

WARNING

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

Write your Examination Number here



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION, 2008

GEOGRAPHY – ORDINARY LEVEL

SECTION 1 - FOLDER

FRIDAY, 6 JUNE - AFTERNOON, 2.00 to 4.00

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 answerbook.

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1. The Earth from Space



www.earthobservatory.nasa.gov

Look at this image of the Earth from space.

The ocean area marked X is the:

South Pacific Ocean ☐

Indian Ocean ☐

Arctic Ocean ☐

North Atlantic Ocean ☐

[tick ✓ the correct box]

2. **Rocks**

Look at this photograph.
Which of the following does it show?

A lava flow

☐

Folded rock strata

☐

River meanders

☐

A sea stack

☐

www.fas.org

[tick ✓ the correct box]

3. **The Atmosphere**



^w
www.outsidebanks.com

Look at this satellite image.
Which of the following does it show?

A snowstorm

☐

A hurricane

☐

A warm front

☐

[tick ✓ the correct box]

4. **River Features**



Look at this photograph.
Which of the following river features does it show?

Waterfalls ☐

Potholes ☐

A Delta ☐

Cliffs ☐

[tick ✓ the correct box]

5. **Rocks**

Which one of these is an **igneous** rock?

Coal ☐

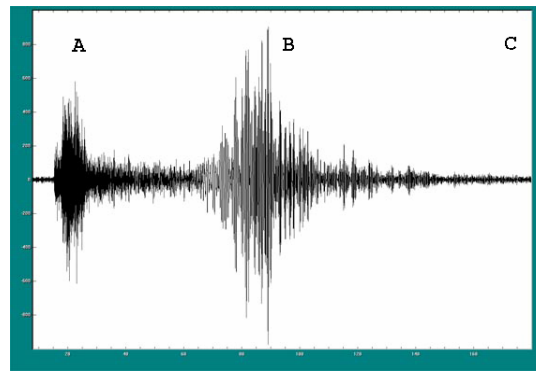
Limestone ☐

Sandstone ☐

Granite ☐

[tick ✓ the correct box]

6. **Movement in Geography**



Pennsylvania Dept of Conservation

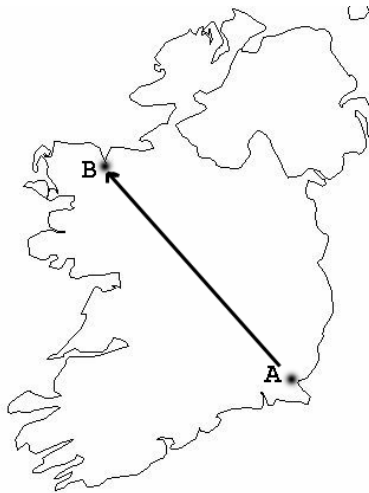
This graph called a **seismogram** is used to show the strength of:

- Wind ☐
- A storm at sea ☐
- A thunder storm ☐
- An earthquake ☐

[tick ✓ the correct box]

7. **Ireland - Direction**

Look at this map of Ireland.



If you went from town **A** to town **B** in which **direction** would you be travelling?

- From North to South ☐
- From Northeast to Northwest ☐
- From Southeast to Northwest ☐
- From Northwest to West ☐

[tick ✓ the correct box]

8. Answer **EITHER 8A OR 8B**

8A Coastal Landforms – deposition



In the above photograph, the material deposited in the sea forms a:

Cliff ☐

Sea stack ☐

Sea arch ☐

Sand spit ☐

[tick ✓ the correct box]

OR

8B Glacial Landforms - deposition



In the above photograph, the deposited material indicated by the red arrows is:

Moraine ☐

A cirque (corrie) ☐

A fiord ☐

A drumlin ☐

[tick ✓ the correct box]

9. Answer **EITHER 9A OR 9B**

9A Ordnance Survey Map

Look at the Ordnance Survey extract provided.

Which of the following features can be found at grid reference **M 324 247**?

A castle ☐

A Caravan site ☐

A Bridge ☐

An Airport ☐

[tick ✓ the correct box]

OR

9B Economic Activities

The woman shown in this photograph is working in which kind of economic activity?

