

FORM 2

GEOGRAPHY

TIME: 1h 30min

Name: _____

Class: _____

Answer all questions in the space provided.

Question 1

- a) In the space provided below, draw a diagram to show the internal structure of the earth and label it with the following words:

inner core
crust

outer core
convection currents

mantle

(5)

- b) Explain how the processes under the Earth's crust cause earthquakes and volcanoes.

(4)

- c) Two volcanoes are marked with the letters **E** and **V** on the map of the Mediterranean region (Figure 1 on page 2). Name these two volcanoes in the table below.

Volcano E	
Volcano V	

(2)

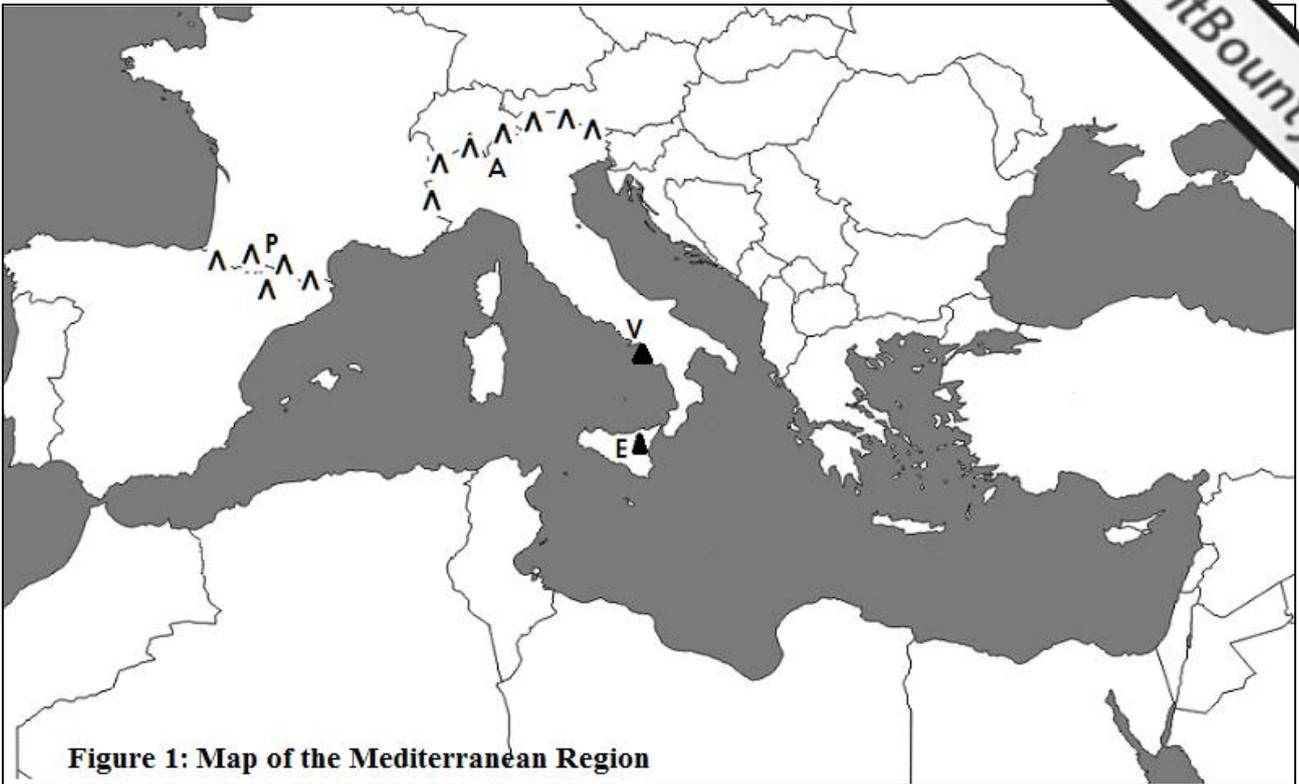


Figure 1: Map of the Mediterranean Region

- d) Two fold mountain ranges are marked with the letters **A** and **P** on the map of the Mediterranean region (Figure 1). Name these mountains in the table below.

