FORM 2 GEOGRAPHY (GENERAL) TIME: 1h 30min

Name: ______________________________ Class: ____________

Answer all questions.

1. (a) In the space below draw the internal structure of a volcano. (4 marks)

(b) Label the drawing of the internal structure of a volcano with the following terms:

- magma chamber
- vent
- lava
- secondary core
- crater

(5 marks)

(c) Explain the difference between lava and magma.

________________________________________________________________________

________________________________________________________________________

(2 marks)

(d) Why do we find active volcanoes in the Mediterranean region?

________________________________________________________________________

________________________________________________________________________

(4 marks)
2. In the Mediterranean region we find a number of active volcanoes.

![Map of the Mediterranean region](image)

**Figure 1: Map of the Mediterranean region**

(a) On the map of the Mediterranean region (Figure 1) mark and name the following volcanoes:

   (i) **Santorini**
   
   (ii) **Volcano**
   
   (4 marks)

(b) Name the volcanoes marked with the following letters on the map of the Mediterranean region (Figure 1 on page 2):

<table>
<thead>
<tr>
<th>Letter</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
</tbody>
</table>
   
   (3 marks)

3. Earthquake activity has formed mountains in the Mediterranean region.

(a) Name the mountains marked X, Y, T and P on the map of the Mediterranean region (Figure 1 on page 2).

<table>
<thead>
<tr>
<th>Letter</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
</tbody>
</table>
   
   (4 marks)
(b) On the map of the Mediterranean region (Figure 1) mark and name:

(i) **the Dinaric mountains**;

(ii) **the Pindus mountains**. 

(4 marks)

4.(a) Label Figure 2 with the following terms:

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epicentre focus
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(b) Give the meaning of the following terms:

Epicentre: __________________________________________

Focus: _____________________________ 

(4 marks)

5. Figure 3 shows the water cycle.

(a) Label Figure 3 with the following terms:

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Rivers Condensation Evaporation Rain
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Figure 3
(b) Fill in the blanks with the following terms to describe the processes of the water cycle:

<table>
<thead>
<tr>
<th>cools</th>
<th>oceans</th>
<th>clouds</th>
<th>rain</th>
<th>cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>rivers</td>
<td>rocks</td>
<td>aquifer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The sun evaporates water from lakes and _______________. When air rises, it _______________. The water in the air condenses and forms _______________. Wind blows clouds inland. Water droplets join together and fall as _______________. Rain water gets into the _______________ to form the _______________. Some of this water collects in _______________ and flows back to the sea. As a result the water _______________ starts all over again.

(8 marks)

6. (a) Figure 4 shows how **frontal rain** forms. Write a few sentences to explain how frontal rain forms. You can use the following words to help you answer this question:

![Figure 4](image)

- warm air
- cold air
- rises
- cools

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(5 marks)

(b) In the space below draw and label a diagram to show the Upper and Lower Water Tables found in the rocks of the Maltese Islands.

(7 marks)
(c) Name three ways how the water of the aquifer can be polluted.
________________________________________________________ (6 marks)

(d) Explain how the quality of underground water can be conserved.
__________________________________________________________ 4 marks)

7. Study the photo below and then underline the correct answer from those in brackets:

(a) The photo shows (an oasis/an aquifer/a well).
(b) The people are (extracting water/extracting oil/dumping waste).
(c) Water in oases comes from (rainfall in mountainous areas/rainfall in desert areas).
(d) Nomads are people who (live in a city/roam the desert/live in a village).
(e) Nomads keep (deer/zebras/camels) to roam the desert.

(5 marks)

8. The graph in figure 5 shows the average rainfall and temperature of a desert area.
(a) With the help of the climate graph (Figure 5) describe the climate of a desert area.
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________ (6 marks)

(b) Wind is partly responsible for the formation of rock pedestals and sand dunes. Explain how rock pedestals are formed.
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________ (5 marks)

(c) In the space provided draw a labelled diagram to show how sand dunes are formed.

(d) Cactus plants are well-adapted to survive the dry and hot climate of the desert.

Figure 6
(e) With the help of Figure 6 write **three** characteristics that help cactus plants to survive in the desert.
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
(6 marks)

9. Name three tourist attractions found in the Sahara desert.

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(2 marks)