

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, 2011

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.
Otherwise, marks will be lost.

1. VOLCANOES

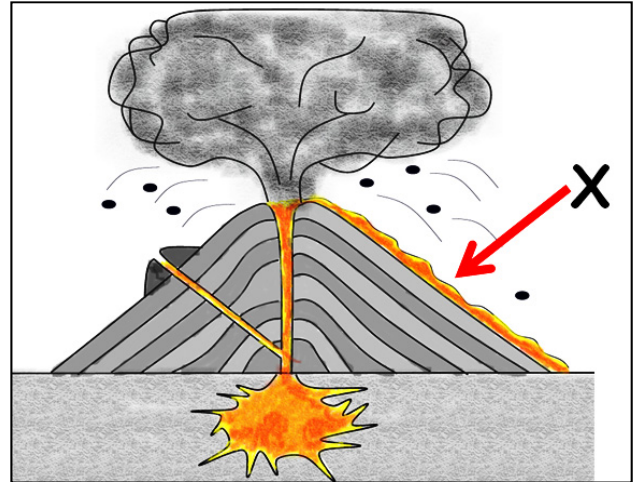
During a volcanic eruption, hot molten rock released on the surface, shown at **X** in this diagram is called:

Magma

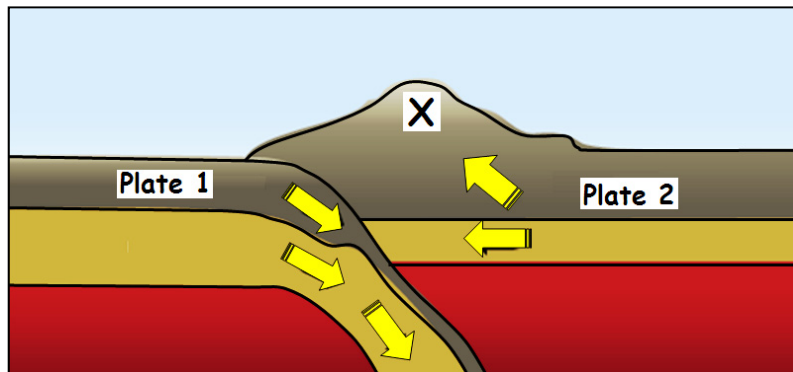
Volcanic ash

Lava

[tick ✓ the correct box]



2. PLATES



The diagram above shows two of the earth's crustal plates colliding.

The feature shown at **X** is:

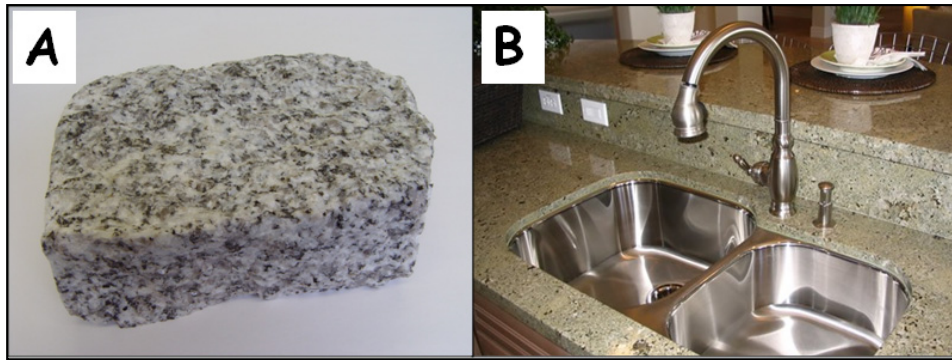
A Mid-Ocean Ridge

A Fold mountain

The Mantle

[tick ✓ the correct box]

3. ROCKS



The rock in photograph **A** is sometimes used to make kitchen worktops, as shown in photograph **B**.

This rock is called:

Limestone

Basalt

Granite

[tick ✓ the correct box]

4. WEATHERING

This photograph shows a limestone pavement in the Burren, Co. Clare.

The feature labelled **X** is called a:

Clint

Grike

Swallow hole



[tick ✓ the correct box]

5. MASS MOVEMENT



The type of mass movement shown in the photograph above is:

A Bog burst

Soil creep

A Landslide

An Avalanche

[tick ✓ the correct box]

6. RIVER FEATURES

Which one of these river features is formed by **erosion**?

