

SECTION 1 (60 marks)

Answer **ALL** questions.
You have a choice within three questions.
Be sure to return this folder with your answer book.
Otherwise, you will lose marks.

1. WEATHERING



The photograph above shows limestone rock that has been weathered.

Circle the correct answer in each of the following statements.

- (i) This area of weathered limestone is called a ***limestone pavement*** / ***limestone cave***.
- (ii) This feature was formed by ***mechanical weathering*** / ***chemical weathering***.
- (iii) An example of this feature can be found in ***the Burren*** / ***the Giant's Causeway***.

2. ROCKS

Igneous, Sedimentary and Metamorphic are the main rock-groups.

Complete each of the following sentences by inserting the correct rock-group.

- (i) Rocks formed as a result of great heat or pressure are known as _____.
- (ii) Rocks formed from cooled molten volcanic material are known as _____.
- (iii) Rocks formed from compressed remains of animals, plants or other rock materials are known as _____.

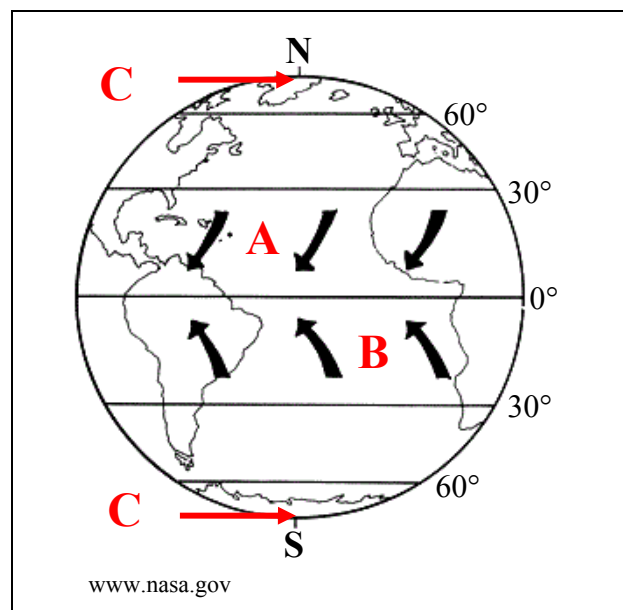
3. RIVERS

Complete each of the following sentences by using the correct term from the table below.

Tributary	Confluence	Estuary
Source	River basin	Watershed

- (i) The area drained by a river and its tributaries is known as the _____.
- (ii) The place where a tributary joins the main river is known as the _____.
- (iii) The tidal mouth of a river is known as the _____.

4. GLOBAL PATTERNS

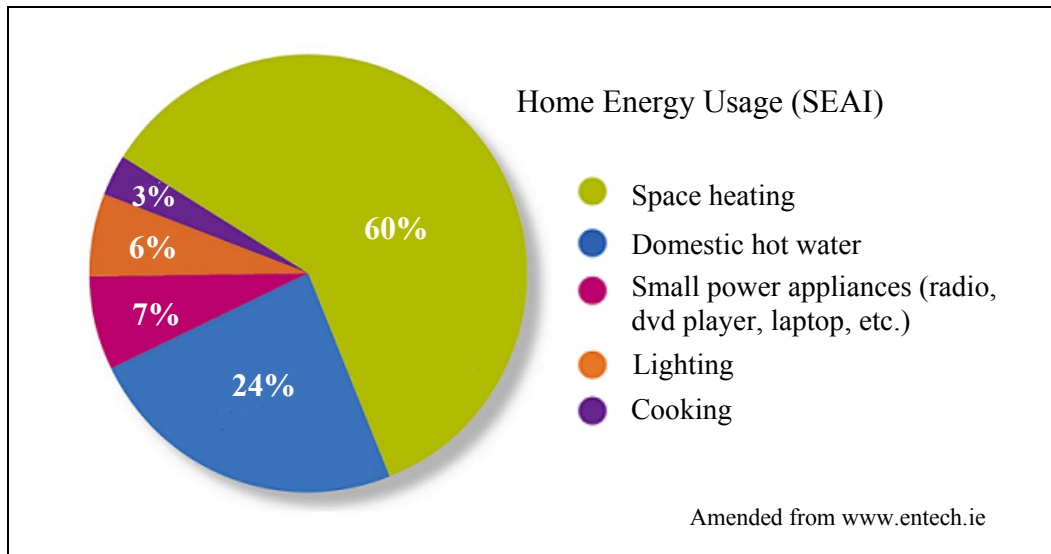


Examine the diagram above.

