

**Annual Examinations for Secondary Schools 2019**

**YEAR 11**

**GEOGRAPHY (GENERAL)**

**TIME: 1h 45min**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

**Section A**

**Answer all the questions in this section.**

1. Figure 1, shows a Stevenson's screen. Answer the following questions by marking the correct answer with a ✓.



Figure 1

- (a) In the Stevenson's screen one finds:

thermometers and a hygrometer.	<input type="checkbox"/>
a wind vane.	<input type="checkbox"/>
a rain gauge.	<input type="checkbox"/>

- (b) A Stevenson screen is white:

to absorb as much sunshine as possible.	<input type="checkbox"/>
to make the environment look better.	<input type="checkbox"/>
to reflect the sun's rays.	<input type="checkbox"/>

- (c) A Stevenson screen is placed one metre above ground:

so that ground temperature does not affect air temperature.	<input type="checkbox"/>
during storms.	<input type="checkbox"/>
when it is kept indoors.	<input type="checkbox"/>

(d) The sides of a Stevenson screen consist of shutters:

so that rainwater reaches the rain gauge.	
so that no wind passes through the box.	
so that air can circulate freely.	

(e) The Stevenson's screen should be placed:

close to trees and buildings.	
far away from trees and buildings.	
Inside a school.	

(5)

2. In column B write which process is being described in column A. Choose from:

**Evaporation**

**Condensation**

**Precipitation**

<b>Column A</b>	<b>Column B</b>
Water vapour turns into tiny droplets of water.	
Water in the sea and rivers turns into water vapour.	
Rain, snow and hail falling from clouds.	

(3)