Delta

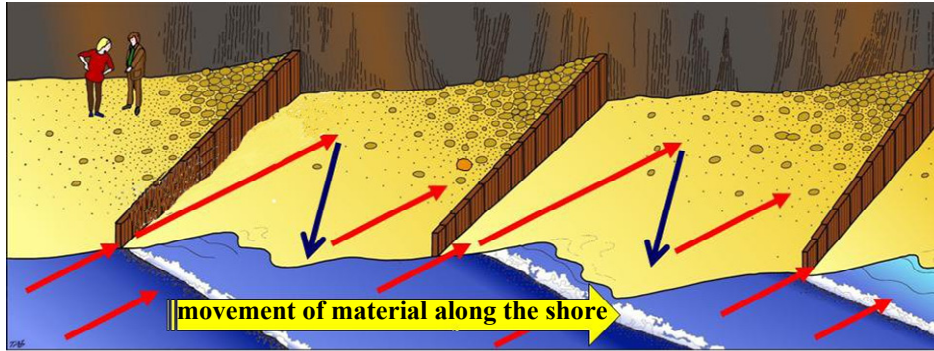
Waterfall

Leveé

[tick ✓ the correct box]

7. ANSWER EITHER 7A OR 7B

7A. COASTAL PROCESSES



The diagram above shows how material is transported along the shore.

This process is called:

- Erosion
- Longshore drift
- Suspension

[tick ✓ the correct box]

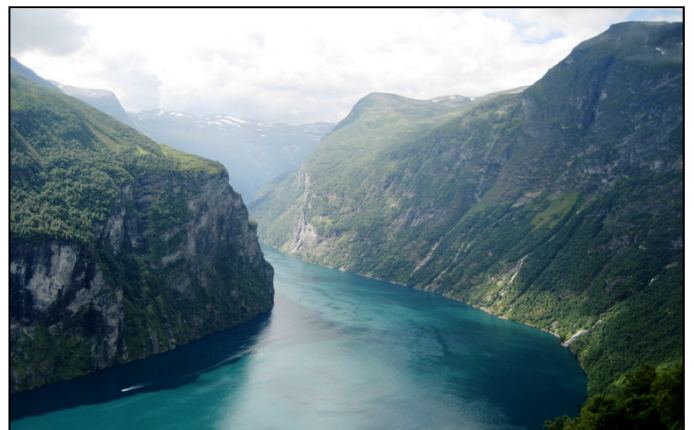
OR

7B. GLACIATION

When the Ice Age ended, the meltwater caused the sea levels to rise, which flooded U-shaped valleys.

The feature shown in this photograph is called a:

- Fiord
- Ria
- Corrie



[tick ✓ the correct box]

8. ANSWER EITHER 8A OR 8B

8A. WEATHER

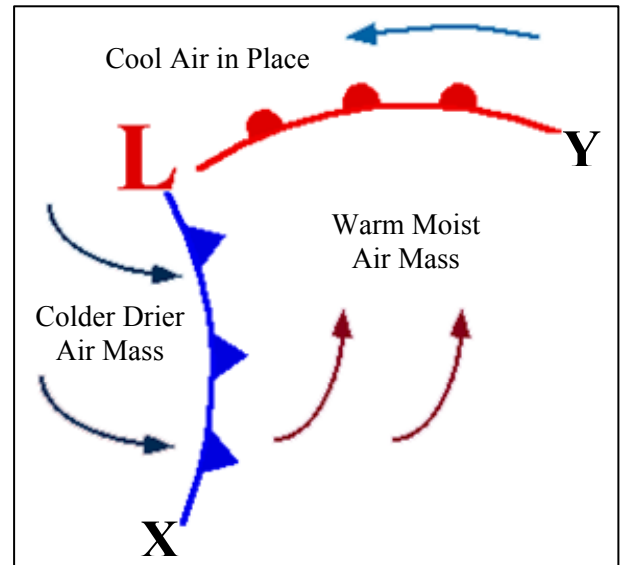
Look carefully at this diagram showing weather fronts.

It shows:

A Warm Front at **X** and a Cold Front at **Y**.

A Cold Front at **X** and a Warm Front at **Y**.

[tick ✓ the correct box]



OR

8B. WEATHER STATION

The weather instrument shown in this photograph measures windspeed.