Mountains A	
Mountains P	

(2)

- e) With the help of Figure 2 below, explain how fold mountains are formed.

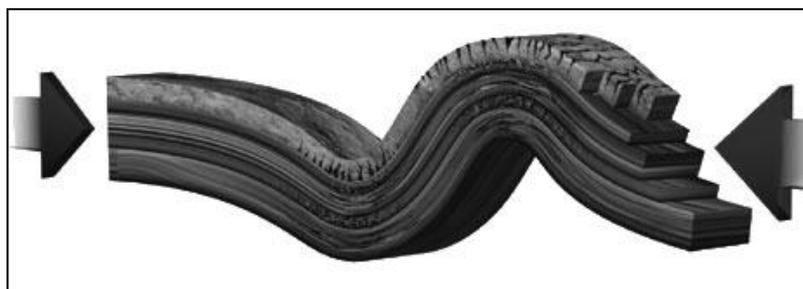


Figure 2

(4)

i) Write **true** or **false**:

Molten rock flowing down the slopes of a volcano is called magma.	
Lava is molten rock inside a volcano.	

(2)

j) Write each of the following words next to its meaning:

seismograph
focus

Richter
aftershock

epicentre

Word	Meaning
	The point deep in the earth from where a seismic wave starts.
	The instrument that measures the strength of an earthquake.
	The strength of an earthquake is measured on this scale.
	The point on the Earth's surface from where a seismic wave spreads out.
	A small tremor after a strong earthquake.

(5)

Question 2

a) Figure 5 below shows the water cycle. Label Figure 5 with the following words:

rivers
condensation

evaporation
rainfall

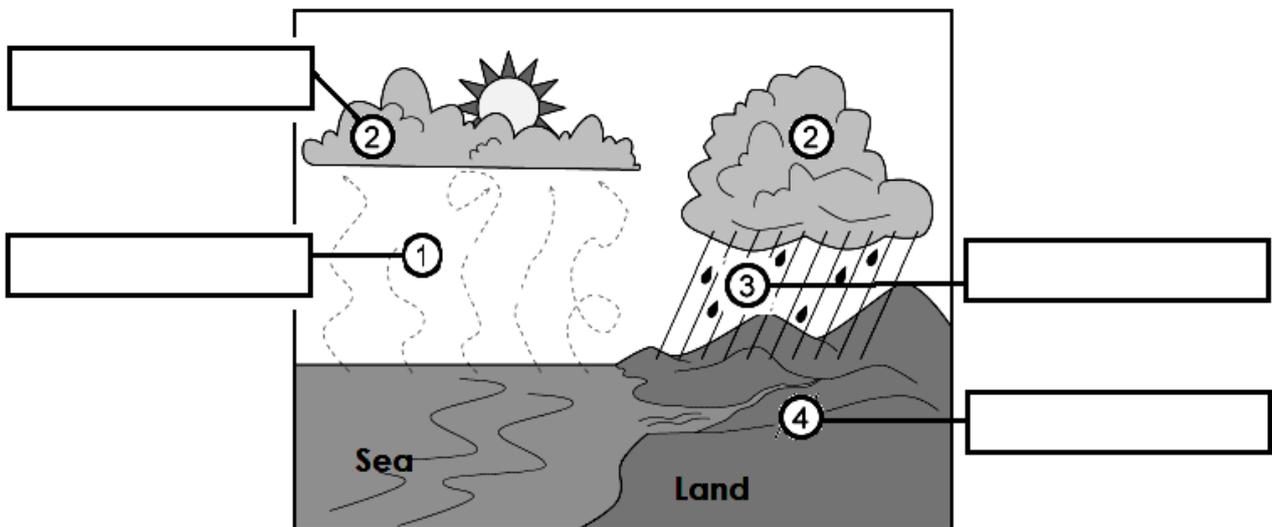


Figure 5

(4)

b) Give the meaning of the following words:

Evaporation: _____

Condensation: _____

Rainfall: _____

Surface water: _____

(8)

c) In Malta we find examples of three different uses of water – domestic use, agricultural use and industrial use. Give an example of each of these uses.