3. Fill in figure 2 with these terms:

**Evaporation**

**Condensation**

**Precipitation**

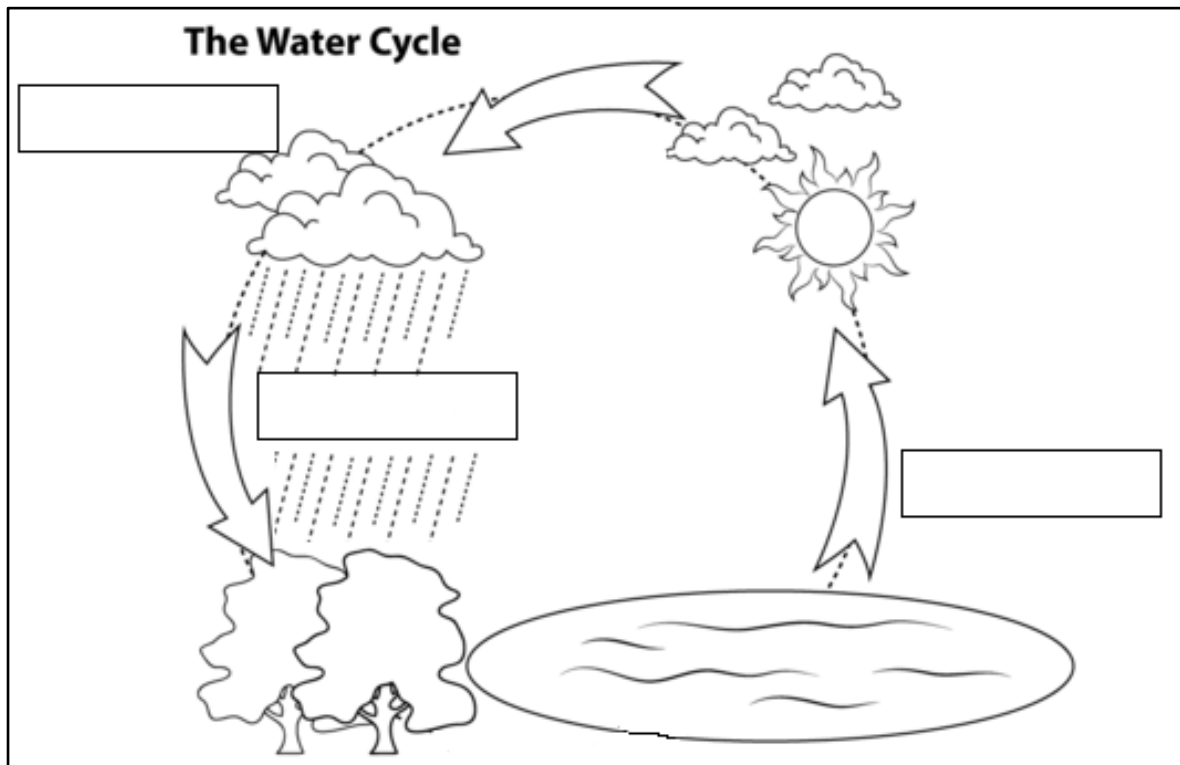


Figure 2

(3)

4. Figure 3 shows how an ecosystem works. Complete figure 3 by giving an example in each table. Choose from:

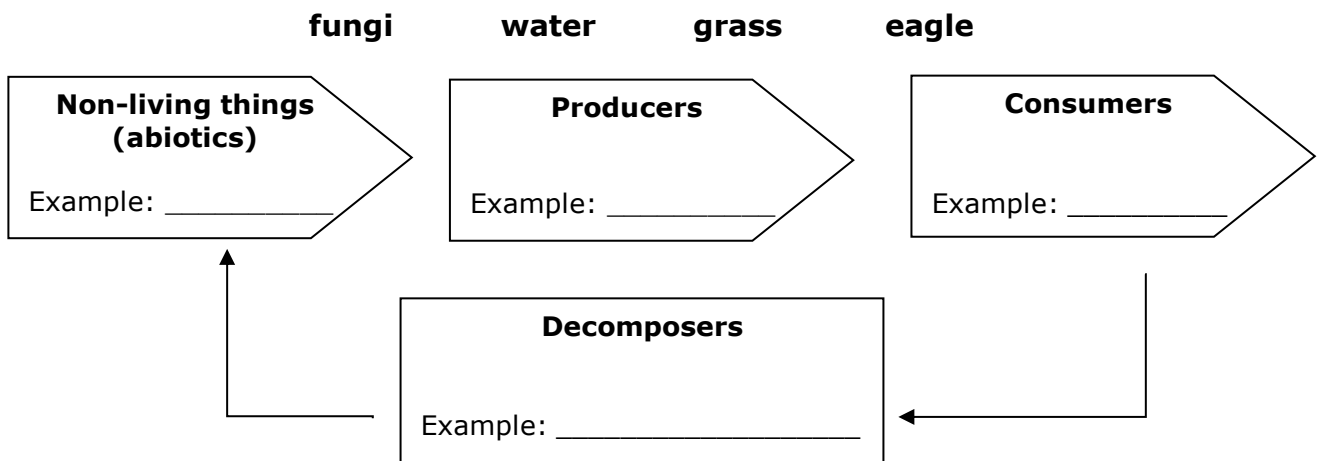


Figure 3

(4)

**Section B**

**Answer all questions in this section.**

5. Write whether these sentences are describing **weather** or **climate**. Note the example:

<i>Example: It rarely rains in the desert.</i>	<i>Climate</i>
Yesterday morning it was raining but in the afternoon it was sunny.	
In a hot desert you get less than 250mm of rain.	

(2)

6. Choose **three** weather instruments in figure 4 and underneath each instrument write:

- (a) the name of the weather instrument, and
- (b) which weather element it measures or shows.

T _____	A _____	R _____	W _____
What does it measure?	What does it measure?	What does it measure?	What does it show?

Figure 4

(6)

7. (a) Choose **one** of the weather instruments you chose in question 6 and write which is the best location for it in figure 5. Choose from locations A, B, C and D.

I chose the weather instrument \_\_\_\_\_ and would put it in location \_\_\_\_\_. (1)

(b) Give one reason for choosing this location.