It is called:

A Wind vane

A Campbell Stokes recorder

An Anemometer

A Stevenson Screen

[tick ✓ the correct box]



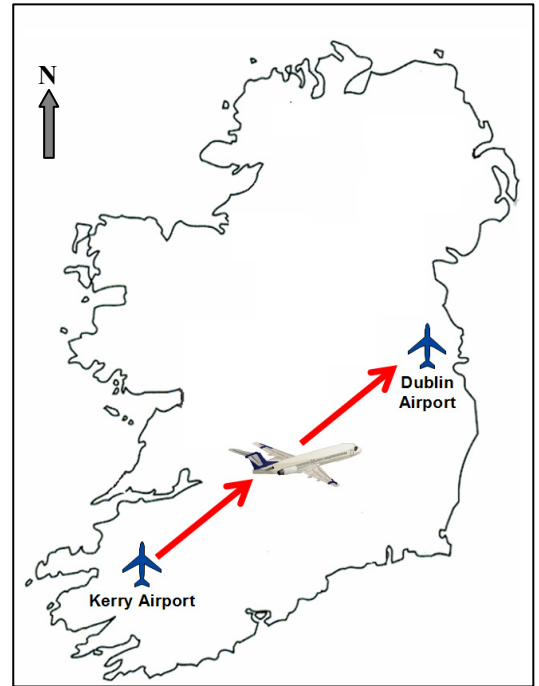
9. ANSWER EITHER 9A OR 9B

9A. COMMUNICATION LINKS

If you travelled by aeroplane from Kerry airport to Dublin airport, in which **direction** would you be travelling?

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

[tick ✓ the correct box]



OR

9B. DISTANCE ON A MAP

Look at the Ordnance Survey map supplied with this paper.

The distance in kilometres, in a straight line (‘as the crow flies’) from the Parking at **V 453 996** to the beach at **V 480 989** is:

- 2.8 kilometres
- 5.6 kilometres
- 11.2 kilometres

[tick ✓ the correct box]

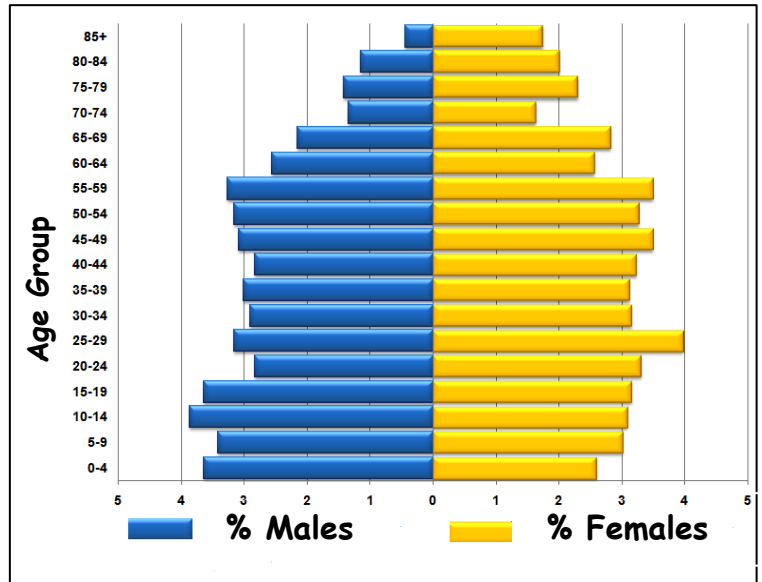
10. ANSWER EITHER 10A OR 10B

10A. POPULATION STUDIES

This pyramid shows the population structure of an Irish town in the 2006 census of population.

What is the percentage population of **females** in the 5 - 9 age group?

- 3%
- 4%
- 5%

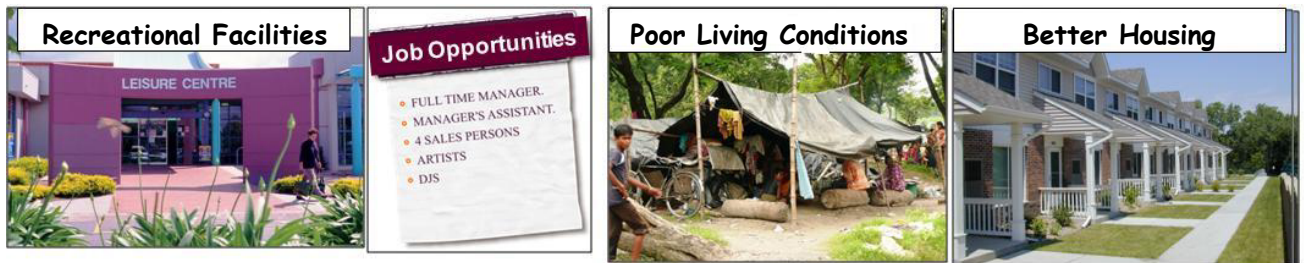


Adapted from CSO Small Area Population Statistics

[tick ✓ the correct box]