Circle the correct answer in each of the following statements.

- (i) The winds at **A** are *warm winds* / *cold winds*.
- (ii) The winds at **B** are *south-easterly trade winds* / *north-easterly trade winds*.
- (iii) An area of *high pressure* / *low pressure* is found at **C**.

5. ENERGY USAGE



Examine the pie chart above showing home energy usage in Ireland in 2013.

Indicate which **three** statements below are correct by ticking (✓) the correct box.

1. Small power appliances accounted for 31% of home energy usage.
2. Lighting and cooking combined, accounted for 9% of home energy usage.
3. The percentage usage for small power appliances was greater than the percentage usage for domestic hot water.
4. Space heating accounted for the greatest percentage of home energy use.
5. Domestic hot water accounted for nearly a quarter of home energy use.

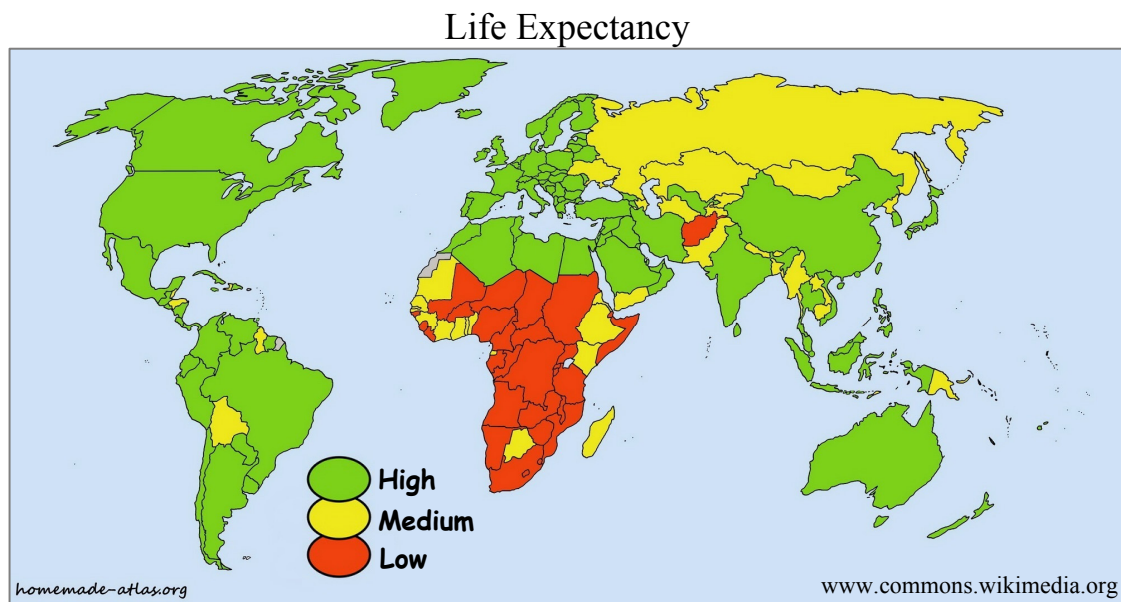
1, 2, 3 ☐

1, 3, 5 ☐

2, 3, 4 ☐

2, 4, 5 ☐

6. LIFE EXPECTANCY



Examine the map above showing life expectancy in the world.

Circle the correct answer in each of the following statements.

- (i) Germany has a **high** / **low** life expectancy.
- (ii) Mali has a **medium** / **low** life expectancy.
- (iii) Most countries with a low life expectancy are in the continent of **Africa** / **Asia**.

7. MIGRATION

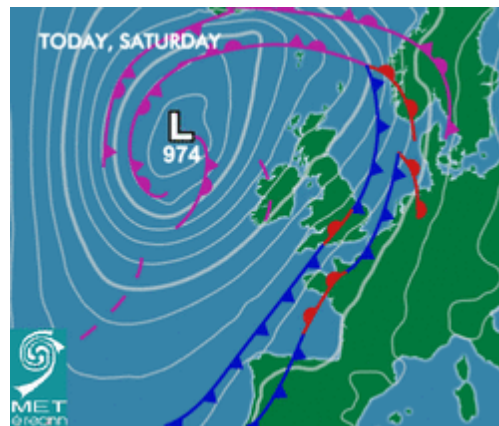
The table below shows a push factor, a pull factor and a barrier to human migration.