Primary Activity ☐

Secondary Activity ☐

Tertiary Activity ☐

[tick ✓ the correct box]



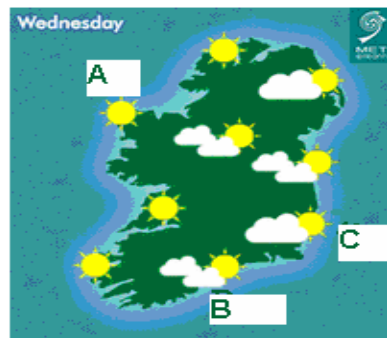
Image from www.answers.com

10. Answer **EITHER 10A OR 10B**

10A Weather map

Look at this weather map from *Met Éireann*.

At which place was the weather most sunny on this day?



A ☐

B ☐

C ☐

[tick ✓ the correct box]

OR

10B Overpopulation

A place is said to be **overpopulated** when:

Many people live there ☐

The population is growing ☐

There are not enough resources for all the people who live there ☐

[tick ✓ the correct box]

11. Answer **EITHER 11A OR 11B**

11A. Buildings



www.dkimages.com

Buildings like those in this photograph are most likely to be seen in:

The suburbs of a city ☐

A rural area ☐

A central business district ☐

An industrial estate ☐

[tick ✓ the correct box]

OR

11B. Footloose Industry

Which of the following is an example of a **footloose industry**?