Domestic use: _____

Agricultural use: _____

Industrial use: _____

(6)

d) Figure 6 shows the rock layers of the Maltese Islands. On Figure 6, draw in blue the Upper Water Table.

(1)

e) On Figure 6, draw in green the Lower Water Table.

(1)

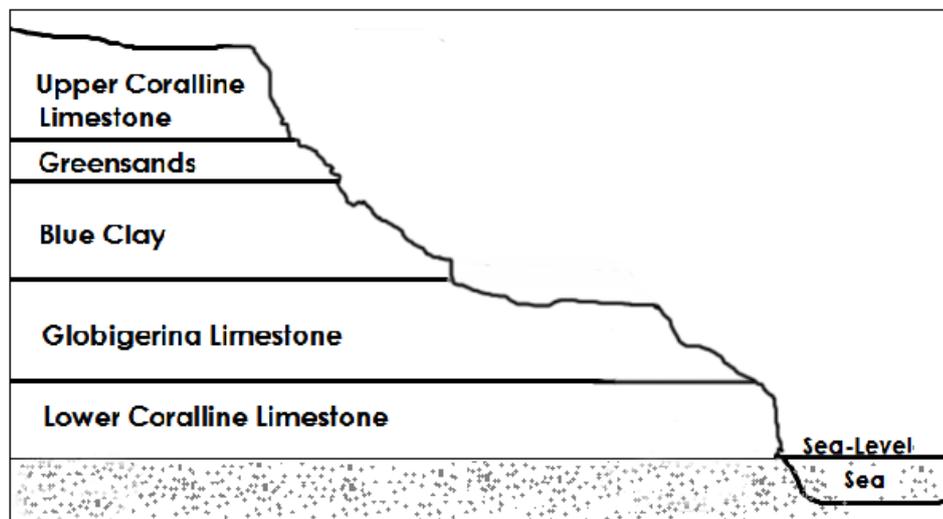


Figure 6

f) Underline the correct answer:

Figure 7 shows (relief / frontal / convectional) rainfall.

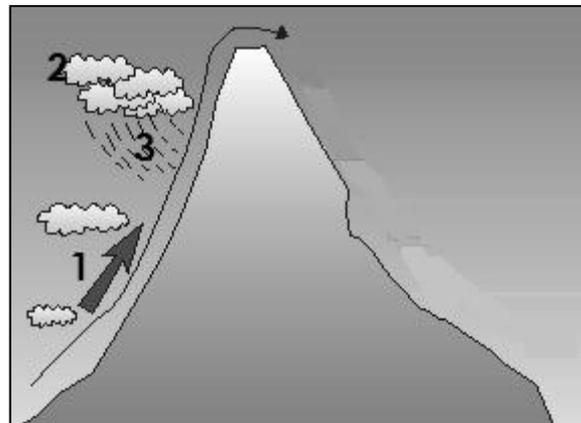


Figure 7

(1)

g) Explain how this type of rainfall is formed by writing in the table below what is happening at each stage marked 1 to 3 in Figure 7 above.

1	
2	
3	

(6)

h) Figure 8 below shows a Reverse Osmosis plant. Briefly explain how this plant produces water suitable for drinking.

(2)



Figure 8

- i) In Malta water is a scarce resource. Mention **three** ways how you can reduce water consumption at home.

(6)

Question 3

Use the map of the world (Figure 9 on page 8) to answer the following questions.

