1.   **CRUSTAL PLATES**
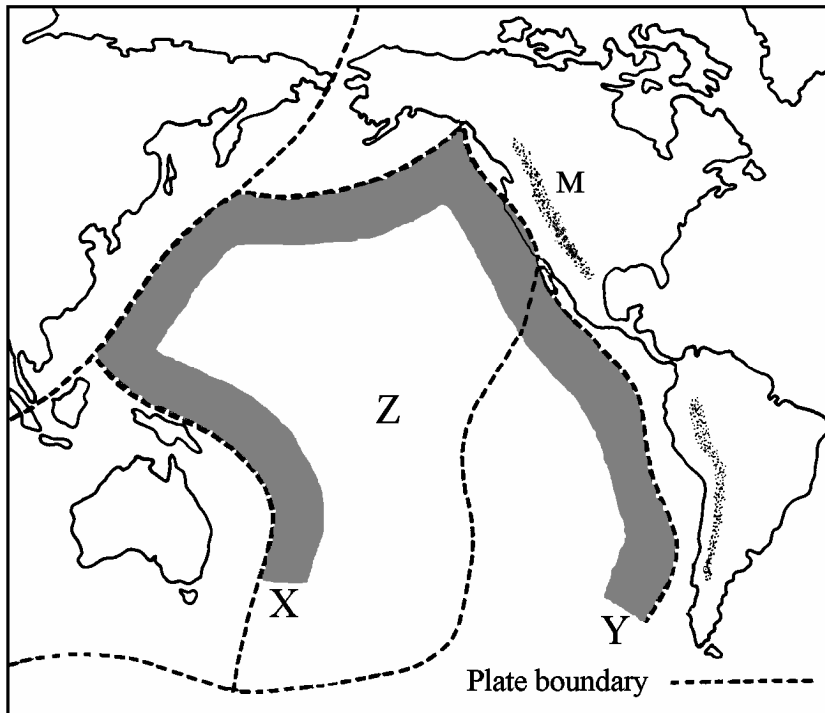
The map shows some crustal plates and their boundaries.
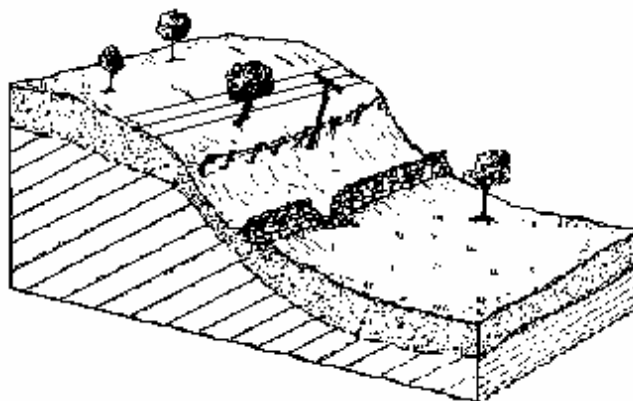

Circle the correct answer in **each** of the statements below:

(i)   The shaded area labelled "**X-Y**" is *The Pacific Ring of Fire / The Zone of Ice and Fire.*

(ii)   The Plate labelled "**Z**" is *The Nazca Plate / The Pacific Plate.*

(iii)   The Mountains labelled "**M**" are called *The Andes / The Rockies*

2.   **MASS MOVEMENT**

Examine the diagram below.

Which type of mass movement does it show?
Tick (✓) the correct box.

Avalanche ☐   Soil Creep ☐

Bog Burst ☐   Landslide ☐

3. RIVER PROCESSES

The diagrams A, B and C show a river in its upper, middle and lower courses.
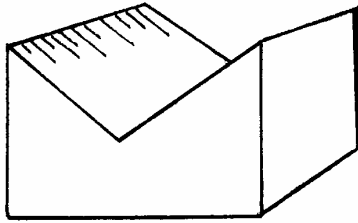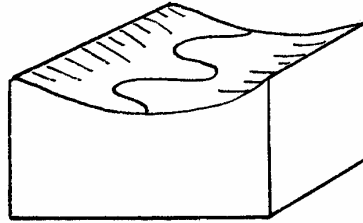

Diagram A   Diagram B   Diagram C
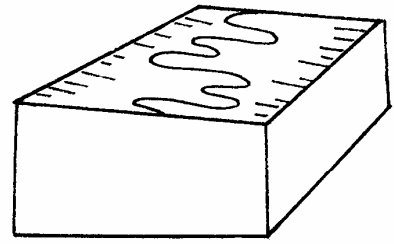
Circle the correct answer in **each** of the statements below:

