T . S . G . L . S.27 M.

GEOGRAPHY.

2001.

SECTION 1 (60 marks) Answer all (20) questions	**S.27M**

Note Do not double credit Q s 4, 8, 9 or 20

Q No Notes	Correct answer			Mk
Q 1	granite	3		
Q 2	wind vane	3		
Q 3	Labrador	3		
Q 4a **Or**	washing down of minerals by water	3		
Q 4b	northern coniferous forest	3		
Q 5	crater or vent	3		
Q 6	bringing water to dry land	3		
Q 7	burning fossil fuels	3		
Q 8a **Or**	drumlin	3		
Q 8b	spit or alluvium	3		
Q 9	Teaching	3		
Q10a **OR**	15 Degrees C	3		
Q10b	Mediterranean	3		
Q 11	mixed farming	3		
Q 12	Low Birth Rate/Low Death Rate	3		
Q 13	at the city centre	3		
Q 14	cereals	3		
Q 15	Developing countries	3		
Q 16	Emergency aid	3		
Q 17	Ethiopia	3		
Q 18	Pre Christian	3		
Q 19	contours	3		
Q 20a **Or** Q 20b	C B D West	3		

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

1. RIVERS.

A Explain how WATEFALLS OR OX-BOW LAKES
are formed   [6]

Three points of information @ 2 mk s each
Accept process or processes named and/or
explained, accept relevant features named
stages, sequence of events, time etc
                                        Total = 6

Notes. e g *caused by erosion = 2 and deposition = 2 at meander = 2*

B (i) Name and describe TWO ways rivers are used by people

```
TWO ways @ 4 marks each
Each way NAMED = 3 mk s
Description/example/extia info  = 1 1
i e 3+1  and  3+1              Total  8
```

Notes e g. *transport* = 3, *on river Rhine* = 1

(ii) Name and describe ONE way rivers cause problems for people

```
ONE way @ 4 marks
Way named = 3 mk s
Description/example/extra info  = + 1 Total = 4
```

Notes e g *flooding* = 3, *so houses are ruined* = 1

$$[12]$$

C With the help of the following words explain how a RIVER is part of the water cycle

* evaporation   * condensation
* precipitation   * rivei   [12]

```
Four points of info  @ 3m each

Accept more than one point on any of
the headings given BUT at least TWO
headings must be used to get full
marks
3 + 3 + 3 + 3              Total = 12
```

2. A GEOGRAPHICAL MIX

Answer any THREE of the questions A, B, C, D.
A. TOURISM

'Climate attracts Irish people to tourist areas in many European countries for their holidays '

(i)   Name **ONE** such tourist area you have studied
(ii)   Explain why the climate attracts tourists
(iii)   Give ONE other reason why the area you have chosen is important
       for tourism   [10]

> (i)   area named = 3 mk s
>
> (ii) Explanation ie Climate = 4mk s
>   Statement = 3m   Dev +1m
>
> (iii)'Other' reason stated = 3mk s
>   Total = 10

Notes e g (i) *Spain = 3*, (ii) *sunny = 3, so you can = + 1*. (iii) *scenery= 3*

B. TRAFFIC CONGESTION.

(i)   Give TWO reasons why traffic congestion happens so often in
       our towns and cities
(ii)   Briefly describe TWO methods which have been used to ease
       such congestion   [10]

> (i)Two reasons for congestion stated
>   'a 2mk s each,
> (ii) Two solutions a) 3 mk s each as follows
> Method stated = 2mk s
> Development/example = + 1 mk
>
>   Total = 10

Notes e g (i) *increase in car numbers = 2, narrow roads = 2*
(iii)   *widen roads = 2, to handle more cars = 1*
       use ring roads = 2 like the one round Limerick = 1

C. POPULATION DENSITY

Choose a European country you have studied (for example Ireland,
Sweden, Italy)
Name **ONE** area where a lot of people live and
name **ONE** area where not many people live
Describe **TWO** reasons why more people live in one area than the other
[10]

Each of TWO areas named = 2 mk s each
Each of TWO reasons @ 3 mk s each,
as follows Reason stated = 2m Dev +1m

Total = 10

Notes *Dublin   2, West   2, Dublin has jobs   2 in offices   1*
      People come to Dublin for education -2 e g. Trinity   1

D. THE DEVELOPING WORLD

Imagine you are on a visit to an African village with an aid agency
such as GOAL
Write a letter to a friend and in it briefly describe **FIVE** things that
are different from home   [10]

Five differences given @ 2mk s each

Total 10

Notes e g *poor houses* = 2mk.s, *different language* = 2 mk.s, *skin colour*
      = 2 mk s, *little food* = 2 mk s, *no clean water* = 2 mk s

