

Annual Examinations for Secondary Schools 2019

Year 11 **GEOGRAPHY (Option)** **TIME: 1h 45min**

Name: _____ **Class:** _____

Instructions to Candidates

Answer **all** questions in the space provided. Write your answers neatly and in correct English. Credit will be given for relevant illustrations. The marks for individual questions are shown in round brackets: e.g. (4). There are 10 questions in all. The total mark for this paper is 90. The use of blank paper, pieces of string and calculators is allowed.

Examiner's use only

Question No.	1	2	3	4	5	6	7	8	9	Written Exam	Fieldwork Report	Total
Max. Mark	12	8	12	10	10	10	10	8	10	90	10	100
Score												

- 1.** Study carefully figure 1 on page 3 and then work out the exercises. The scale of the map is **1:25000** or 4 cm:1 km.
- a. Sannat is found in grid square (3288, 3187, 8731, 3186). **(1)**
- b. The compass direction from Victoria to Munxar is (North, South, south-east, north-east). **(1)**
- c. Give the six figure grid reference of:
- i. Torri ta' Xlendi marked by the letter **A**. _____
- ii. Katakombi at Victoria/ Rabat marked by the letter **B**. _____ **(2)**
- d. Measure the straight line distance, in metres or kilometres, between the chapel at point D (kappella) at Xlendi and point B at the catacombs (Katakombi).
 _____ **(2)**
- e. Calculate the distance along the main road between the same two points (point D and B).
 _____ **(2)**
- f. According to the map, the coast at grid squares 3086, 3186 and 3286 is mostly made up of (sandy beaches, boulders, cliffs, marshes, lagoons). **(1)**
- g. Moving along the line from A to C in grid square 2987, one would be moving (downhill, uphill, up and down, down and up). **(1)**
- h. State whether there is intervisibility between point A and point C.
 _____ **(1)**
- i. Gozo is an island of hills. By carefully looking at the map, mention a hill found in the area.
 _____ **(1)**