(i)   Sideward erosion is most common in *Diagram A / Diagram B / Diagram C.*

(ii)   Deposition is most common in *Diagram A / Diagram B / Diagram C.*

(iii)   Downward erosion is most common in *Diagram A / Diagram B / Diagram C.*
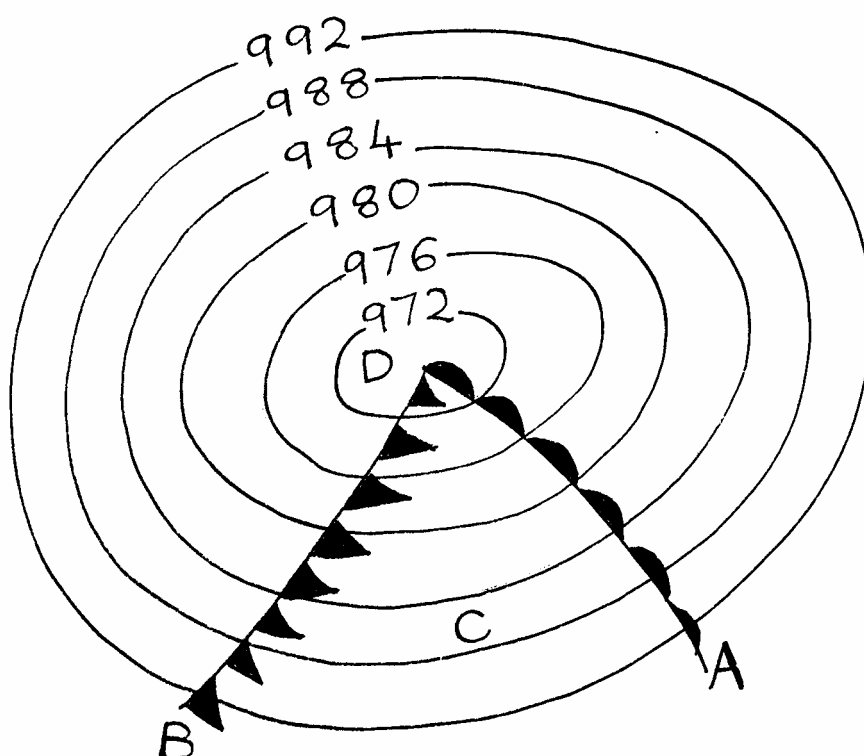
4. OCEAN CURRENTS

The map shows **three** ocean currents of the North Atlantic.

(i)   Name the ocean current labelled A _____

(ii)   Name the ocean current labelled B _____

(iii)   Say whether the ocean current labelled C is a warm or a cold current. _____

5. DEPRESSION

Examine the diagram of a depression given below.

In the boxes provided match **each** of the labels **A - D** on the diagram with the number of its pair in Column Y. One pair has been completed for you.

Column Y	
1	Cold Front
2	Place of lowest barometric pressure
3	Warm Sector
4	Warm Front

Diagram Label	Y
A	
B	
C	3
D	

6. THE WATER CYCLE

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

Column X	
A	Precipitation
B	Condensation
C	Soakage and run-off
D	Evaporation

Column Y	
1	Results in the formation of cloud
2	Returns water to the sea
3	Water changes into a gas
4	Includes rain, hail, sleet and snow