3. Read the newspaper heading and answer the questions below

> **'OVER 50 KILLED AS LANDSLIDE HITS SHANTY TOWN IN INDIA'**

A What is a landslide ? Explain how it happens   [8]

> Four points of information @ 2 mk s each
> Points may be descriptive and /or explanatory
> Accept actual example as one point
>   Total = 8

Notes. e g *mud stones* = 2, *move quickly* = 2 *down mountainside* =2
due to earthquake = 2

B (i) Describe **THREE** ways in which shanty towns are different from other towns

   (ii)   Explain briefly why so many people would be killed in a landslide in a shanty town   [12]

> (i)   Three differences @ 3 mk s each
>   Each difference named = 3
> (ii)   Explanation = 3 mk s
>   Explanation stated – 2 mk s
>   Dev OR another explanation stated = + 1
>   Total = 12

Notes e g (i) *poor houses* = 3, *disease* =3, *bad water* =3.
     (ii) *over crowded* = 2, *buildings very weak* = 1

C ❽ The population of a shanty town is high because people
migrate (move) to it from the countryside
Explain why such people leave the country areas and why they are
attracted to towns [10]

> Reasons for leaving country = 5mk s
> Expect two points of information @ 3 + 2
> Points may be separate or the second may be a
> development of the first
>
> Reasons for coming to town = 5 mk s
> Expect two points @ 3 + 2
> Points may separate or second may be a
> development of the first
>
> Total = 10

Notes e g no jobs in rural = 3, not attractive to factories = 2
Better social life = 3 clubs = 2

4. PEOPLE AND PLACES.

A.

Nowadays many people move or migrate from country (rural) areas to live in towns and cities (urban areas) Name and explain **THREE** different reasons why people move to cities and towns to live [12]

Three reasons @ 4mk s each
Each 4 divided as follows
Statement = 3, dev +1

Total = 12

Notes e g *social life   3, more night life   1,*
better services   3, hospitals   1,
jobs   3, in factories ı 1

B Imagine it is suggested to build a new shopping centre at the site of the timber yard in the centre foreground of the photograph

(i)   Explain **ONE** reason why some people might be in favour of **this** site

(ii)   Explain **ONE** reason why some people might be against **this** site
[10]

Reason FOR stated = 3mk s
Dev of point   = +2
Reason AGAINST stated = 3mk s
Dev of point   = +2

Total = 10

Notes . eg FOR   *lots of room* =3 , *for parking* = 2
AGAINST   *more traffic* = 3, *dangerous* = 2

C   In summer many people leave towns and cities and go to the
    countryside for their holidays Describe TWO reasons why
    people go to the countryside for their holidays

[8]

> Each of two reasons @ 4 mk s each
> Total 8

Notes e g *outdoor activities* 4. *fresh air health* 4

5. TOWNS.

A List FOUR services which are usually provided in the built up area
of a large town for the people who live there   [8]

> Four services @ 2 + 2 + 2 + 2
>   Total = 8

Notes e g church = 2, education = 2, Garda Station = 2, health   2

B New factories are often built at the edge of a town. Name and
explain THREE advantages for factory owners in building at the
edge of a large town

[12]

> Three reasons @ 4 mk s each
> Each reason named = 3 mk s
> Development   = +1
>   Total = 12

Notes e g good transport = 3, to bring goods to market = 1
       Labour supply 3, not far to travel, banks 3, to cash cheques   1

C Describe ONE reason why it is a good idea to build a town beside a
river
Describe ONE reason why it is NOT good idea to build a town
beside a river where there are meanders.   [10]

> Reason FOR = 5 mk s St = 3mk s, Dev − 2mk s
> Reason AGAINST building = 5 mk s
> St = 3 mk s, Dev = 2 mk s
>   Total = 10

Notes e g water supply   3. for domestic use   2
       Flood danger   3. buildings ruined   1 2

Confidential to Mr Jon Murphy.