OR

10B. PEOPLE ON THE MOVE

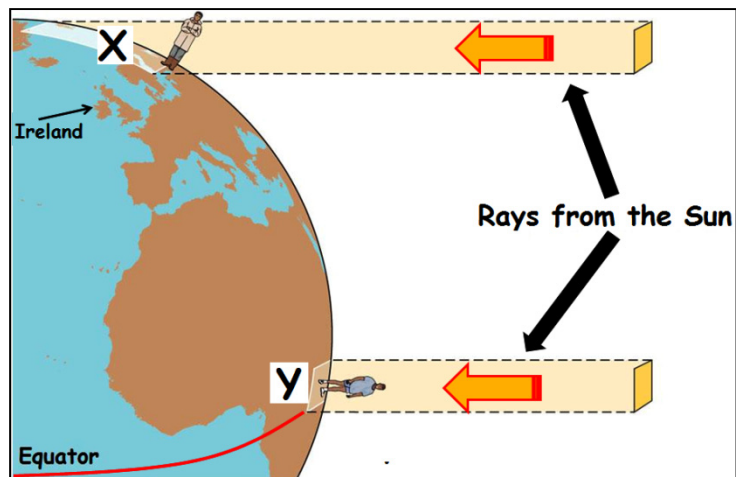


Look at the photographs above. Which one of these factors is most likely to cause people to move away from an area (Push Factor)?

- Good recreational facilities
- Job opportunities
- Poor living conditions
- Better housing

[tick ✓ the correct box]

11. SOLAR ENERGY TO THE EARTH



Study the diagram above showing unequal heating of the earth's surface by the sun.

Which of the following statements is **TRUE**?

Heat from the sun is greatest in the northern hemisphere at **X**.

Heat from the sun is greatest at the Equator at **Y**.

[tick ✓ the correct box]

12. NATURAL VEGETATION

In which climate region / area would you expect to find the type of vegetation shown in the photograph?

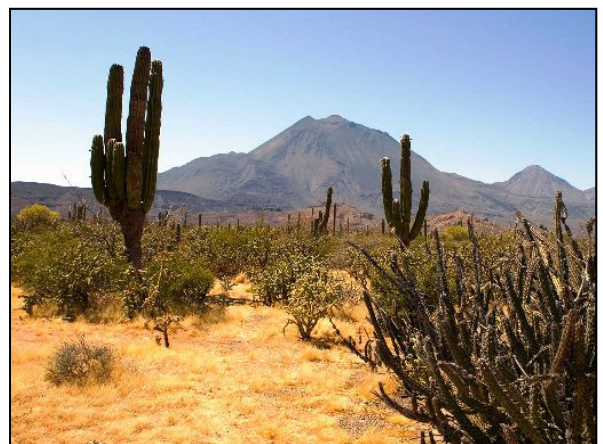
Mediterranean

Hot Desert

Tundra

Cool Temperate Oceanic

[tick ✓ the correct box]



13. ECONOMIC ACTIVITIES



Factory



Gas Rig



Garda

Which of the photographs above shows an example of a primary economic activity?