X	Y
A	
B	
C	
D	3

7. SOIL TYPES

Examine the map below.
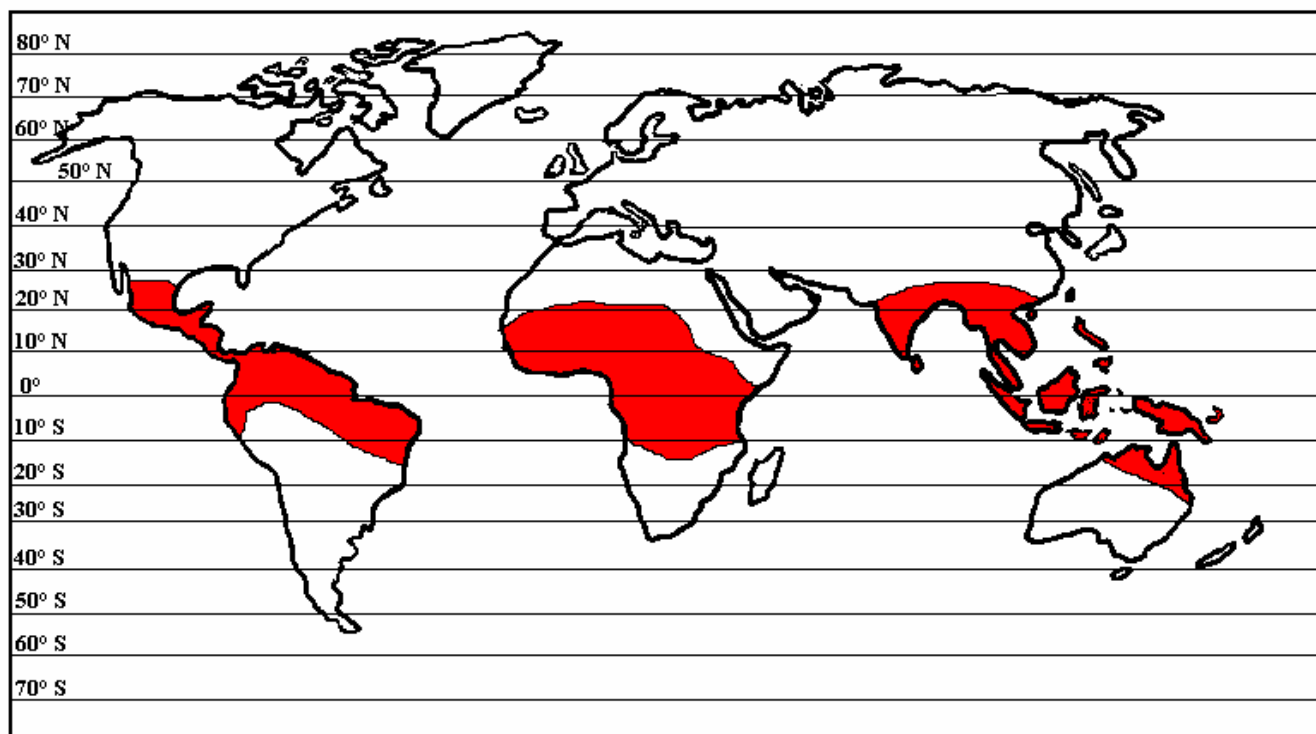
The soil type in the shaded areas of the map is:
Tick (✔) the correct box.