Immigration law	Civil unrest	Better services
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Complete each of the following sentences using the correct term from the table above.

- (i) A push factor is _____.
- (ii) A pull factor is _____.
- (iii) A barrier to migration is _____.

8. WEATHER CHART



Examine the weather chart above.

Circle the correct answer in each of the following statements.

- (i) The area of low pressure in the Atlantic is called a(n) *depression* / *anticyclone*.
- (ii) The weather front approaching Ireland will bring *calm* / *windy* weather conditions.
- (iii) Lines joining places of equal atmospheric pressure are called *isohyets* / *isobars*.

9. MANUFACTURING

A footloose industry is generally:

An industry that is located near raw materials.

☐

An industry that is not tied to any one location.

☐

An industry that does not receive grants from the government.

☐

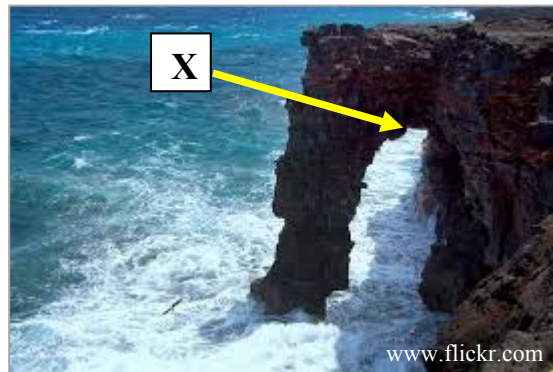
An industry that employs third level graduates only.

☐

Tick (✓) the correct box.

ANSWER EITHER 10A OR 10B

10A. COASTS



Circle the correct answer in each of the following statements.

- (i) The feature labelled **X** in the photograph above is a *sea arch / tombolo*.
- (ii) It is a feature of coastal *deposition / erosion*.
- (iii) It was formed by the process of *hydraulic action / longshore drift*.

OR

10B. GLACIATION



Circle the correct answer in each of the following statements.

- (i) The feature in the photograph above is a *fjord / corrie*.
- (ii) It is a feature of glacial *erosion / deposition*.
- (iii) It was formed by the process(es) of *hydraulic action / plucking and abrasion*.

ANSWER EITHER 11A OR 11B

11A. URBANISATION

In the boxes provided, match each of the letters in **Column X** with the number of its pair in **Column Y**. One match has been completed for you.

Column X		Column Y		X	Y
A	Urban sprawl	1	A core area of business and shopping activity.	A	
B	Dormitory town	2	Old buildings replaced by modern structures.	B	4
C	CBD	3	The spread of urban development into rural areas.	C	
D	Urban renewal	4	The main function of this town is residential.	D	

OR

11B. HISTORIC SETTLEMENT

Indicate whether each of the following statements is true or false by circling the correct option in each case.

- (i) Castles are evidence of Norman settlement.

True

False

- (ii) Standing stones are evidence of Pre-Christian settlement.

True

False

- (iii) Ringforts are evidence of plantation settlement.

True

False

ANSWER EITHER 12A OR 12B

12A. WEATHER

Clouds at very high altitude, associated with fair weather conditions are known as:

- | | |
|----------------|--------------------------|
| Cumulus clouds | <input type="checkbox"/> |
| Cirrus clouds | <input type="checkbox"/> |
| Stratus clouds | <input type="checkbox"/> |

Tick (✓) the correct box.

OR

12B. CLIMATE

The climate experienced between 55° north and the Arctic Circle is known as:

- | | |
|---------------|--------------------------|
| Equatorial | <input type="checkbox"/> |
| Savanna | <input type="checkbox"/> |
| Boreal | <input type="checkbox"/> |
| Mediterranean | <input type="checkbox"/> |

Tick (✓) the correct box.

13. AID

In the boxes provided, match each of the letters in **Column X** with the number of its pair in **Column Y**. One match has been completed for you.

Column X		Column Y		X	Y
A	Tied aid	1	Aid given for natural disasters.	A	
B	Emergency aid	2	Aid given with certain conditions.	B	
C	Development aid	3	Aid given by governments to world organisations.	C	4
D	Multi-lateral aid	4	Aid given for long-term development.	D	

14. EXPLOITATION OF IRELAND'S PEAT BOGS

Indicate which **three** statements below are correct by ticking (✓) the correct box.