\_\_\_\_\_  
 \_\_\_\_\_ (2)

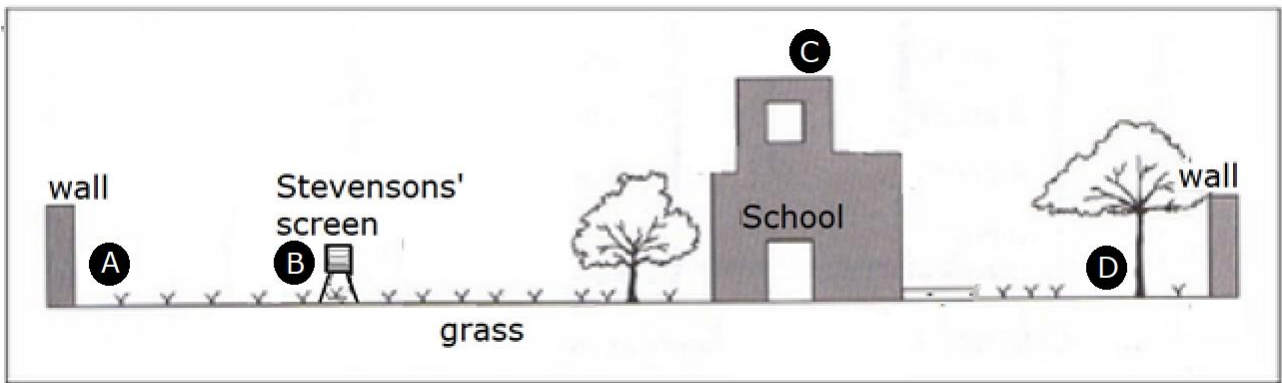


Figure 5

8. Figure 6 shows the three types of rainfall experienced in different parts of the world. Choose **one** of these rainfall types and explain how it forms. It is important to explain what is causing rainfall.

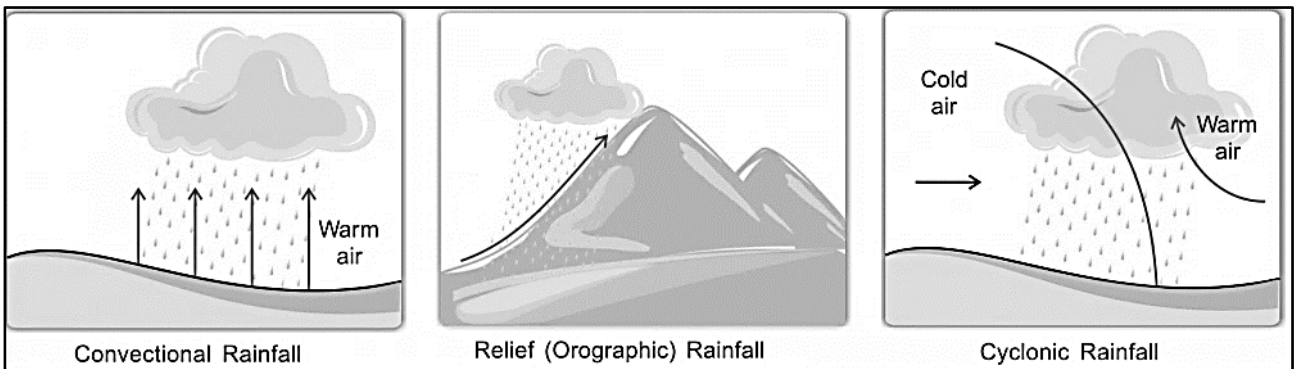


Figure 6

Rainfall type: \_\_\_\_\_

How does it form?: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(5)

9. (a) Figure 7 shows the weather map over Europe on the 6th of November 2018. Give the meaning of the letters **L** and **H** shown on figure 7.