- a) In the table below write the names of the lines of latitude marked with the letters **A**, **B** and **C**. Choose from:

Antarctic Circle Tropic of Cancer Equator

Latitude A	
Latitude B	
Latitude C	

(3)

- b) Two lines of longitude **X** and **Y** are marked on the map of the world. In the table below write the letter that shows the Prime Meridian.

Prime Meridian	
-----------------------	--

(1)

- c) In the table below write the name of the desert marked with the letter D on the map of the world. Choose from:

Australian Desert Atacama Desert Sahara Desert

Desert D	
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(1)

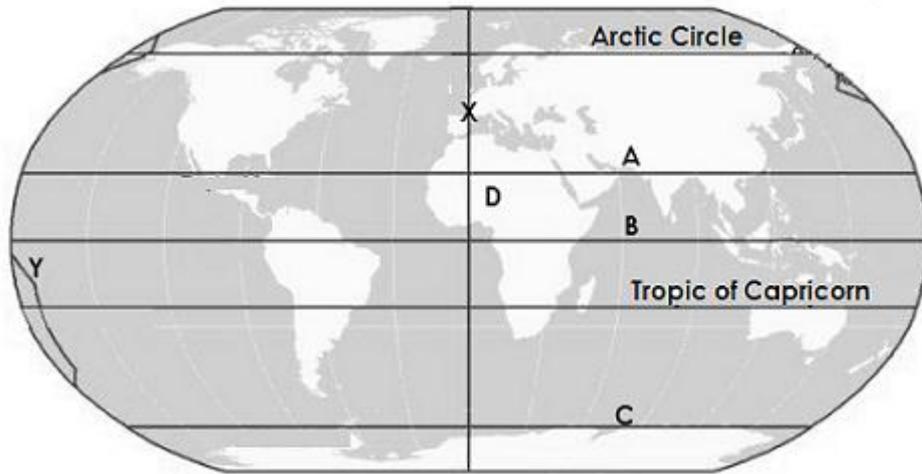


Figure 9: Map of the world

Question 4

- a) Figure 10 and Figure 11 show two desert features – **a rock pedestal** and **a sand dune**. Write the name of each feature next to the correct picture.



Figure 10



Figure 11

(2)

b) Briefly explain how one of these features is formed.

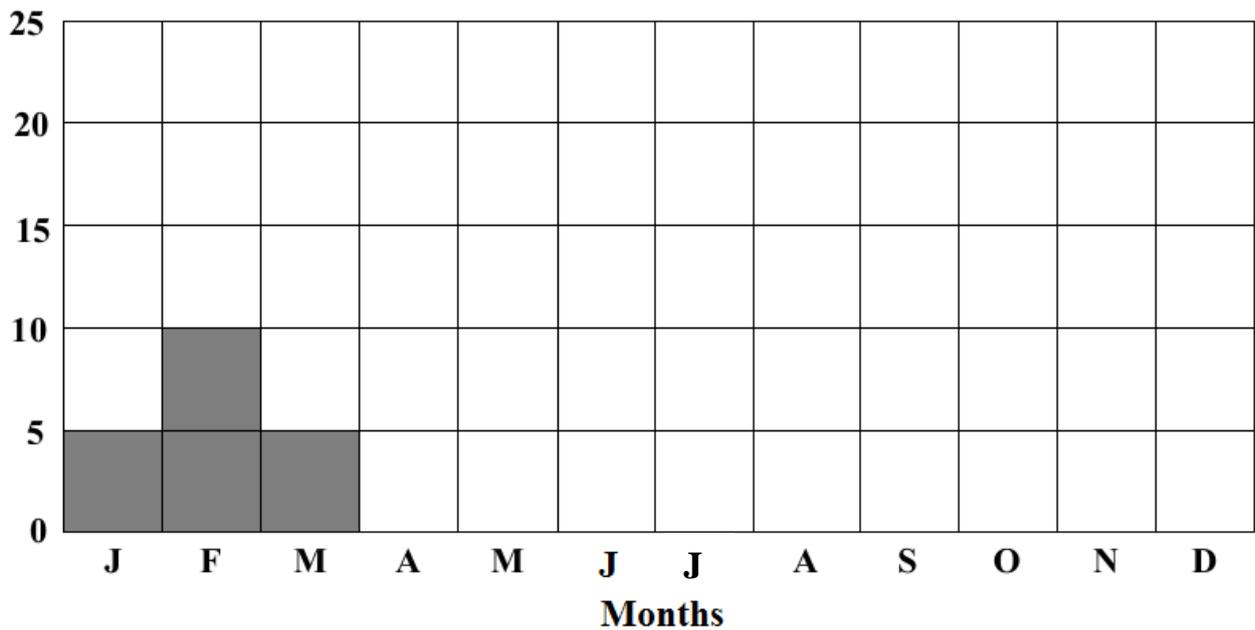
(3)