Computer Manufacture ☐

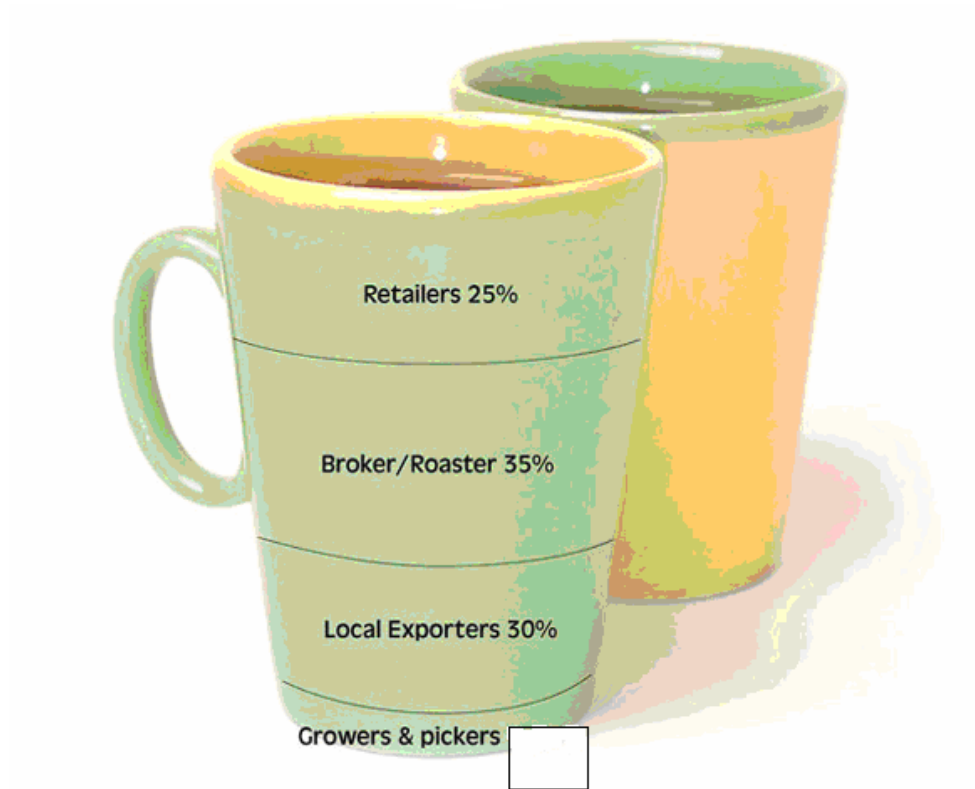
Iron and Steel ☐

Cement factory ☐

Shipbuilding ☐

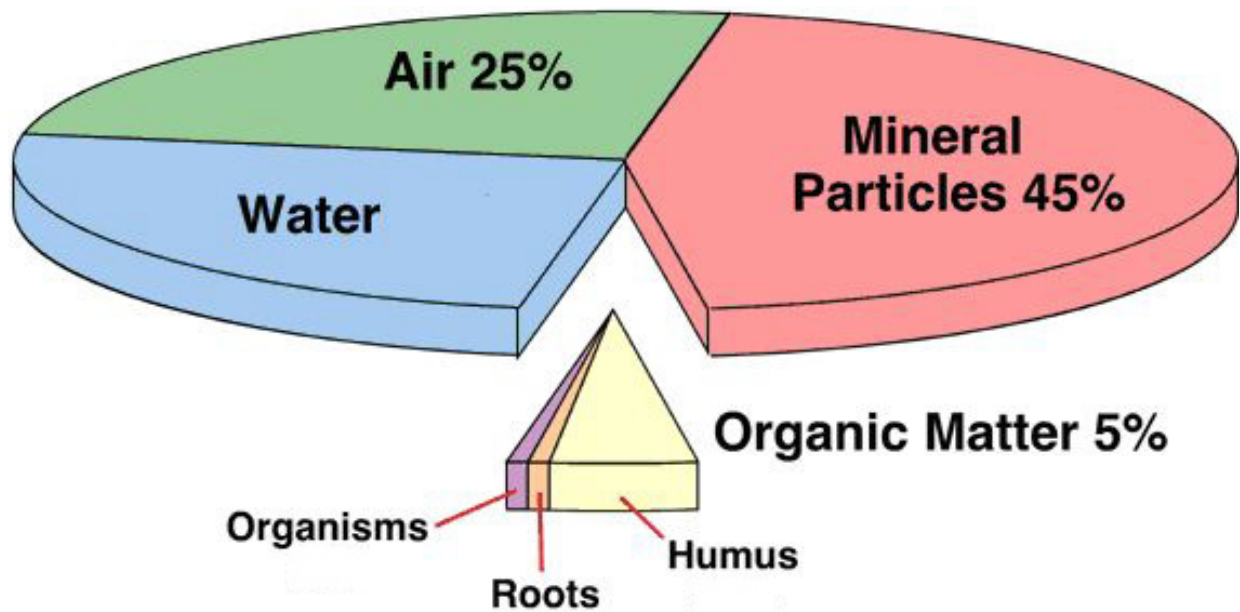
[tick ✓ the correct box]

12. The Coffee Trade



Look at the above diagram and write in the box provided the percentage of the coffee price which goes to **Growers and Pickers**.

13. The Composition of Soil



Look at this graph showing the composition of soil:

The percentage of **water** is:

- | | |
|-----|--------------------------|
| 25% | ☐ |
| 30% | ☐ |
| 35% | ☐ |
| 40% | ☐ |

[tick ✓ the correct box]

14. Ordnance Survey Maps

Lines on Ordnance Survey maps which show **altitude** are called:

- | | |
|----------|--------------------------|
| Isobars | ☐ |
| Contours | ☐ |
| Meanders | ☐ |

[tick ✓ the correct box]

15. Ordnance Survey Map

Look again at the Ordnance Survey extract supplied.

The pattern of settlement along the third class road in grid square **M 37 22** is:

Clustered ☐

Nucleated ☐

Dispersed ☐

Linear or Ribbon ☐

[tick ✓ the correct box]

16. Forest Destruction



www.bbc.co.uk

The trees in this photograph have been destroyed by:

