

GEOGRAPHY

T.S.G.L.

2007

Marking Scheme

SECTION 1 – FOLDER (60 marks)

Number	Answer	Mark	Comment
1	Mantle-B/Core-A/Crust-C	1+1+1	
2	Waterfall	3	
3	Mechanical weathering	3	
4	Lava	3	
5	Igneous	3	
6	Lines of Latitude	3	
*7A	Arch-B/Cave-A/Stack-C	1+1+1	
*7B	Corrie or Cirque	3	
*8A	984 hPa	3	
*8B	The warm front	3	
*9A	North West to South East	3	
*9B	Organised migration	3	
*10A	Increasing quickly	3	
*10B	Average per sq .km.	3	
11	Hot Desert	3	
12	Port	3	
13	King John's ;O'Brien's Colbert station	1+1+1	
14	Leaving the city	3	
15	Salmon are renewable	3	
16	6%	3	
17	Contours	3	
18	Castle	3	
19	Coffee beans	3	
20	Land values increase towards the city centre		

Notes: Q.s 7, 8, 9 & 10 have EITHER/OR options. **Mark both if attempted, but credit only ONE if candidate has both correct.**

Section 2 (90 marks)
 Answer **THREE** questions. All questions carry equal marks.

1. PHYSICAL GEOGRAPHY

A. Rocks can be used in many ways by people.

(i) Name **three** rocks and say how each one can be used. [6]

(i) Three rocks named @ 1m each = 3
 Three uses @ 1m each. = 3

1+1+1 and 1+1+1 Tot. 6

Sample: *Limestone* (1m), *sandstone* (1m), *marble* (1m) for
statues (1m), *buildings* (1m) and *fireplaces* (1m).

Notes:

(ii) Explain why people might object if a quarry to extract rock
 was opened near their home. [4]

(ii) Reason/objection stated = 2m
 Dev./explanation OR
 2nd. reason = 2m

2 + 2 Tot. 4

Sample: *There would be a lot of noise* (2) *from the machines* (2).
It would be very noisy (2) *and dusty* (2) *in the neighbourhood.*

Notes:

Q.1 contd.

B. Rivers

(i) Name one feature of River Erosion.
Draw a diagram of this feature.
Explain how this feature was formed. [6]

(ii) Name one feature of River Deposition.
Draw a diagram of this feature.
Explain how this feature was formed. [6]

(i) & (ii) Two landforms @ 6m each. For each 6 :-
Landform named = 2m.
Diagram = 2m (graded 2/1/0)
How it was formed = 2m (two elements of information @ 1+1)

2 + 2gr.+ 2gr. and 2 + 2 gr.+ 2 gr. Tot. 12.

Samples: *A v-shaped valley/waterfall (2) is caused by erosion (0). The land is worn away (1) by the force of the water (+1). Diagram 2/1/0.*

*A flood plain (2) happens when the river spreads mud (1) in its old age (1)
Diagram 2/1/0.*

If features are not identified as Erosion/Deposition allow if given in print order.

If two features from the same process are given mark both and award the higher scoring feature only.

Accept annotation on diagram for explanation marks if in excess of what is needed to score 2m. on diagram (i.e. credit excess, but don't double mark).

Notes:

Q.1 contd.

Two uses @ 4m.s each.

For each use a statement on the importance = 2m.

Development of st. **or** a second point on importance = 2m

2+2 and 2+2

Tot. 8

Sample: *Hydro-electric power is clean (2) and renewable (2).*

Water is used in factories for cleaning (2) machines (2).

Animals on farms drink water (2+2).

People in cities need water to drink (2) and wash (2).

The river Rhine (2) has lots of ships for transport. (2).

Accept importance of rivers to each of the above OR the importance of items A to E per se. E.G. *Agriculture provides us with meat(2) and milk(2).*

Notes:

A.(i) Correct soil type named *Brown Earth* = 3m.