c) The table below shows the mean monthly rainfall of a place in a hot desert. Continue plotting the following graph with the rainfall amounts shown in the given table.

(9)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Rain (mm)	5	10	5	2	2	3	8	25	15	10	5	5

Rain (mm)



d) Write **two** sentences to describe the hot desert climate.

(3)

e) With the help of Figure 12, write **two** characteristics that help the camel to live in the desert.



Figure 12

(4)

f) Figure 13 on page 11 shows how an oasis is formed. Write a sentence to explain what is happening at each number marked 2 to 5 on Figure 13. The first one is given as an example.

1	Rain falls on the mountains at the edge of the desert.
2	
3	
4	
5	

(4)

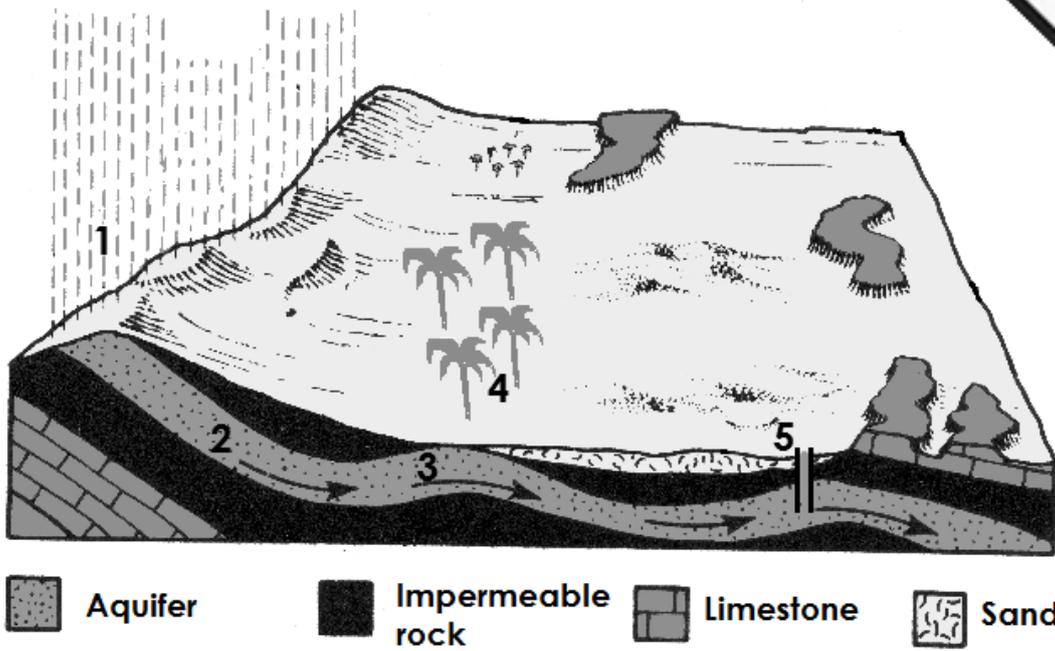


Figure 13