Podzols ☐

Gleys ☐

Brown Soils ☐

Tropical Red Soils ☐

8. **A EUROPEAN COUNTRY**

Examine the map of a European country.
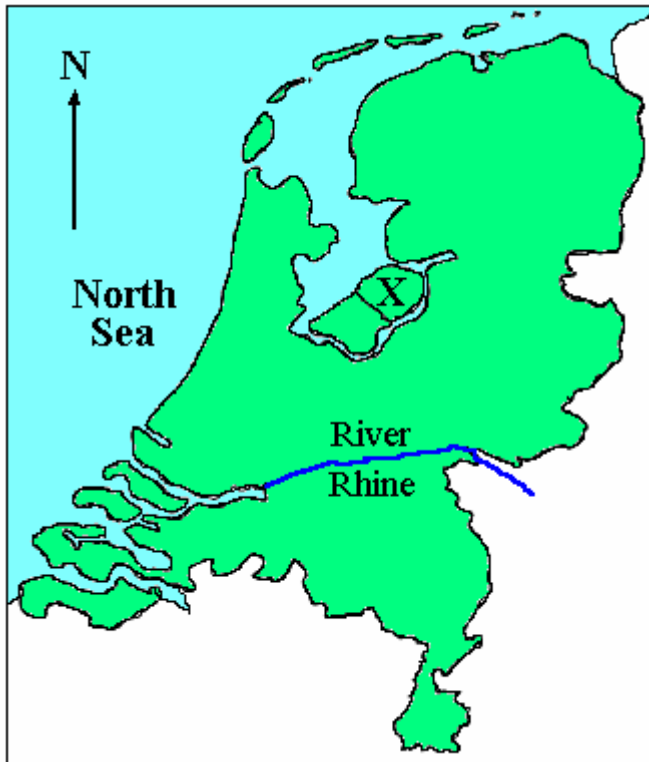
Indicate whether **each** of the statements below is true or false
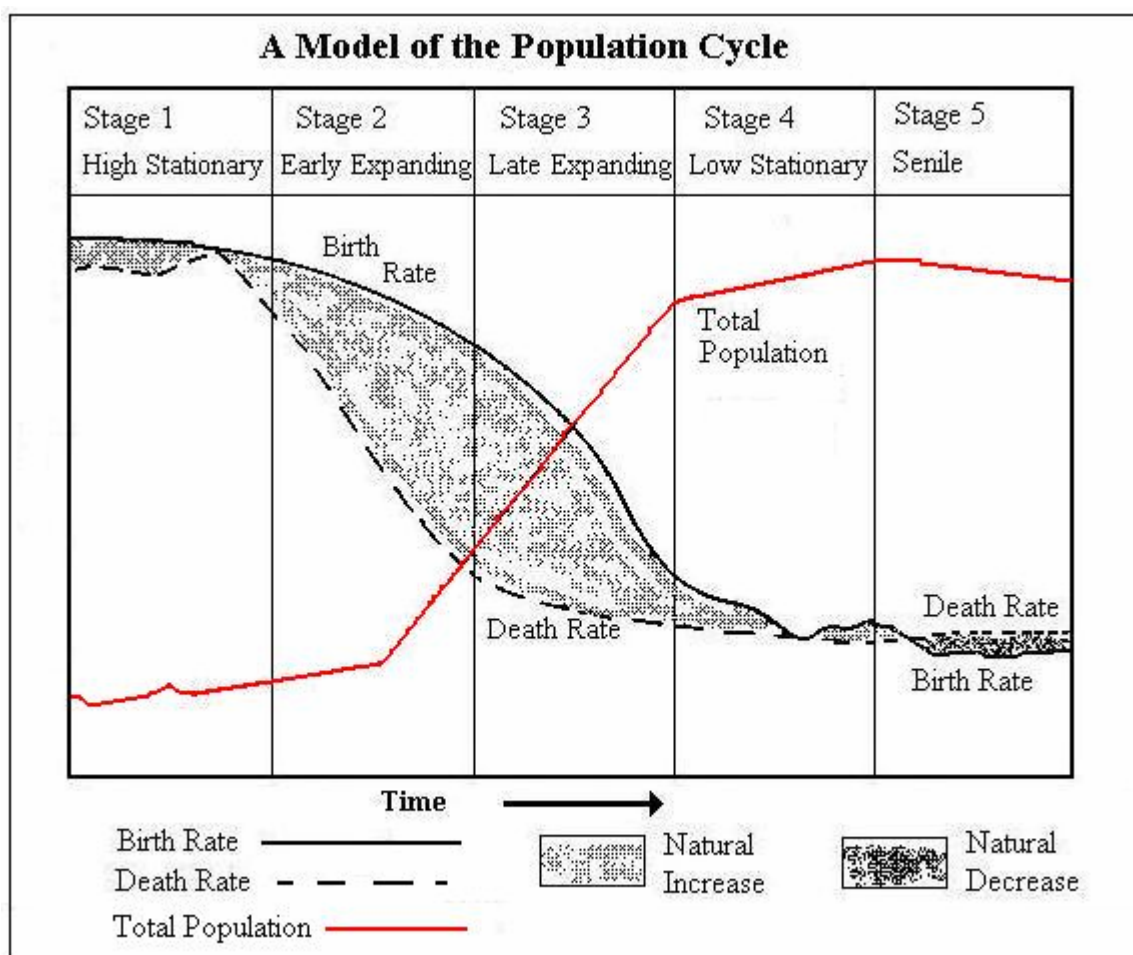by circling the "*True*" or "*False*" option.

(i)   The country shown is Belgium. *True / False*

(ii)   The area labelled "**X**" is an example of a polder. *True / False*

(iii)   The River Rhine flows generally westwards through the country. *True / False*

9.   DEMOGRAPHIC TRANSITION (POPULATION CYCLE)

A Model of the Population Cycle

Examine the diagram. Then read the statements below. Not all the statements are true.

1.   The diagram shows that birth rates are always higher than death rates.

2.   The diagram shows that population growth is slow during Stage 1.

3.   The diagram shows that population is decreasing during Stage 5.

4.   The diagram shows a rapid fall in birth rates during Stage 1.

5.   The diagram shows that population growth is rapid during Stage 2.

The correct statements are:
Tick (✔) the correct box.

1, 2, 4 ☐   2, 3, 5 ☐

2, 3, 4 ☐   3, 4, 5 ☐

10. URBAN GEOGRAPHY

Indicate whether **each** of the statements below is true or false by circling the "*True*" or "*False*" option.

(i) A **primate city** has at least twice the population of any other city in a country. *True / False*

(ii) A **bustee** is a slum area in a city of a developing country. *True / False*

(iii) **Commuters** are people who travel long distances to work every day. *True / False*

11. URBAN FUNCTIONAL ZONES

The sketch map contains four labelled, functional zones in an imaginary large town in Ireland.
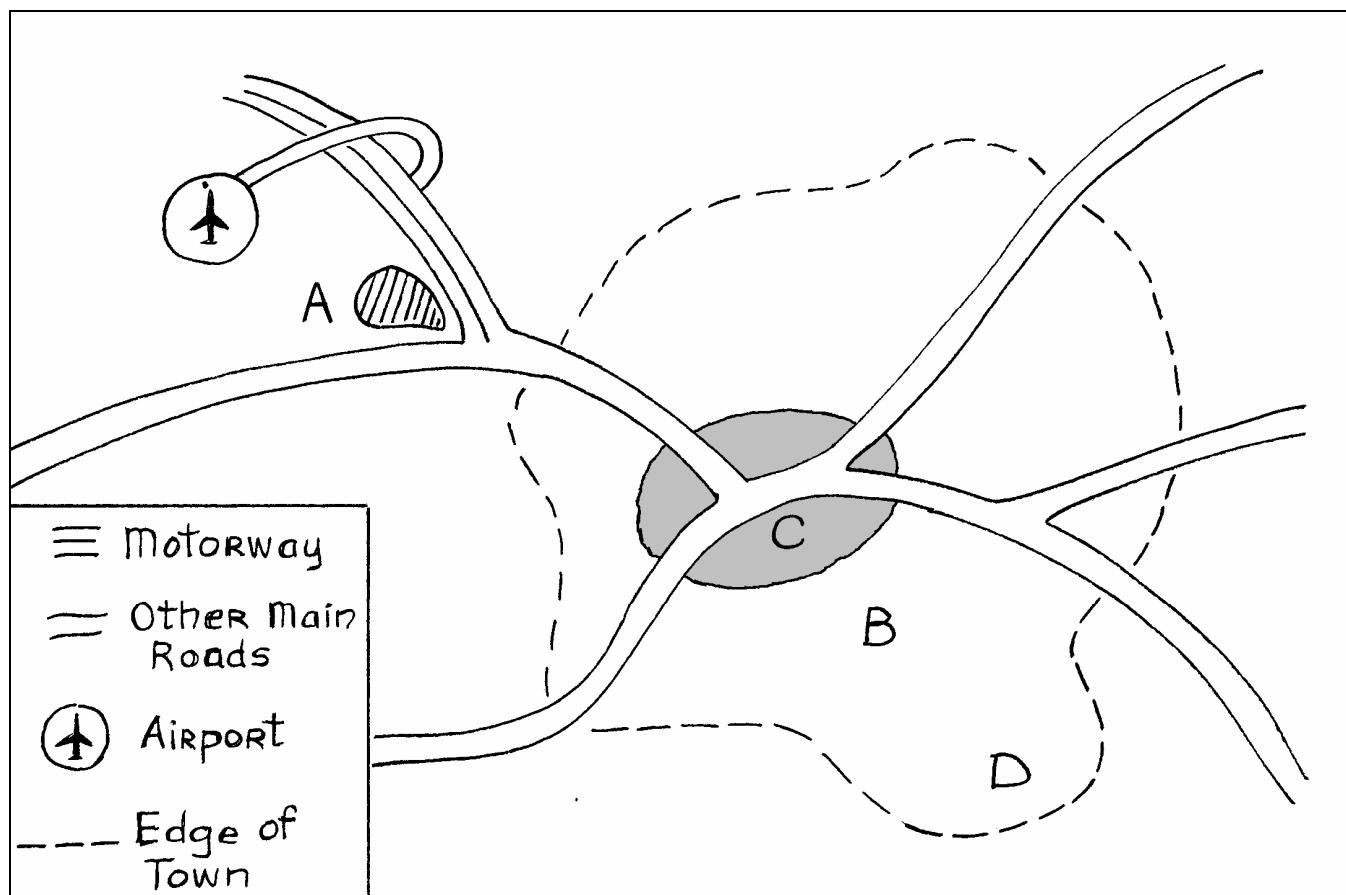
Match **each** of the labels **A – D** on the map with its matching pair from the four Function Zones listed in the table below. One pair has been completed for you.

Functional Zone	Matching label (letter)
C.B.D.	
Older residential (housing) area	
Newer residential area	
Industrial Estate	A

12.   ECONOMIC ACTIVITIES

Employment by Sector
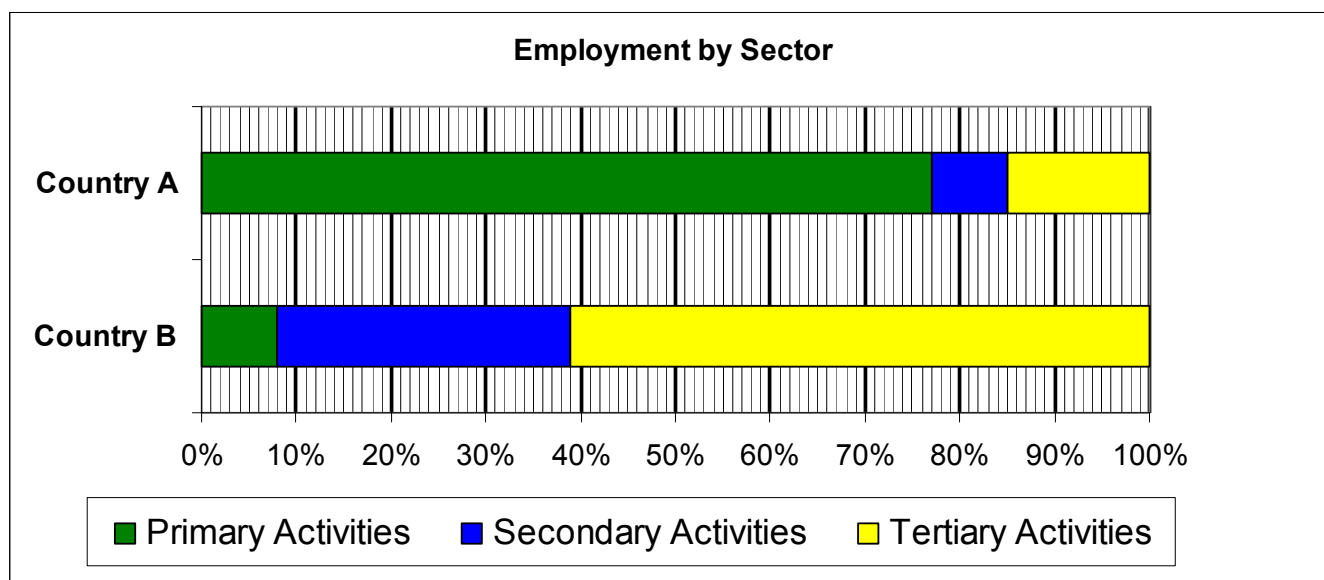
The diagrams show percentage employment by sector in Country A (a slowly developing country) and Country B (a developed country). The statements below relate to the diagrams. Not all of the statements are correct.

1.   Most workers in Country A are employed in primary activities.

2.   Secondary activities employ more than 10% of workers in Country A.

3.   Secondary and tertiary activities combined employ more than 90% of the workforce in Country B.

4.   Secondary activities alone employ a greater percentage of workers in Country B than do secondary and tertiary activities together in Country A.

5.   Secondary activities employ 39% of the workforce in Country B.

The **correct** statements are:
Tick (✓) the correct box.

1, 3, 4 ☐

2, 3, 4 ☐

1, 3, 5 ☐

3, 4, 5 ☐

13A.   CLIMATE

Examine the Table of Figures, which relate to temperature and precipitation at Caherciveen, Co. Kerry.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temperature (°C)	5	7	9	11	12	14	15	16	14	11	9	6
Precipitation (mm)	92	117	56	19	45	35	23	20	40	75	98	102

(i)   What is the mean monthly temperature for the months of December, January and February together? _____

(ii)   Name the month, which has the least precipitation _____

OR

13B.   MEASURING WEATHER
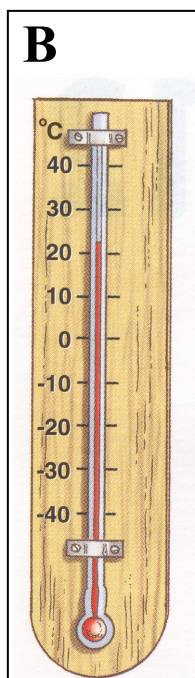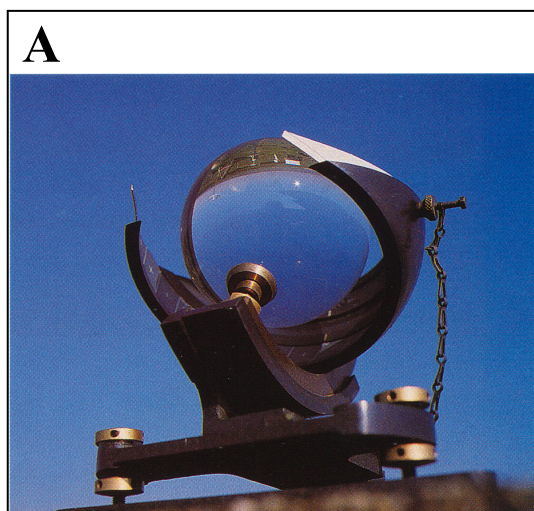
Examine the weather instruments labelled A, B and C.
Read the statements below. Not all of the statements are correct.

1.   The instrument labelled A is a barometer.
2.   The instrument labelled B is used to measure temperature.
3.   The instrument labelled B is kept usually in a Stevenson Screen.
4.   The instrument labelled C is an anemometer and measures wind speed.
5.   The instrument labelled C is a wind vane and measures wind speed.

The correct statements are:
Tick (✔) the correct box.

1, 2, 4 ☐   2, 3, 4 ☐   2, 3, 5 ☐   3, 4, 5 ☐

14A. MIXED FARMING AS A SYSTEM

Which of the following might **all** be **outputs** of an Irish mixed farm:
Tick (✔) the correct box.

Barley, tractor, chickens, eggs ☐   Potatoes, barley, labour, land ☐

Milk, silage, grass, manure ☐   Farm Buildings, calves, silage, wool ☐

OR

14B. MIXED FARMING LAND USE
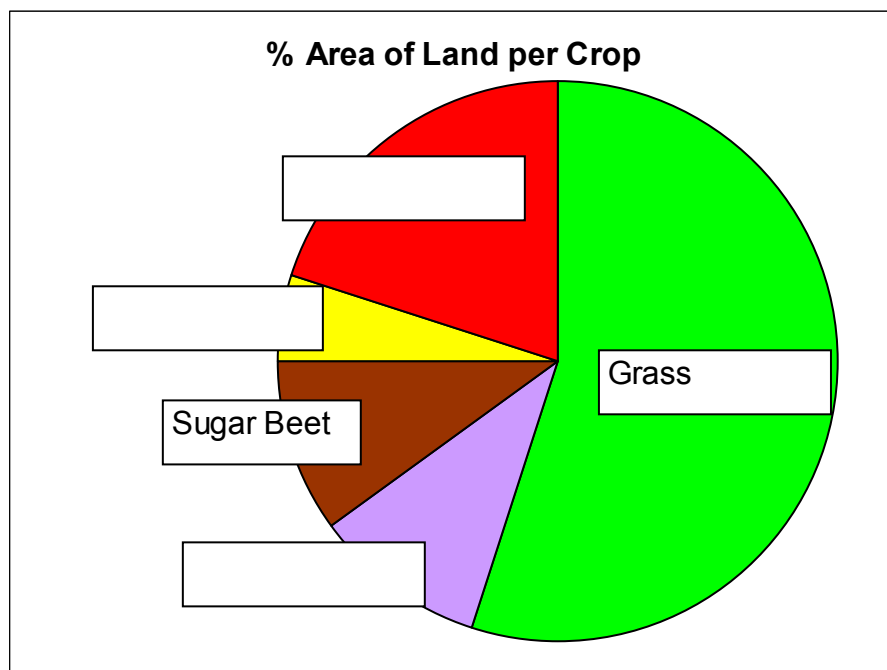
The information in the **table** and **pie chart** shows the % areas given over to different land uses in a mixed farm in Ireland.

Complete the pie chart by writing in the name of **each** crop in its correct box.

Crop	% Area
Grass	55
Wheat	20
Sugar Beet	10
Barley	10
Potatoes	5

% Area of Land per Crop

Sugar Beet

Grass

ANSWER EITHER 15A OR 15B.

15A.   MANUFACTURING INDUSTRY

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

	Column X			Column Y		X	Y
A	Capital		1	Industry which can locate in a wide range of places		A	4
B	Footloose		2	Iron and steel making		B	
C	Heavy Industry		3	Assist industry by helping to improve roads etc.		C	
D	Structural Funds		4	Money needed to set up or run an industry		D	

OR

15B.   INDUSTRIAL LOCATION

The British iron and steel industry changed its location over time:
Tick (✔) the correct box.