1. A ditcher is a machine used to drain bogs.
2. Raised bogs are mainly found in mountainous areas.
3. A miller is a machine used to scrape the peat from the surface of the bog.
4. Peat is a renewable natural resource.
5. Briquettes are processed peat.

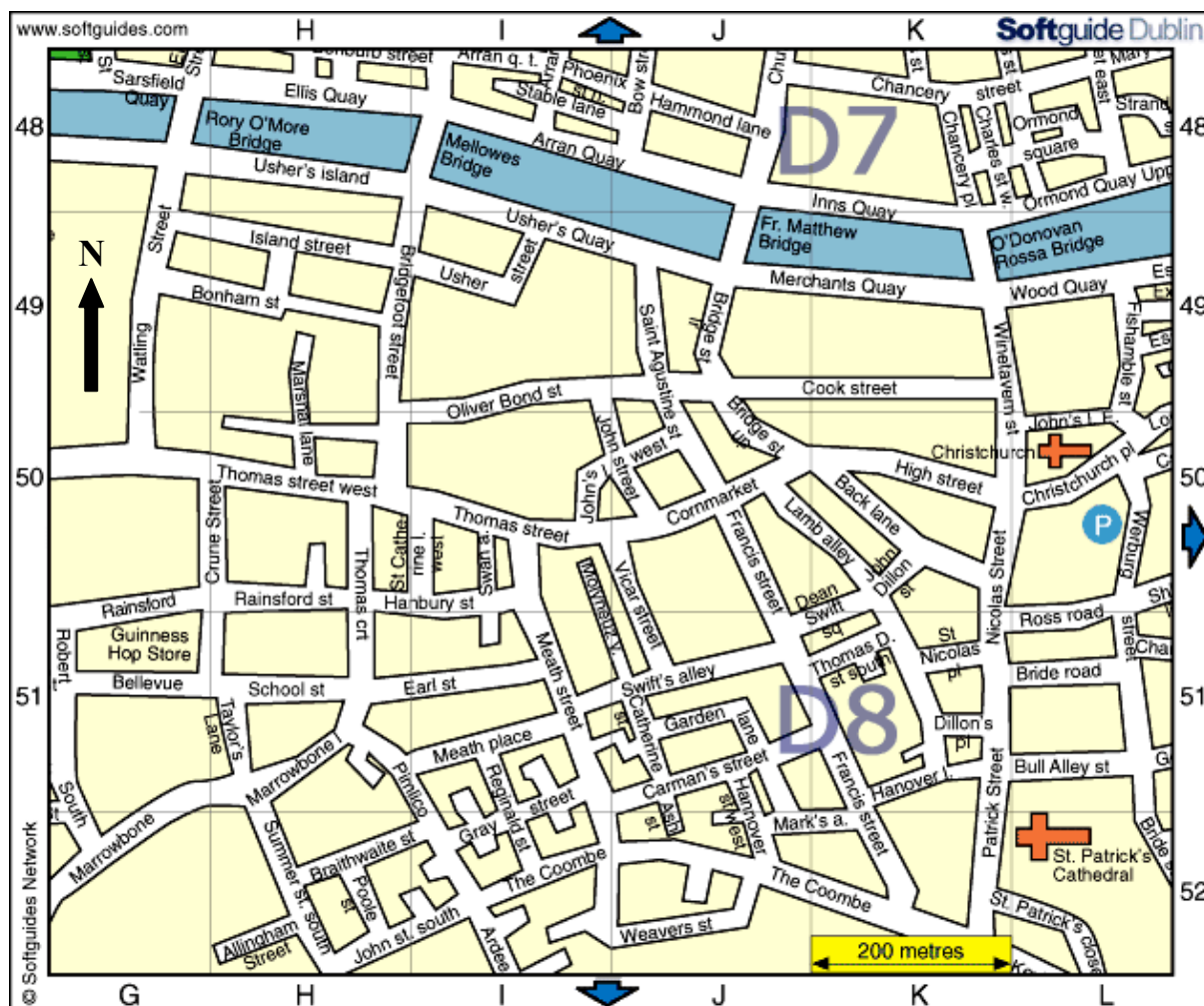
1, 2, 3 ☐

1, 3, 5 ☐

2, 3, 4 ☐

2, 4, 5 ☐

15. STREET MAP



Examine the street map above which shows part of Central Dublin.