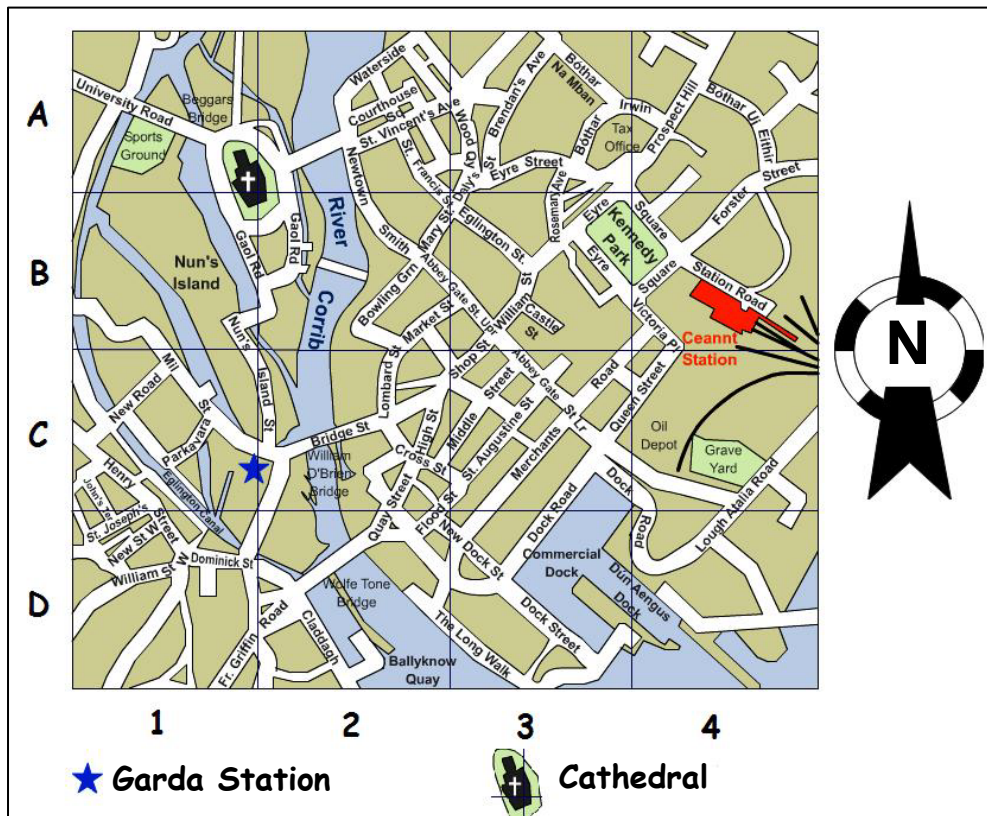
Factory

Gas Rig

Garda

[tick ✓ the correct box]

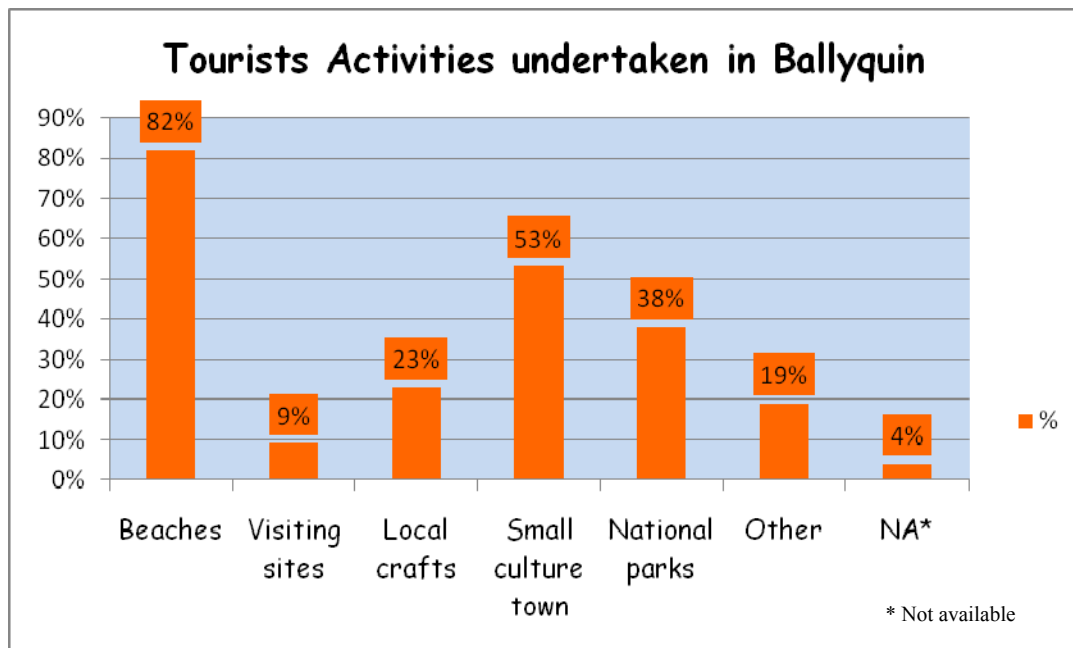
14. STREET MAP LOCATIONS



Look at the street map of Galway city centre above and circle the correct answer in **each** of the statements below.