T . S . G . L .
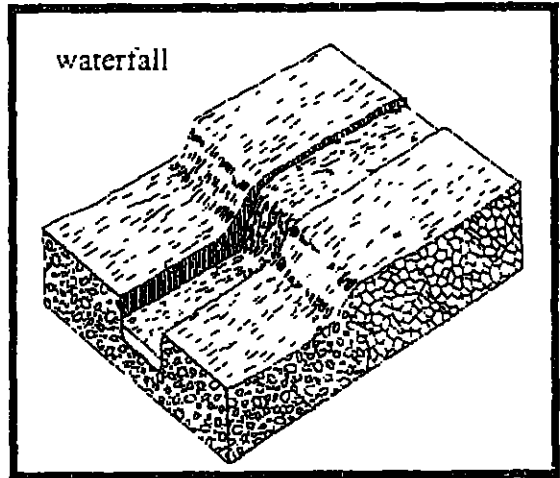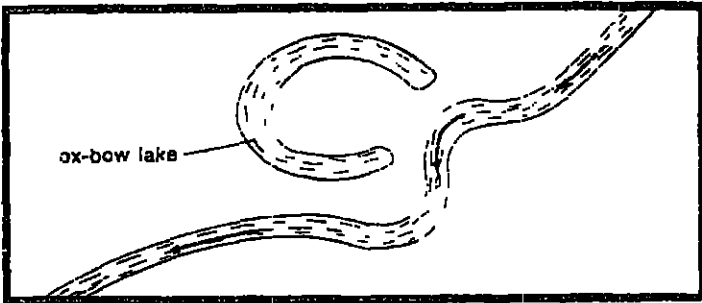
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Q 7	burning fossil fuels	3		
Q.8a. Or	drumlin	3		
* Q 8b.	spit or alluvium	3		
Q 9a Or	hot summers, most rain in winter	3		
Q 9b	Mediterranean	3		
Q 10	teaching	3		
Q 11	mixed farming	3		
Q 12	developing country			
Q 13	at the city centre	3		
Q 14	hay	3		
Q 15	Nigerian tin/Chilean copper	3		
Q 16	countries depend on each other	3		
Q 17	2,400 calories	3		
Q 18	N 948 873	3		
Q 19	184 metres	3		
Q 20a *OrQ 20b	it is flat low-lying marshy north or north west	3 3		

1. RIVERS.

waterfall

ox-bow lake

A Using one of the diagrams above, explain how waterfalls OR Ox-bow lakes are formed '6]

Three elements of information @ 2 - 2 - 2
Accept process or processes named and /or explained,
river stages given. sequence of events suggested.
additional information given by way of diagram or
any combination of these   Total = 6

Notes e g caused by erosion = 2 and deposition - 2 at meander   2

B (i) Name and describe TWO ways rivers are used by people

```
TWO ways @ 4 marks each
Each way NAMED - 3 mks
Description example extra info  - + 1
i e 3 1  and  3 1              Total = 8
```

Notes e g *transport 3 on river Rhine*   1

(ii) Name and describe ONE way rivers cause problems for people

```
ONE way @ - marks
Way named    3 mks
Description example extra into  - + 1   Total - 4
```

Notes e g *flooding - 3, so houses are ruined* + 1

[12]

C Look at the O S map and legend (key) provided
   Draw a sketch map of the area shown on the map
   Mark on and identify
   - the River Dee   - a named tributary of the River Dee
   - the loss   a station - a castle near the river
   - a main road   a bridge which crosses the River Dee
   (Make sure you include a name title heading and direction arrow [12]

```
| 5 items requested @ 2m each          |   | Ri '-'      |
| item shown  1m                       |   | Tr '-'      |
| Item named  - 1m  _ _ _ _            |   | Tn '-'      |
| frame  1m  |_          0m            |   | L ' '       |
| Title  1m                            |   | B ' '-'     |
| Direction  1m                        |   | Fr '  '     |
| Max. = 12                            |   | Di '  '     |
```

2. A GEOGRAPHICAL MIX

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A. TOURISM

'Climate attracts Irish people to tourist areas in many European countries for their holidays '

(i)   Name ONE such tourist area you have studied

(ii)   Explain why the climate attracts tourists

(iii)   Give ONE other reason why the area you have chosen is important for tourism   [10]

(i)   area named = 3 mk s

(ii) Explanation re Climate = 4mk s
        Statement = 3m Dev -1m

(iii)'Other' reason stated = 3mk s
                            Total = 10

Notes e g (i) Spain = 3. (ii) sunny = 3, so you tan = + 1. (iii) scenery = 3

B. TRAFFIC CONGESTION.

(i)   Give TWO reasons why traffic congestion happens so often in our towns and cities

(ii)   Briefly describe TWO methods which have been used to ease such congestion   [10]

(i)Two reasons for congestion stated
        @ 2mk s each.
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Method stated = 2mk s
Development example - + 1 mk

                Total = 10

Notes e g (i) increase in car numbers = 2. narrow roads = 2
(ii)   widen roads = 2. to handle more cars = 1
        use ring roads = 2 like the one round Limerick = 1

C. POPULATION DENSITY

Chose a European country you have studied (for example Ireland, Sweden, Italy)