(ii) Correct soil type named *Peats* = 3m.

3 + 3

Tot. 6

Notes:

Q.2 contd.

(i) Correct % (45%) = 3m

(ii) describe the importance of any THREE of the following in the composition of soil:

Mineral Particles; Air; Water; Plant Remains.

(ii) Three components @ 3m. each

Importance stated = 2m.

Development = +1

2 + 1 : 2 + 1 : 2 + 1

Tot. = 9

Sample: *Air provides oxygen(2) for living things (1);*

Water is soaked up(2) by the roots (1);

Plant remains rot (2) make humus (1);

Mineral particles give food(2) to the plants (1).

Notes;

Q.2 contd.

C. Soil is important in farming. Farms are systems and have **INPUTS**, **PROCESSES** and **OUTPUTS**.

(i) Name **one** input, **one** process and **one** output on a mixed farm which you have studied.

(i) One input, one process & one output @ $2 + 2 + 2 = \text{Tot. } 6$

Sample: *Seeds* (2); *milking* (2); *milk* (2)

Notes:

(ii) Briefly describe **THREE** jobs a farmer does on a mixed farm.

(ii) Each of **three** jobs named @ $1 + 1 + 1$
One development for each @ $1 + 1 + 1$

$1 + 1 : 1 + 1 : 1 + 1 :$

Tot. 6

Sample: *Ploughing* (1) *in the Spring* (1),

Setting (1) *the barley* (1), BUT **setting crops = 1 + 0**

Shearing (1) *the sheep* (1).

Milking (1) *cows* (1) BUT **milking the animals = 1 + 0.**

Notes:

Feature	Show	Identify	Five items (taking connecting roads as one) @ 1 + 1 each = 10. Symbols must be identified to get mark. Frame must be in proportion to merit + 1.
river	1	1	
bridge	1	1	
Two roads	1	1	
A church	1	1	
A car park	1	1	
Frame	1 + 1		Tot. 12.
Total	12		

[Tracings: Mark according to scheme, then halve, rounding upwards].

Notes:

Q.3 contd.

- B. Choose and clearly identify a place on the photograph where you would like to live. Give three reasons for your answer using as much detail as possible from the photograph. [10]

Place identified = 2m.
Three reasons @ 2 + 1, 2 + 1 and 1 + 1.
1st reason named = 2, Development + 1
2nd. = 2, Development + 1
3rd. = **1, Development + 1**

2 & 2 + 1, 2 + 1, 1 + 1.

Tot. 10.

Sample: *Right background (2). It is near the river (2) for a view (1). There are fields nearby (2) for playing (1). It is near the town (1) for shopping (1).*

Notes:

- C. (i) At what time of year was this picture taken? [2]

Any season named = 2m

- (ii) Using evidence from the photo, give one reason for your answer. [2]

One reason stated = 2m

Sample: *Autumn (2) as the leaves are changing colour (2).*

- (iii) Using evidence from the photograph name and locate **two** services available in Drogheda. [4]

TWO service named @ 1 + 1 and 1 + 1 = Total 4

Sample: *School (1) in left background (1); Religion (1) in the church (0)*
Correct terms for location must be used in this part of the question.

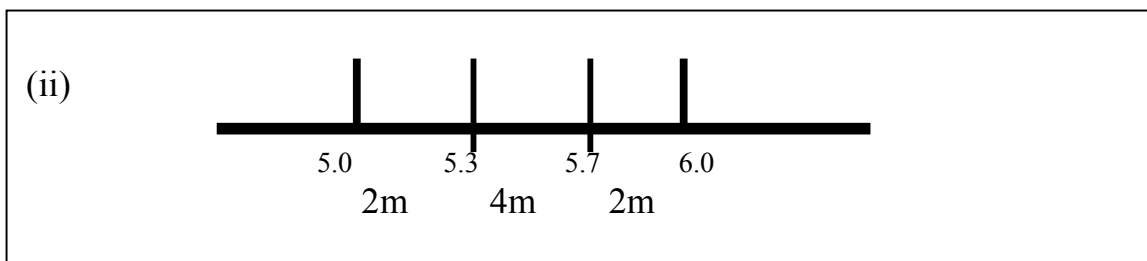
Notes:

