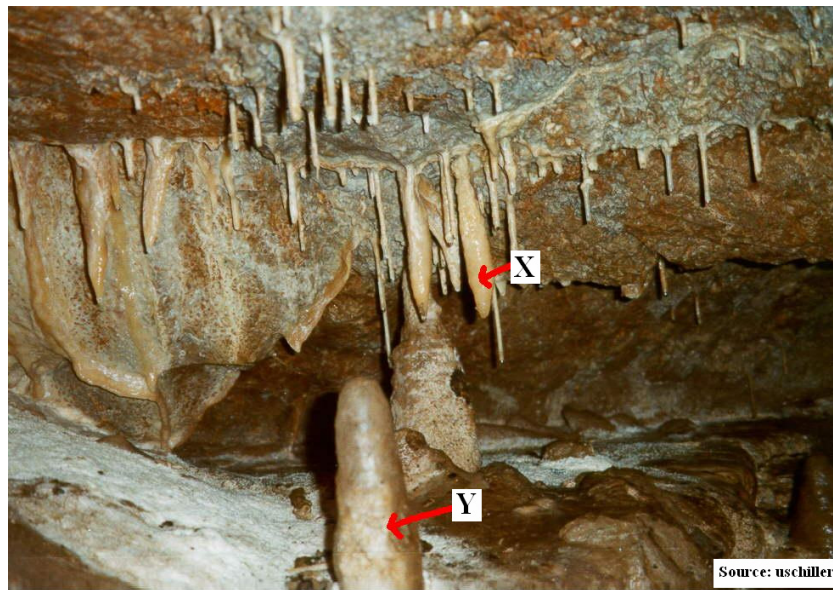
(8)

4. GEOGRAPHICAL MIX

Answer **three** of the following questions **A, B, C** and **D**.

A. An Irish cave

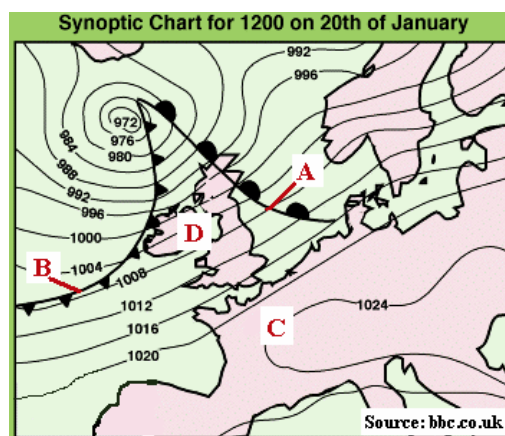
Examine the photograph of a cave in Ireland.



- (i) What type of rock is shown? (1)
- (ii) Identify the feature labelled **X** and the feature labelled **Y** (2)
- (iii) Describe fully how the rock shown in the photograph is weathered by rainwater. (7)

B. Weather

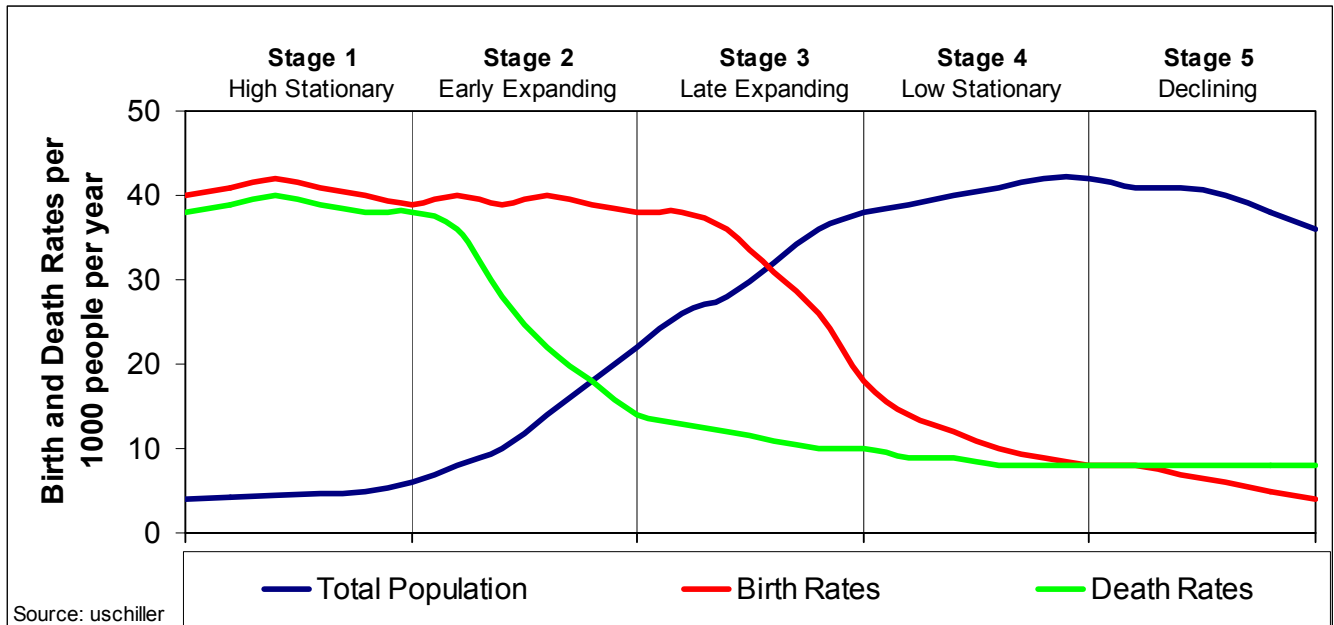
Examine the weather map.



- (i) What name is given to the numbered lines shown on this map? (1)
- (ii) What name is given to the feature labelled **A** on the map? (1)
- (iii) What name is given to the feature labelled **B** on the map? (1)
- (iv) What is the atmospheric pressure at **C** on the map? (1)
- (v) Describe the weather conditions that you would expect to find at **D** on the map. (6)

C. Population change.

The diagram shows population change over time.

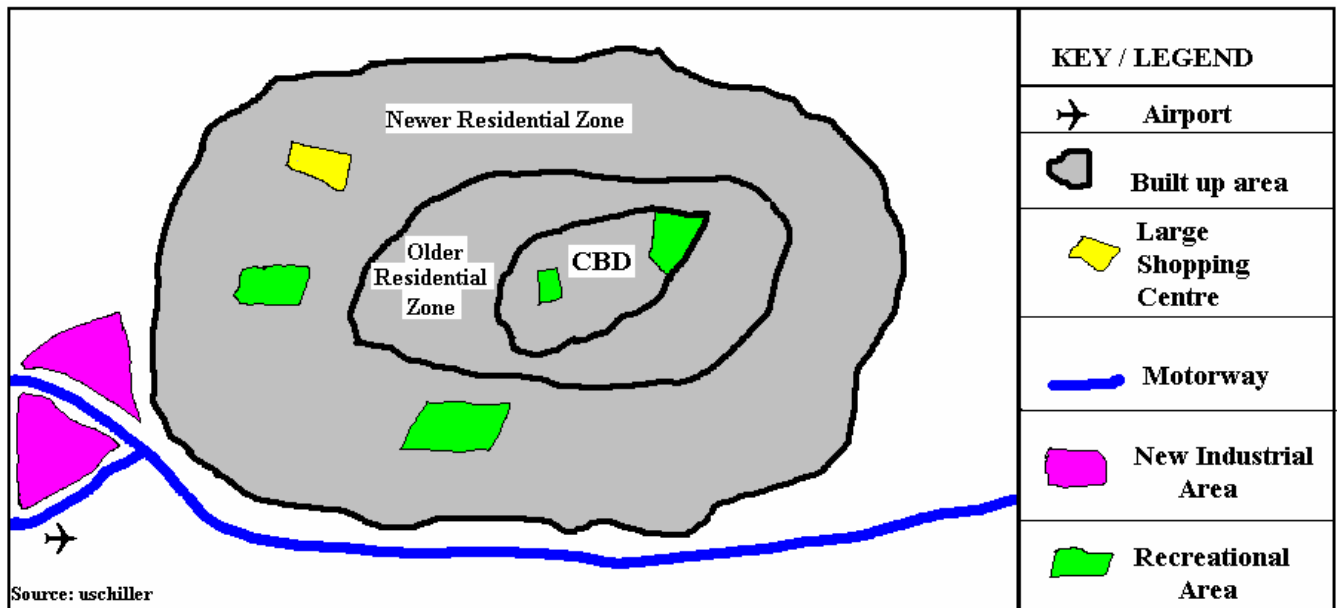


- What name is given to this diagram? (1)
- At which stage of the diagram is the **death rate** at its highest? (1)
- At which stage of the diagram is the *total population* growing most rapidly? (1)
- At which stage is there a *natural decrease* in the population? (1)
- Briefly explain each of the following:
 - Why the death rate fluctuates (goes up and down) at *Stage 1*.
 - Why the death rate declines rapidly at *Stage 2*.
 - Why the birth rate declines at *Stage 3*. (6)

OVER →

D. Urban matters.

The sketch map shows some functional zones within a city.



The photographs A and B show different functions in a city.



- (i) In which functional zone shown in the sketch was each photograph taken? (2)
- (ii) Describe land values and buildings within the Central Business District of any large city in the developed world. (6)
- (iii) Briefly explain the meaning of the term 'urban sprawl'. (2)

5. ORDNANCE SURVEY MAP AND AERIAL PHOTOGRAPH

A. Examine the **ORDNANCE SURVEY MAP** provided.

(i) What is the general **direction** from Galway Airport (M 374 284) to the road roundabout at M 352 258?

(3)

(ii) Name the type of **settlement pattern** that exists at M 36 30.

(3)

B. Examine the **AERIAL PHOTOGRAPH** provided. **Draw a sketch map** of the photograph.

On your sketch map **show and label** each of the following features:

- A river
- The large church near the Middle of the photograph
- A housing estate in the Right Background
- A recreation area in the Right Foreground.

(10)

C. Identify *two ways* that Galway City uses **traffic management** to reduce traffic problems.

Use evidence from the **AERIAL PHOTOGRAPH** supplied to support your answer.

(6)

D. Outline **three reasons** for the development of the city of Galway.

Use the **ORDNANCE SURVEY MAP** *and/or* the **AERIAL PHOTOGRAPH** provided to support your answer.

(8)

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