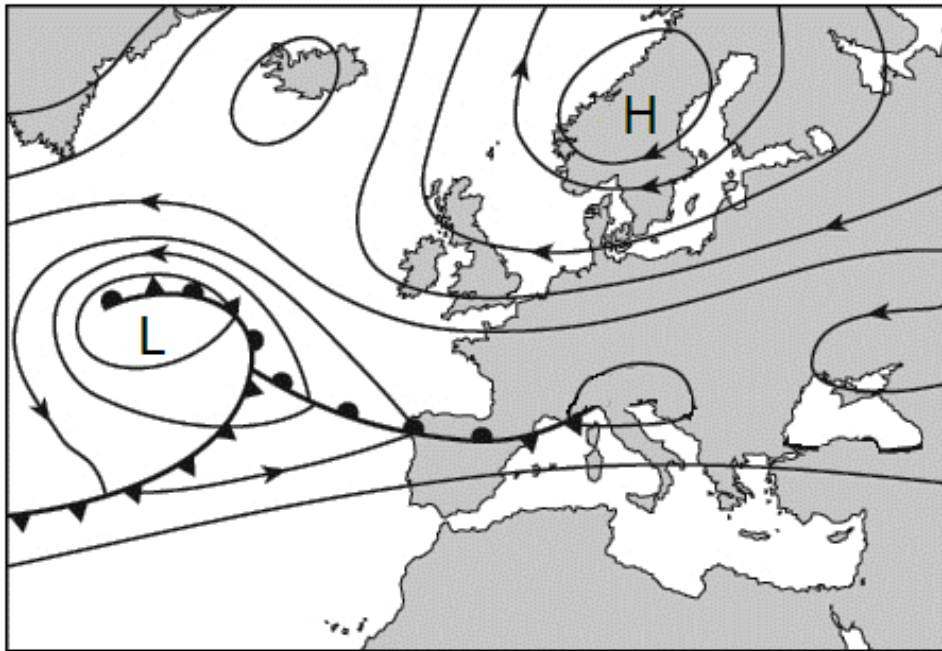


Figure 7

The letter L means \_\_\_\_\_

The letter H means \_\_\_\_\_ (2)

- (b) Briefly describe the weather at the places marked L and H. (Don't use terms like *nice* or *bad weather*).

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (3)

10. Read the following article and then answer the questions.

LOCAL

## Non-indigenous plants to be removed from Inwadar Park

Posted on 6th June 2018 - Updated 7th June, 2018 5:08pm

Work is underway at the National Park of Inwadar in the limits of Marsascala to remove non-indigenous plants. This is part of a project intended to rehabilitate this park. The chairman of the board responsible for the management of this park, Mr Borg, said that the first step is to stop illegal dumping in the park. An application for EU funds has also been submitted to restore the rubble walls in the park. At the moment **alien plants** are being removed from the park. Dr Buhagiar, a botanical expert, said that alien plants "are spreading very fast, are difficult to control and are taking up space that should be taken up by **indigenous plants**." As a result the number of **endangered species** in our country is on the rise. Dr Buhagiar said that indigenous plants will be planted instead of alien plants, including some that are in the risk of becoming **extinct**.

(i) Indigenous plants: \_\_\_\_\_

(ii) Alien plants: \_\_\_\_\_

(iii) Endangered species: \_\_\_\_\_

(iv) Extinct plants: \_\_\_\_\_

(4)

(b) Give **one** example of an indigenous plant or tree and of an alien plant or tree in the Maltese Islands.

An example of an indigenous plant : \_\_\_\_\_

An example of an alien plant: \_\_\_\_\_

(2)

(c) Briefly explain how alien species can harm the natural environment of the Maltese Islands.

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(4)

11. (a) Figure 8 shows places that have a Mediterranean climate. On the map, name **three** of these places.

