

SECTION 2 (90 marks)

Answer any **THREE** questions.

All questions carry equal marks.

Question 1. NATURAL PROCESSES

A. Weathering



Name the type of weathering most associated with the formation of the landscape shown above and explain this type of weathering.

(10)

B. Mass Movement

- (i) Explain how precipitation and gradient influence mass movement.
- (ii) Name **one** type of slow mass movement and describe its effects.

(10)

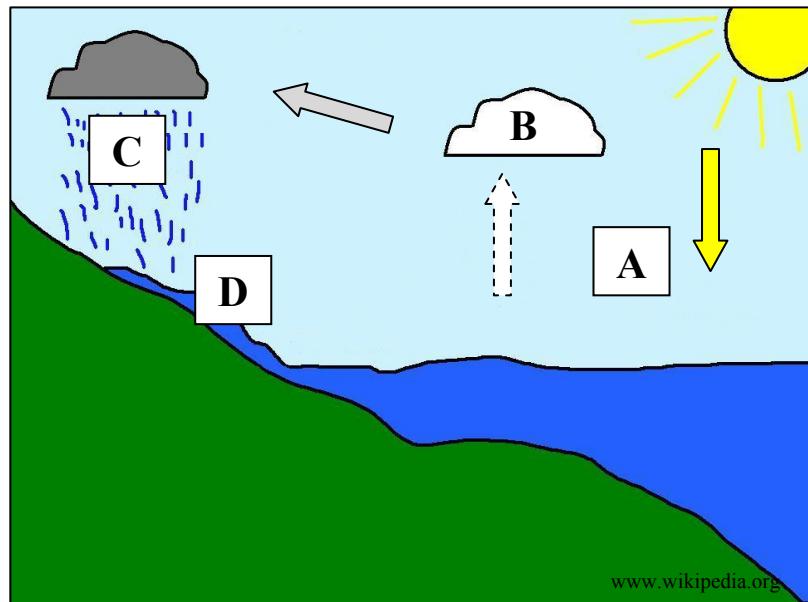
C. River Feature

Name **one** feature formed by **river deposition** and explain with the aid of a labelled diagram, how it was formed.

(10)

Question 2. RESTLESS ATMOSPHERE

A. The Water Cycle



(i) Explain the water cycle with reference to each of the stages labelled **A**, **B**, **C** and **D** in the diagram above.

(ii) Name **two** cloud types.

(10)

B. Climatic Factors

Explain how any **three** of the following factors influence climate:

- Latitude
- Prevailing winds
- Distance from seas and oceans
- Altitude
- Relief.

(12)

C. Greenhouse Effect

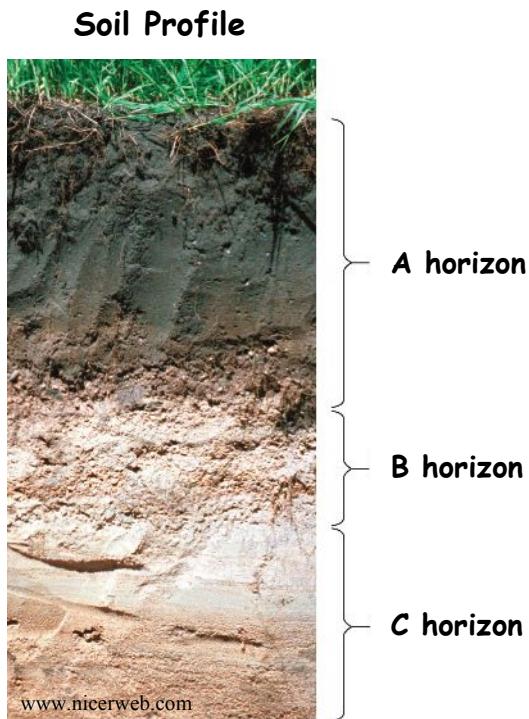
With the aid of a labelled diagram explain the greenhouse effect.

(8)

Question 3. GEOGRAPHICAL MIX

Answer **ANY THREE** of the questions **3A, 3B, 3C, 3D.**

3A. Soils



- (i) Describe and explain the formation of the soil profile shown above.
- (ii) Name **two** soil types commonly found in Ireland.

(10)

3B. Migration

- (i) Name **one** example of organised migration that you have studied.
- (ii) Describe **two** effects of this organised migration on the area to which people migrated.
- (iii) Explain **one** barrier to migration in the present day.

(10)

Question 3. GEOGRAPHICAL MIX (continued)

3C. Tourist Regions



- (i) Choose any **two** of the types of tourist regions illustrated above and name an example of each.
- (ii) Explain why tourists are attracted to **each** of your named examples.

(10)

3D. Exploitation of Peat Bogs



- (i) Describe **two** ways in which technology has aided in the exploitation of peat.
- (ii) Explain **two** reasons why the majority of Bord na Móna's commercial peat production takes place at the raised bogs in the Midlands.

(10)

Question 4. URBANISATION

A. Urbanisation in the Developing World

- (i) Name **one** city in the developing world that you have studied.
- (ii) Explain **two** problems associated with unplanned development in this city.