Storms ☐

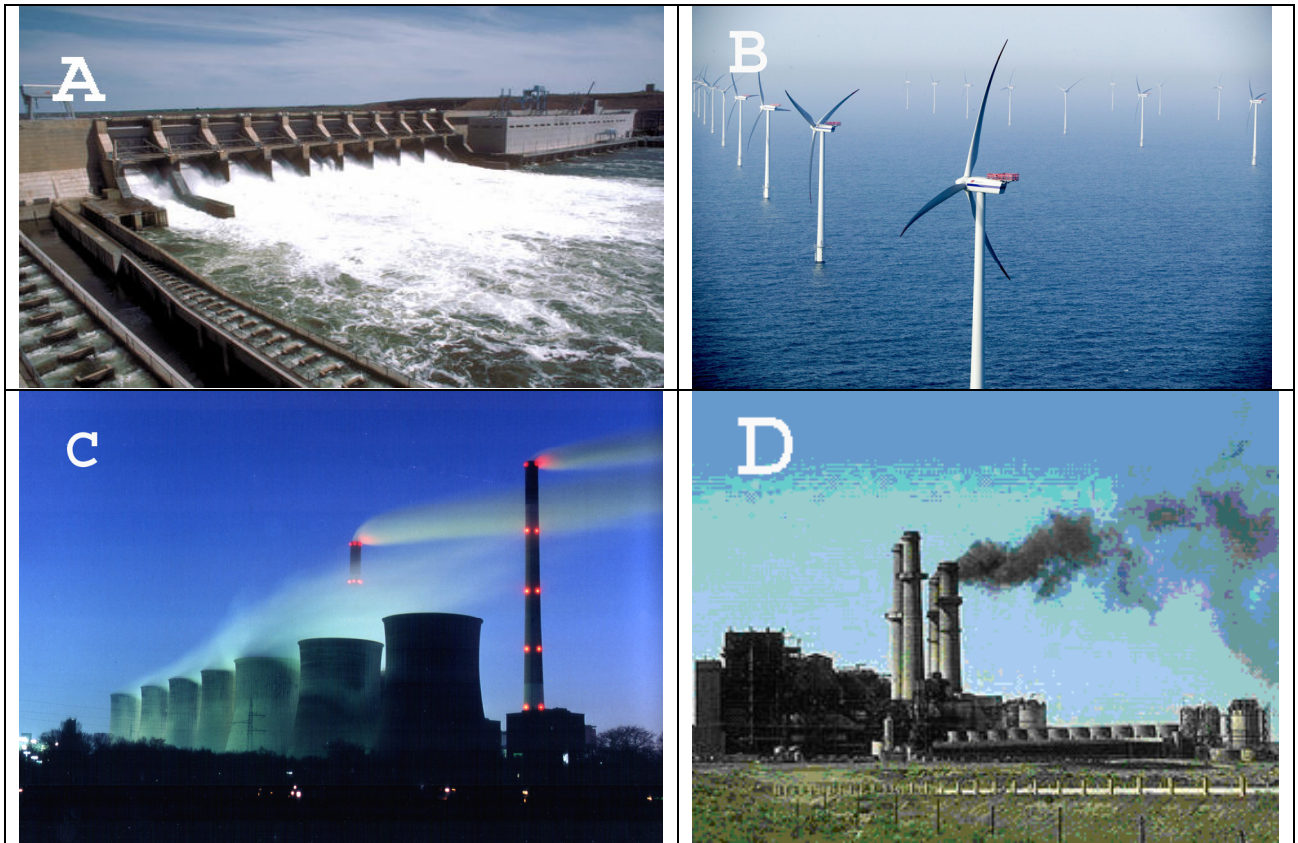
Acid rainfall ☐

Strong sunshine ☐

The Ozone Hole ☐

[tick ✓ the correct box]

17. Energy



Look at these photographs, showing different kinds of energy used in the modern world.

Which two photographs show **renewable energy sources**?:

A and B ☐

B and C ☐

A and D ☐

C and D ☐

[tick ✓ the correct box]

18. Settlement

A **polder** is:

A shanty town in Brazil ☐

An historic fort in Ireland ☐

Reclaimed land in the Netherlands ☐

An overcrowded area in Calcutta ☐

[tick ✓ the correct box]

19. **Aerial Photograph**

Look at the **oblique aerial photograph** of part of Galway city supplied.

Using the correct location reference system below, mark in where you can see a road bridge over a river:

	Left	Centre	Right
Background			
Middleground			
Foreground			

20. **Migration**

People migrate for many reasons, called **push factors** and **pull factors**.

Which of the following is a **push** factor?

Better job prospects ☐

Good housing ☐

War ☐

Better social life ☐

[tick ✓ the correct box]

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