Name the street that you would arrive at, having followed the directions below.

- Walk along Back Lane (grid K50) in a south-easterly direction
- Turn right onto Nicolas Street and walk in a southerly direction
- Take the third street on the left.

High Street

☐

Ross Road

☐

Bull Alley St

☐

The Coombe

☐

Tick (✓) the correct box.

16. TOURISM

Overseas Visitors to Ireland, 2013

Country / Region	No. Visitors
United Kingdom	2,929,000
United States	1,036,000
Germany	483,000
France	434,000
Benelux	265,000
Spain	263,000
Italy	234,000
Scandinavia	210,000
Oceania	188,000
Canada	123,000
Rest of Europe	575,000
Rest of World	248,000
Total	6,988,000

CSO

Examine the table above showing information regarding overseas visitors to Ireland in 2013.

Indicate whether each of the following statements is true or false by circling the correct option in each case.

- (i) The largest number of visitors to Ireland in 2013 came from France.

True

False

- (ii) There were more visitors to Ireland in 2013 from Italy and Scandinavia combined than from France.

True

False

- (iii) Just under six million people visited Ireland in 2013.

True

False

17. ORDNANCE SURVEY MAP

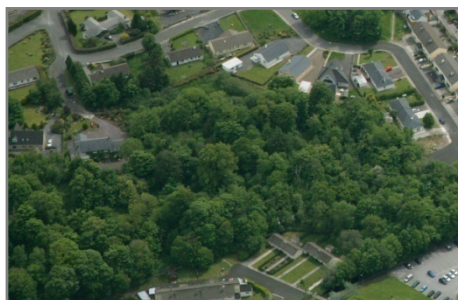
Examine the Ordnance Survey map supplied with this paper.
In the boxes provided, match each of the letters in **Column X** with the number of its pair in **Column Y**. One match has been completed for you.

Column X	
A	V 903 765
B	V 862 773
C	V 918 718
D	V 877 676

Column Y	
1	Parking
2	Public Telephone
3	Triangulation Pillar
4	Golf Course

X	Y
A	
B	1
C	
D	

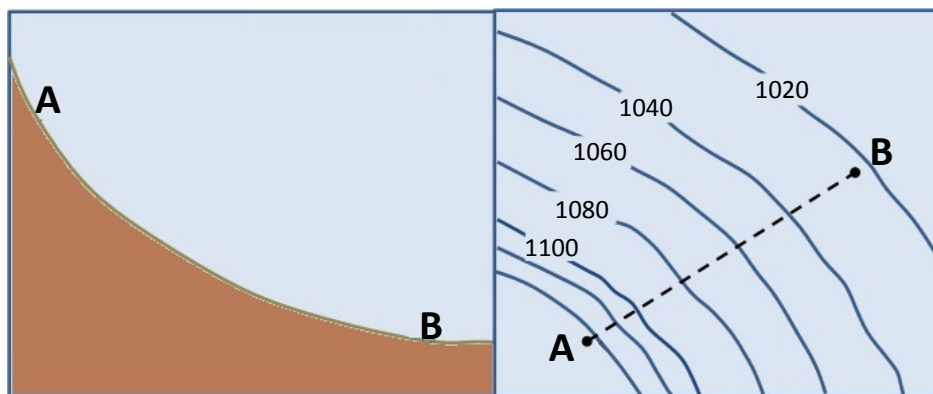
18. AERIAL PHOTOGRAPH



Using the usual notation (right background etc.), give the correct location of this area of woodland, shown on the aerial photograph accompanying this paper.

Location _____

19. SLOPE



The slope A - B is:

A stepped slope

☐

A concave slope

☐

A convex slope

☐

An even slope

☐

Tick (✓) the correct box.

20. THE RIVER RHINE

Indicate which **one** of the following statements is correct by ticking the correct box.

The River Rhine rises in Germany and enters the sea in France.

☐

The River Rhine rises in Germany and enters the sea in the Netherlands.

☐

The River Rhine rises in Switzerland and enters the sea in the Netherlands.

☐

The River Rhine rises in Italy and enters the sea in France.

☐

Tick (✓) the correct box.