Feature	Shown	Identified	Five items shown and named @ 1 + 1 each. Symbols must be identified to merit mark for same. Frame must be in proportion i.e. landscape to merit + 1.
Major river	1	1	
Drogheda built-up area	1	1	
Motorway	1	1	
Beach	1	1	
Golf course	1	1	
frame	1 + 1		
Total:	12		

Notes:

Each of two reasons stated	= 2m	
Each reason developed = 1m.		
2 + 1 and 2 + 1		= Total 6

Sample: (i) *Because of the roads (2) such as the R152 (1); It has a railway station (2) at O 099 748 (1).*



(ii) 5.3 to 5.7 = 4m.; 5.0 - < 5.3 and >5.7 - 6.0 = 2m.

Q.4 contd.

C. It has been suggested that a shopping centre should be built near the roundabout at O 065 767. Describe ONE advantage and ONE disadvantage of building a shopping centre at this location.

One advantage named = 2m. Development = 2m.	
One disadvantage named = 2m. Development = 2m.	
2 + 2 and 2 + 2	Tot. 8m.

Sample: *There is a road nearby(2) so people could get there easily (2).*

It is too far away from the town(2) and people could not walk (2).

Notes : Accept advantages and disadvantages of the site for the shopping centre itself **and/or** for the people in the area.

(i) Two countries named (Japan, China) @ 2m. each.
Country which suffered tsunami (Indonesia) = 2m.

(ii) Describe **two** results of an earthquake hitting a large city. [4]

Two results @ 2m each. Result name = 1m, development = +1
1 + 1 and 1 + 1 = Total 4

Sample: *Buildings fall (1) and people die (1); a tsunami (1)drowns cities (1).*

Notes:

(i) Name industry = 2m.

(ii) Example of input/process/output @ 2 + 2 + 2

Sample: (i) *Irish Cement* (2m.)

(ii) *Limestone* (2m); *Heating mix* (2m); *Cement* (2m).

(iii) What is an **Industrial Estate**?

Definition/Statement = 1m

Development = + 1

Sample : *An area set aside especially* (1) *for factories* (1).

A place outside the town (1) *for factories* (1).

Factories are all together(1) *like the Bridgetown ind. est.* (1).

Notes:

Q.5 Contd.

C. **RICH WORLD – POOR WORLD.**

(i) Explain **two** of the following terms:

Exploitation **Cash Crop** **Bilateral Aid**
Emergency Aid **Development Aid**

(i) Each of two explained @ 3m each, divided as follows:
Statement = 2, development = + 1

Sample:(i)*Exploitation: Rich countries pay low prices (2) to poorer ones (1);*
Cash crops: coffee (2) grown for sale (1);
Bilateral Aid: One country giving aid (2) to another poorer one (1);
Emergency Aid: Food (2) sent to relieve famine (1);
Development Aid: sinking wells (1) to grow crops (1).

Notes:

(ii) Two reasons @ 2m each. Each reason stated = 1m
Development = + 1
1 + 1 and 1 + 1 = Tot. 4

(ii) *Their crops have failed (1). They are starving (1).*
Because of war(1) they can't grow food (1).

Notes:

(i) County named	= 2	<i>Galway</i>	
(ii) Increase	= 2	<i>5389</i>	
(iii) County named	= 2	<i>Leitrim</i>	$2 + 2 + 2 = \text{Tot. } 6$

Two reasons @ 2m ea. Each reason stated = 1m	
Each reason developed = + 1	
1+ 1 and 1 + 1	= Tot 4

Sample : *For jobs (1) in factories (1). Young people go (1) for social life (1).*

Notes: