FORM 5  
GEOGRAPHY (GENERAL)  
TIME: 1h 45min

Name: ______________________________  
Class: ______________

Work out ALL questions.

1. a. Explain what is meant by the term ‘weather’. ________________________________  

______________________________ (2)

b. Figure 1 shows Mt Kilimanjaro. Now complete the sentence that follows: 
Snow lies all year round on Mt Kilimanjaro, even though this is located close to the 
Equator. This is because places which are higher up and in mountains

______________________________ (2)

![Figure 1: Mt Kilimanjaro](image)

2. In Figure 2 you can see the towns of Wroclaw (Poland) and Calais (France). Both towns are 
51°N of the Equator.

![Figure 2: Wroclaw and Calais](image)
Table A shows the temperature in degrees Celsius (°C) of the two towns.

<table>
<thead>
<tr>
<th>Month</th>
<th>Wroclaw</th>
<th>Calais</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>-3</td>
<td>6</td>
</tr>
<tr>
<td>July</td>
<td>19</td>
<td>17</td>
</tr>
<tr>
<td>December</td>
<td>0</td>
<td>7</td>
</tr>
</tbody>
</table>

Table A: Temperatures (°C) for Wroclaw and Calais

a. Underline the correct word from each bracket.
   In summer Wroclaw is (warmer / colder) than Calais.
   In winter Wroclaw is (warmer / colder) than Calais. (2)

b. Insert the following words in the right blanks in the paragraph below.

   sea      cooler    warmer    temperature

   The distance a place is from the sea affects its ______________. In summer places which are inland and away from the ______________ are usually ______________ than places near the coast. In winter it is usually the opposite, with inland places being ______________ than places near the coast. (4)

3. Tick (✓) the statements that are true about the natural vegetation of the tropical rainforest.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Tropical vegetation has spikes instead of leaves to reduce loss of moisture.</td>
</tr>
<tr>
<td>b.</td>
<td>Tropical trees have thick waxy skin to reflect some of the sun’s heat.</td>
</tr>
<tr>
<td>c.</td>
<td>The trees can grow to over 40m in the effort to get sunlight.</td>
</tr>
<tr>
<td>d.</td>
<td>The leaves have drip tips to shed the heavy rainfall.</td>
</tr>
<tr>
<td>e.</td>
<td>Seeds lie dormant for several years because it hardly ever rains.</td>
</tr>
<tr>
<td>f.</td>
<td>Large buttress roots stand above the ground to give support to the trees.</td>
</tr>
<tr>
<td>g.</td>
<td>Tree trunks are straight and branchless in their lower parts in their effort to grow tall.</td>
</tr>
</tbody>
</table>
4. Underline the correct word from each bracket.

The hot desert type of climate is very **(cold / hot)** in summer and during the **(day / night)**. It is much colder during the **(day / night)**. The amounts of cloud and rainfall are **(large / small)**. (4)

5. a. In Malta we find large areas covered by **scrub vegetation** and small patches of **woodland**. Explain briefly the words written in **bold**.

**Scrub vegetation**

________________________________________________________

________________________________________________________

**Woodland**

________________________________________________________

________________________________________________________

(4)

b. Which **two** of the following four trees grow in the Mediterranean region?

Underline the correct answers.

Cypress  Baobab  Rubber tree  Aleppo pine  (2)

c. Name **two** examples of plants typical of scrub vegetation.

________________________________________________________  (2)

6. The following are incorrect sentences about the vegetation found in the Mediterranean type of climate. Rewrite them in the right way:

a. Mediterranean plants have big leaves.

________________________________________________________

b. Many plants have short roots.

________________________________________________________

c. Plenty of grass grows because the climate is too hot and wet.

________________________________________________________

d. Mediterranean plants grow mainly in summer.

________________________________________________________  (4)
7. Study carefully the map of Europe in Figure 3 below.

a. Name the countries numbered 1, 2, 3, 4, 5 and 6 on the map.

Choose from: Spain, England, Slovakia, Poland, Italy, Portugal, Denmark, Austria, Finland, Romania, Greece, France.

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

b. In the table below, write the capital city of the following countries.

Choose from the following: Rome Lisbon Berlin Madrid Warsaw Munich Paris Milan

<table>
<thead>
<tr>
<th>Country</th>
<th>Capital City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td></td>
</tr>
</tbody>
</table>
c. Name two countries in the European Union with coastlines on the Mediterranean Sea.

_______________________________________________________________________

(2)

8. Study Table B showing carbon dioxide (CO₂) levels between 1750 and 2050 and then answer the questions that follow.

<table>
<thead>
<tr>
<th>Year</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1750</td>
<td>100</td>
</tr>
<tr>
<td>1800</td>
<td>102</td>
</tr>
<tr>
<td>1850</td>
<td>104</td>
</tr>
<tr>
<td>1900</td>
<td>108</td>
</tr>
<tr>
<td>1950</td>
<td>112</td>
</tr>
<tr>
<td>2000</td>
<td>120</td>
</tr>
<tr>
<td>2050</td>
<td>160*</td>
</tr>
</tbody>
</table>

* projection

Table B: Carbon dioxide (CO₂) levels

![Graph](Figure 4)

a. Using the data provided in Table B, draw a line graph on Figure 4 to show the levels of carbon dioxide in the atmosphere. (7)

b. Give one reason for the increase of CO₂ in the atmosphere. (1)
c. The diagram in Figure 5 below shows the greenhouse effect which is causing global warming. Use Figure 5 to explain what is causing global warming.

![Figure 5: The Greenhouse Effect](image)

9. a. Economic activities can be divided into Primary, Secondary and Tertiary industries. List the following jobs in the three columns below:

   builder, lawyer, fisherman, factory worker, farmer, doctor.

<table>
<thead>
<tr>
<th>PRIMARY</th>
<th>SECONDARY</th>
<th>TERTIARY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   (6)

b. Mention three reasons why tourists visit Malta.

   __________________________________________
   __________________________________________
   __________________________________________

   (3)
c. Tourism has brought many benefits to the Maltese economy. List two of these benefits.

_________________________________________________________________________

_________________________________________________________________________ (2)

d. Name two problems brought about by the increasing numbers of tourists visiting our islands especially in summer.

_________________________________________________________________________

_________________________________________________________________________ (2)

10. Study the graph in Figure 6 below, and then answer the questions.

Figure 6: Climate graph - Mediterranean Region

a. Which is the wettest month? ____________ (1)

b. Which is the driest month? ____________ (1)

c. How much rain fell in October? ____________ (1)

d. The hottest month is _______________. It has a temperature of _______ °C. (2)

e. The coldest month is _______________ with a temperature of _______ °C. (2)
f. **California, Central Chile, South Africa, South-West Australia** and the lands surrounding the **Mediterranean Sea** experience a Mediterranean type of climate.

Name and label clearly on the map of the world in Figure 7 all the words marked in bold in the sentence above.  

(5)

![Figure 7: Map of the World](image)

g. Drought is experienced by places that have a Mediterranean type of climate. What is drought and why does it create problems to farmers?

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

(3)
11. a. Figure 8 shows a section through soil. It is called a ___________________. (Fill in) (1)

b. Place the following labels in the correct place on figure 8.
   - Underlying rock
   - Soil depth
   - Grass and dead leaves (3)

c. Why is soil considered a renewable resource?

   ____________________________________________________________________________
   ____________________________________________________________________________ (2)

d. What is humus?

   ____________________________________________________________________________
   ____________________________________________________________________________ (2)

e. Say if the following statements are True or False.

   a. Without soil there would be no animal or human life on earth.   

   b. Humus makes the soil infertile.   

   c. Terra Rossa soil, known as *Tal-Hamri* in Maltese is usually shallow and stoney.   

   d. Clayey soils in Malta have a very dark colour and a high humus content.   

   (4)
f. Soil erosion is a natural process but in some places it has been increased by bad farming methods. Briefly describe how each of the following farming methods can cause soil erosion.

**Overgrazing**

______________________________________________________________

(2)

**Deforestation**

______________________________________________________________

(2)