(i)   Name the country you have chosen
(ii) Name ONE part of it that is heavily populated
(iii) Name ONE part of it that is lightly populated
(iv) Explain TWO reasons why the heavily populated area has more
      people than the lightly populated area   [10]

```
(i)     Country named = 2 mk s
(ii)    Heavily pop part named = 2 mk s
(iii)   Lightly pop part named = 2 mk s
(iv)    Two reasons @ 2 mk s each,
        Each reason stated = 1. dev – 1
                                    Total – 10
```

Notes e g (i) *Ireland* = 2m, (ii) *Dublin* = 2 mk s, (iii) *West* = 2 mk s
          (iv) *more jobs* = 1 mk , *in offices* = + 1 mk
          more services = 1 mk *such as colleges* = +1

D. THE DEVELOPING WORLD

Imagine you are on a visit to an African village with an aid agency
such as GOAL
Write a letter to a friend and in it briefly describe FIVE things that
are different from home   [10]

```
Five differences given @ 2mk s each

                    Total 10
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Notes e g *poor houses* – 2mk s, *different language* – 2 mk s, *skin colour*
         = 2 mk s, *little food* = 2 mk s, *no clean water* – 2 mk s

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> Explanation stated = 3 mk s
> Dev OR another explanation stated = + 1
> Total = 12

Notes e g (i) *poor houses* = 3, *made of tin* = 1, *disease* =3, *had water* =1
(ii) *over crowded* = 3, *buildings very weak* = 1

C 🔞 The population of a shanty town is high because people
migrate (move) to it from the countryside
Explain why such people leave the country areas and why they are
attracted to towns   [10]

> Reason/s for leaving country = 5mk s
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> development of the first
>
> Reasons for coming to town = 5 mk s
> Expect two points @ 3 + 2
> Points may separate or second may be a
> development of the first
>   Total = 10

Notes e g no jobs in rural = 3. not attractive to factories = 2
Better social life = 3, clubs = 2

4. AERIAL PHOTOGRAPH

Study the photograph of Ardee

A   Draw a sketch map of the whole area shown on the photograph
Mark on and identify
- two connecting roads   - a church - a row of houses
- a group of trees   - a castle   [12]

```
5 items @ 2 mk s each = 10
Item shown = 1, named = + 1
Note if item NOT shown NO mark
      for giving name
      two roads essential for mk

Frame = 2 [  ]
                        Total = 12
```

```
2rds = 1+1
Ch = 1+1
Hs = 1+ 1
Tr = 1+ 1
Cs = 1+1
Fr = 2
_____
Tot = 12
```

Notes

B   Imagine it is suggested to build a new shopping centre at the site
of the timber yard in the centre foreground of the photograph
(i)   Explain ONE reason why some people might be in favour of **this site**

(ii)   Explain ONE reason why some people might be against **this site**
[10]

```
Reason FOR stated = 3mk s
Dev of point       = +2
Reason AGAINST stated = 3mk s
Dev of point       = +2
                        Total = 10
```

Notes . eg FOR *lots of room* =3 , *for parking* = 2
        AGAINST *more traffic* = 3, *dangerous* = 2

C (i) At what time of the year was this picture taken ?

(ii) Using evidence from the photograph, give ONE reason for your answer

[8]

| Season named = 4 mk s |
| One reason stated = 4 mk s |
| Total 8 |

Notes e g (i) Summer = 4, (ii) colour of fields = 4

5. ORDNANCE SURVEY

Look at the Ordnance Survey map legend (key) provided

A Using the legend (key) supplied, from within the built up area of Ardee - N 96 90, list THREE services which are provided.

> Three services @ 3 - 3 + 3
>   Total = 9

Notes e g church = 3, education = 3, Garda Station = 3

B It has been decided to build a factory at N 958 917, near the junction of the N2 and R 171 roads
Using information from the map explain TWO reasons for this choice of site   [10]

> Two reasons @ 5 mk s each
> Each reason named = 3 mk s
> Development   = +2
>   Total = 10

Notes e g good transport = 3, to bring goods to market = 2
          Near town = 3 , for labour workers = 2.

C Compared with other areas shown on the map, there are less houses around the River Dee between N 98 91 and O 01 91 Using information from the map explain TWO reasons why this area has a lower population

> "Flooding' or equivalent = 5 mk s
> Two impacts of floods re low population @ 3m each   OR
> One impact and one technical reference @ 3 - 3
>   Total = 11

Notes e g The area gets flooded = 5, houses would be ruined = 3
          No roads are built there either = 3 It's a flood plain (3)