(10)

B. Urban Functions



Describe any **three** different functions associated with urban settlement(s) along the Rhine River Basin.

(10)

Question 4. URBANISATION (continued)

C. Urban Development



Examine the photograph above and answer the following questions.

- (i) In which of the city zones **A**, **B** or **C** would land values be highest?
- (ii) State **two** reasons why land values are highest in this zone.
- (iii) Describe **two** problems resulting from urban sprawl.

(10)

Question 5. AERIAL PHOTOGRAPH AND ORDNANCE SURVEY MAP

A. Examine the **AERIAL PHOTOGRAPH** supplied with this paper.

Draw a sketch map of the whole area shown on the aerial photograph.

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

- A railway bridge
- A river
- **Two** connecting streets
- A castle.

(10)

B. A number of different economic activities are evident on the **AERIAL PHOTOGRAPH**.

(i) Name and locate using correct terms (right background, etc.) an example of each of the following economic activities:

- Primary
- Secondary
- Tertiary.

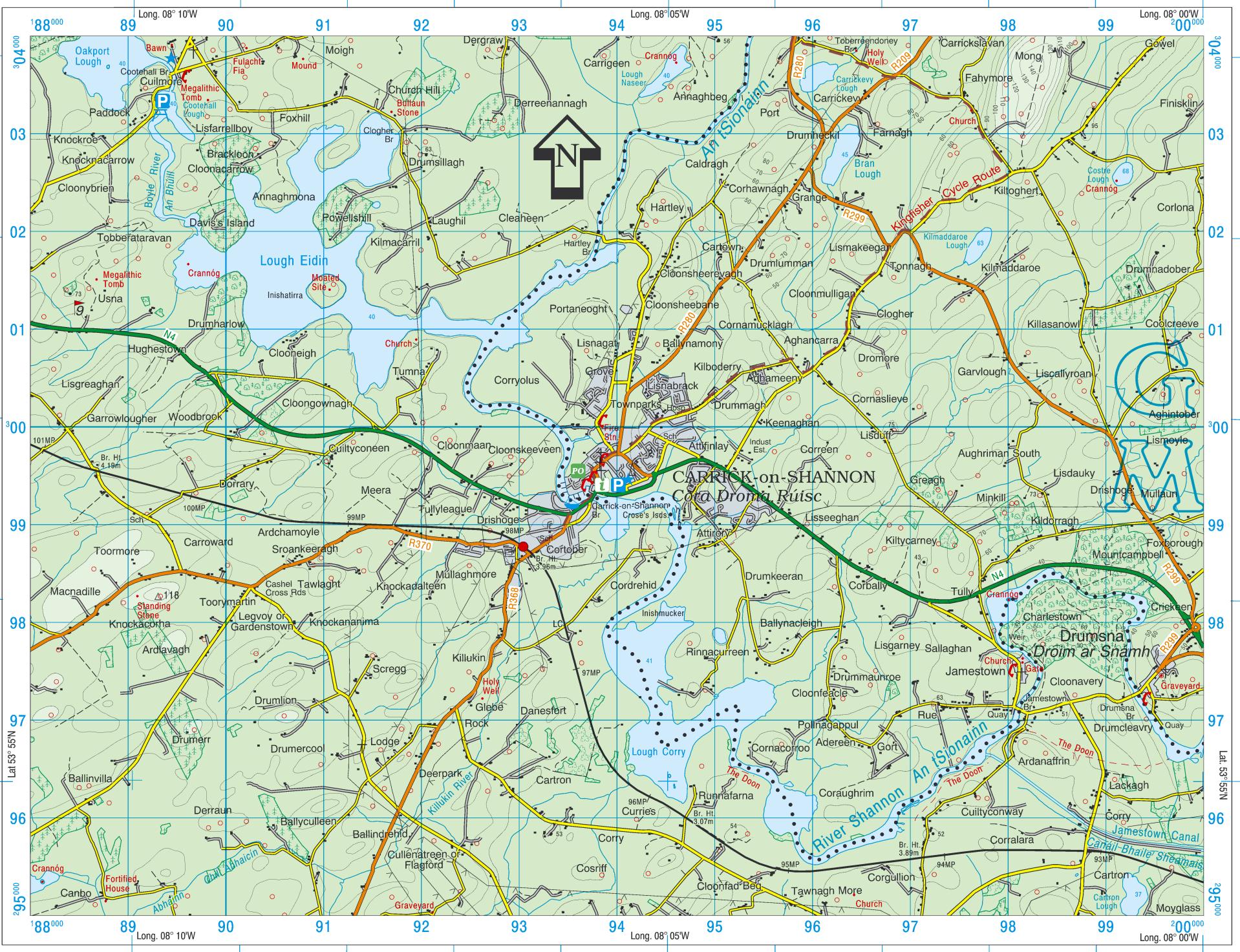
(ii) Choose any **one** of the examples of the economic activities named above and explain **two** reasons why it is at its present location.

(10)

C. Examine the **ORDNANCE SURVEY MAP** supplied with this paper.

Explain **three** reasons for the location of the industrial estate at S 977 419. For each reason include specific evidence from the **ORDNANCE SURVEY MAP** to support your answer.

(10)



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