- An example of a recreational facility in the north-west of the area shown is ***Kennedy Park / the Sports ground***.
- Commercial Dock and Dun Aengus Dock are in the ***north-east / south-east*** of the area shown.
- In the east of the area shown ***Ceannt Station / the River Corrib*** is an example of a transport facility.

15. TOURISM STATISTICS



This chart shows activities undertaken by tourists during their stay in Ballyquin.

Which of the following statements is **TRUE**?

Visits to beaches 53%, visits to national parks 38%

Visits to small culture town 53%, visits to national parks 19%

Visits to beaches 82%, visits to small culture town 53%

[tick ✓ the correct box]

16. AERIAL PHOTOGRAPH

Study the aerial photograph of Dingle/An Daingean provided.

The playing field is located in the:

Left foreground

Right background

Right foreground

[tick ✓ the correct box]

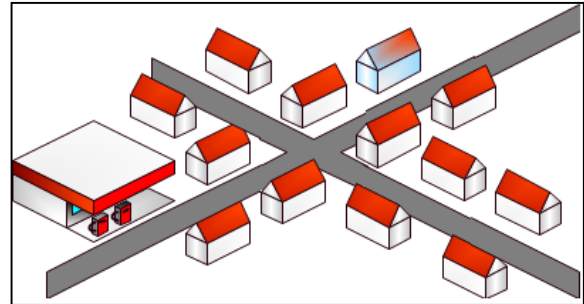
17. SETTLEMENT PATTERNS

The type of settlement pattern shown in this picture is:

Scattered

Nucleated

Historic



[tick ✓ the correct box]

18. GRID REFERENCES

Look at the Ordnance Survey map supplied with this paper.

The service available at grid reference **Q 446 014** is a:

Garda Station

Fire Station

Post Office

Tourist Information Centre

[tick ✓ the correct box]

19. GRID REFERENCES

Look at the Ordnance Survey map supplied with this paper.

What is the grid reference for the Youth Hostel south-east of Dingle/An Daingean?

V 52 99

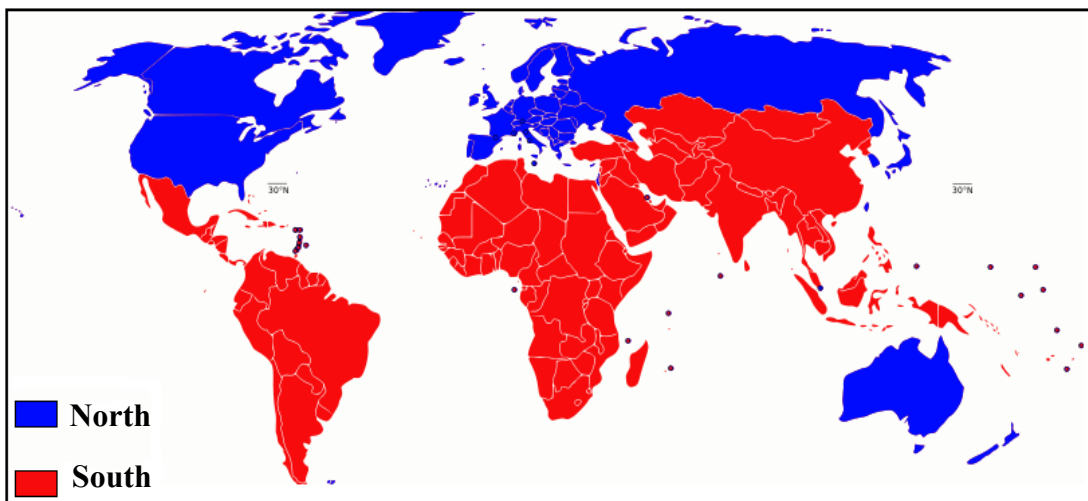
Q 46 00

Q 51 05

Q 47 00

[tick ✓ the correct box]

20. GLOBAL INEQUALITY



There is a general view that the world is divided into ‘the rich North’ and ‘the poor South’.

In the South:

The countries owe very little money to banks

The population is decreasing

Most people work in offices and shops

Many young children die from hunger and disease

[tick ✓ the correct box]

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