From coasts to coalfields   ☐

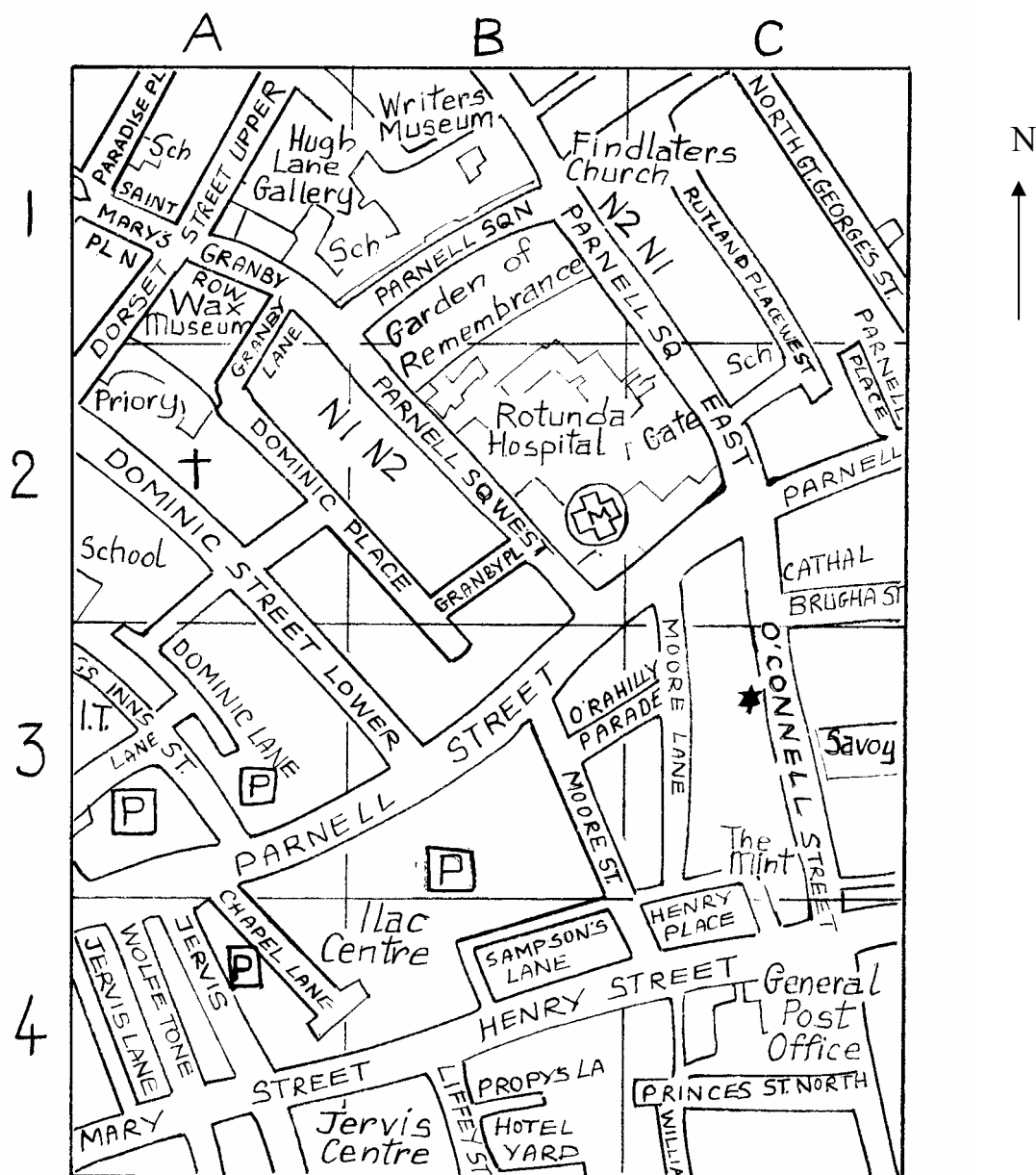From coalfields to forested areas   ☐

From coalfields to coasts   ☐

From coasts to forested areas   ☐

16.   STREET MAP

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

Imagine that you are asked to take the following journey:

- Walk along Parnell Sq. West (grid B2) in a south-easterly direction.
- Then turn right along Parnell Street in a south-westerly direction.
- Then enter the street on the second turn to your left.

On which street would you then find yourself?
Tick (✓) the correct box.

Dominic Street Lower ☐   O'Rahilly Parade ☐

Parnell Place ☐   Chapel Lane ☐

17. **AERIAL PHOTOGRAPH**

Study the Aerial Photograph supplied.

Circle the correct answer in **each** of the statements below.

- The trees in the right background are mainly *coniferous / deciduous.*

- The waterway in the left background is a *river / a canal.*

- The photograph was most likely taken in *winter / summer.*

18. **ORDNANCE SURVEY**

Study the Ordnance Survey map and legend (key) supplied.

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

Column X			Column Y			X	Y
A	N 401 541		1	Crannóg		A	
B	N 453 553		2	Nature Reserve		B	
C	N 448 568		3	Lake		C	
D	N 426 587		4	Earthwork		D	3

19. **ORDNANCE SURVEY**

Study the Ordnance Survey map and legend (key) supplied.

The **direction** from the Picnic Site at N 420 585 to the Nature Reserve at N 426 587 is:
Tick (✔) the correct box.

North East ☐   North West ☐

South East ☐   South West ☐

20. **ORDNANCE SURVEY**

The rural settlement pattern within the grid square N 47 55 is:
Tick (✔) the correct box.

Mainly Linear ☐   Mainly Dispersed ☐

Mainly Nucleated ☐   Partly Dispersed and Partly Nucleated ☐