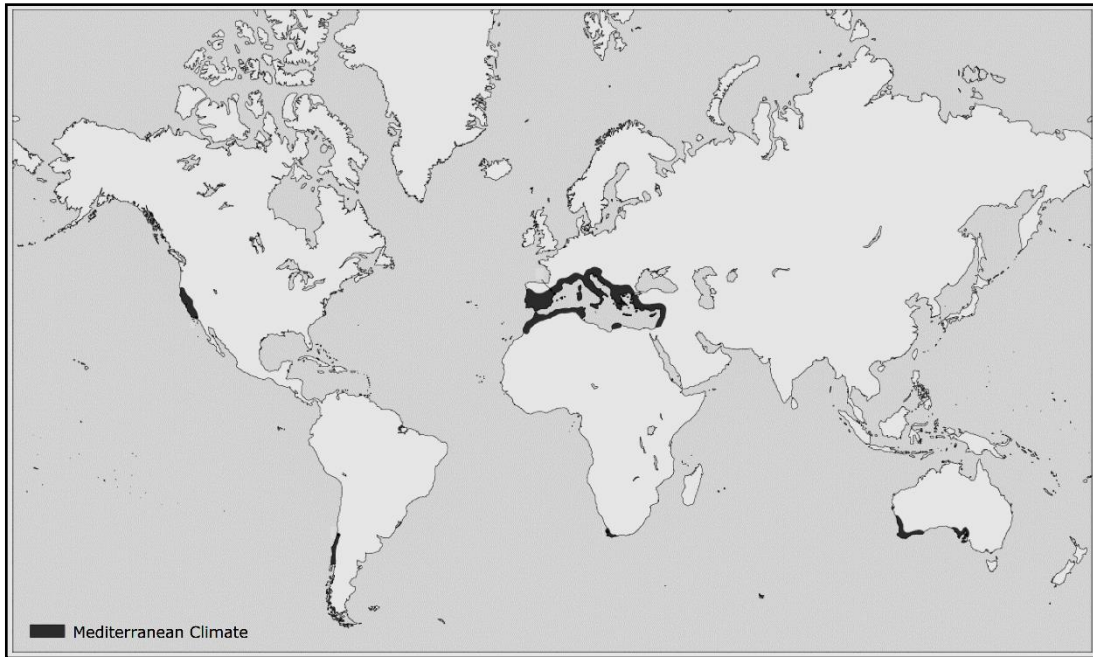


Figure 8

(3)

(b) Briefly describe the Mediterranean climate by referring to the changes in temperature and rainfall throughout the year.

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(5)

(c) Name **three** characteristics that help indigenous plants and trees survive in a Mediterranean climate.

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(6)

**Section C**

**Answer all questions in this section. Answers should be detailed.**

12. In the Maltese Islands there are a number of nature reserves.

(a) What is a nature reserve?

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(2)

(b) Name **one** nature reserve in the Maltese Islands and describe the natural environment that can be found in this reserve.

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(6)

(c) Name **two** species of animals, birds or plants that can be found in this nature reserve.

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(2)

(d) Explain **three** ways how the biodiversity in this nature reserve can be lost.

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(6)

(e) Explain briefly the work carried out by environmental groups and entities to protect nature reserves and the environment in general.

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(4)



13. Figure 9 shows the temperatures in four different cities – London, Berlin, Warsaw and Kiev. All these cities are found, more or less, at the same latitude (50°N) but have different temperatures in summer and in winter.

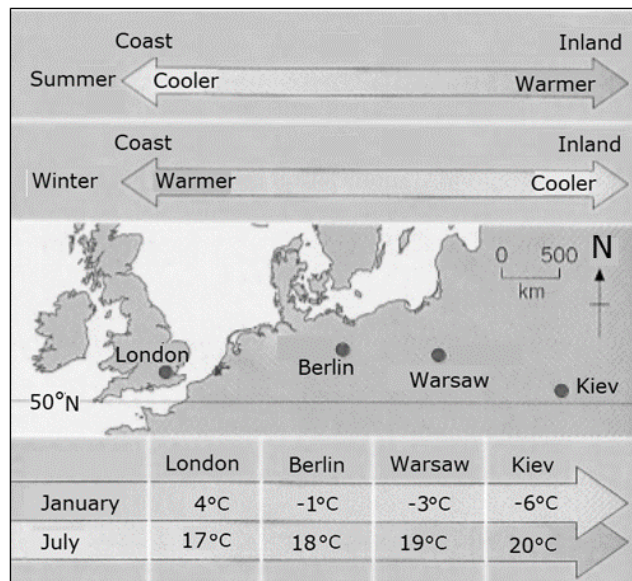


Figure 9

(a) Which is the warmest city in summer and why is it warmer than the other cities?

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(5)

(b) Explain why London is the warmest city in winter.

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(6)

(c) The average temperature of Malta (36°N) in July is 27°C. Why are average temperatures in London, Berlin, Warsaw and Kiev lower than the average temperature in Malta in July?

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(6)

(d) Give **one** reason why the lowest temperatures in Malta are recorded at Dingli Cliffs.

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(3)