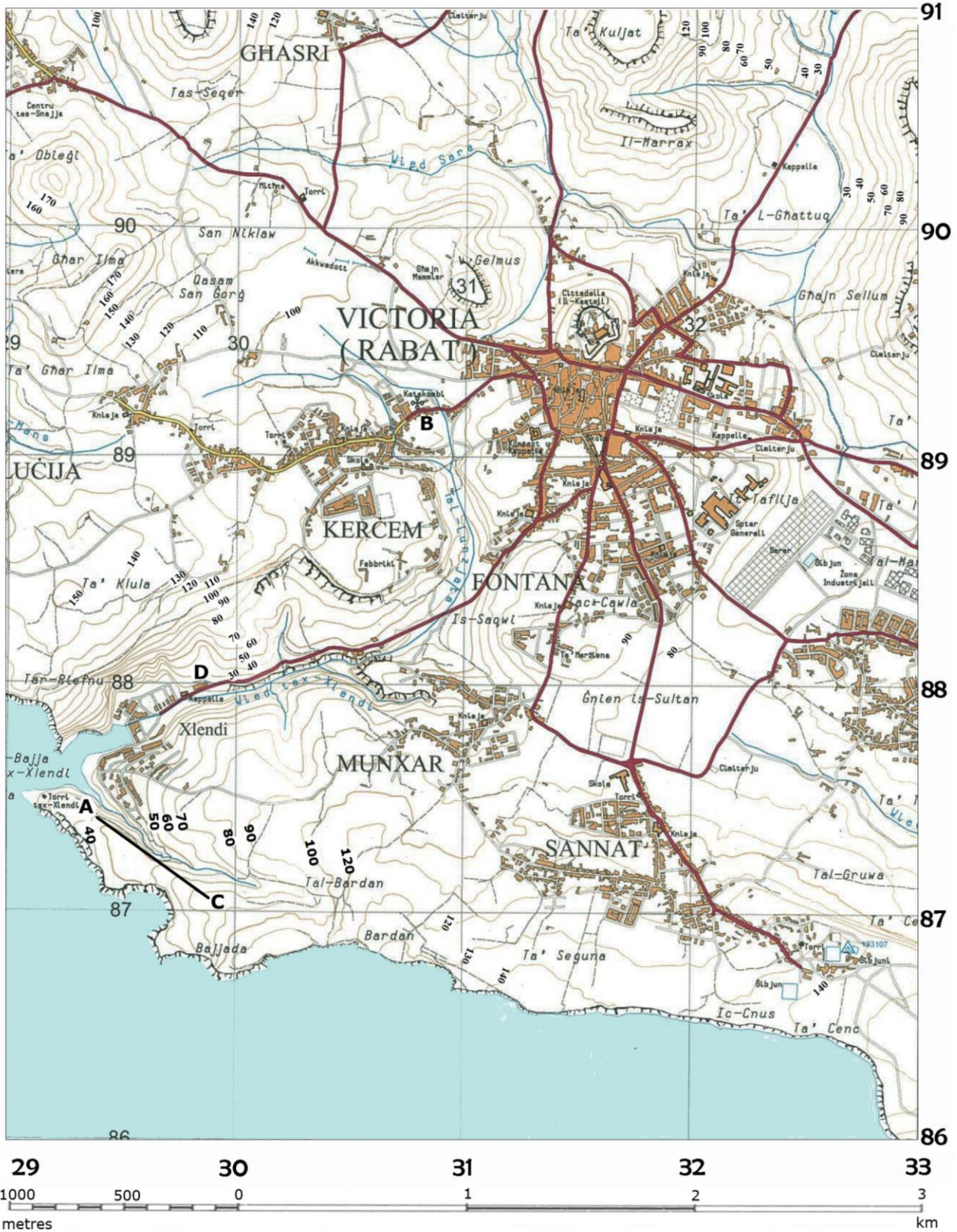


Figure 1

2. Look at figure 2 showing the map of the Mediterranean Region and North Africa, and then name the following.

a. **Major Biomes.**

(Choose from: Savanna Grasslands, Hot Desert, Tropical Rainforests, Mediterranean).

A _____

B _____

C _____

D _____

(4)

b. **Major ports.**

(Choose from: Port Said, Trieste, Genoa, Marseilles).

1 _____

2 _____

3 _____

4 _____

(4)

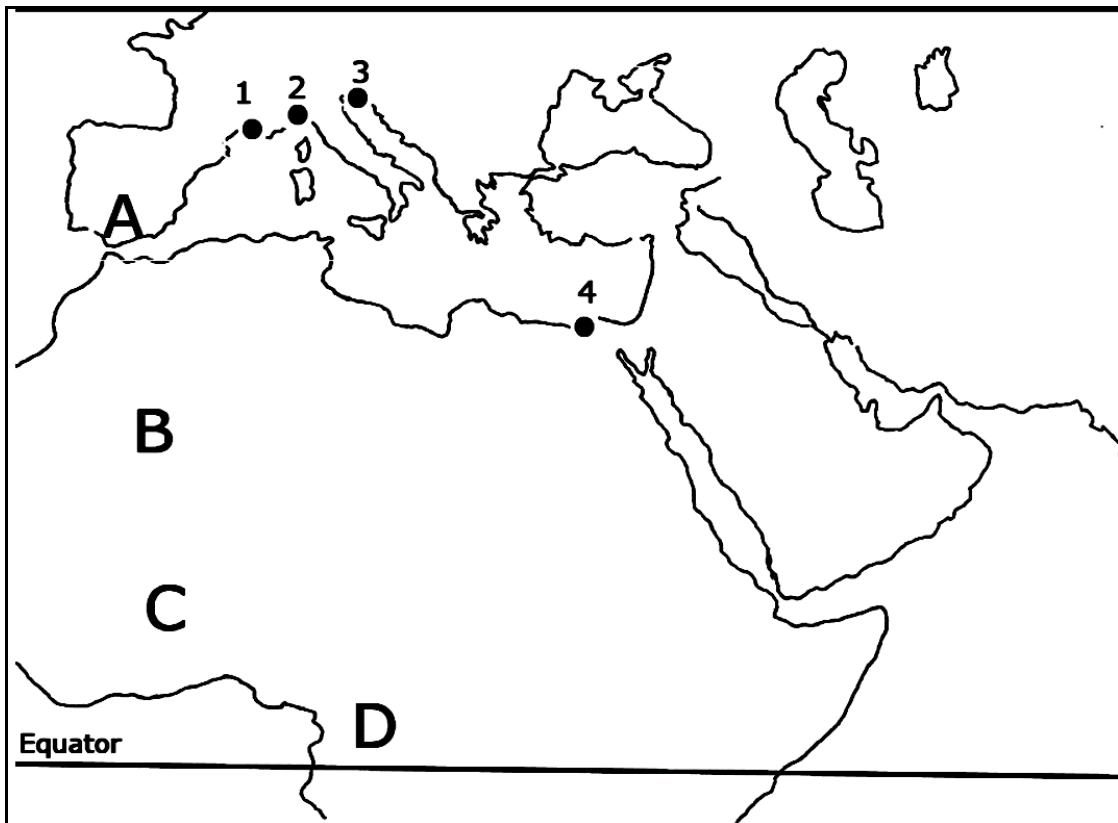
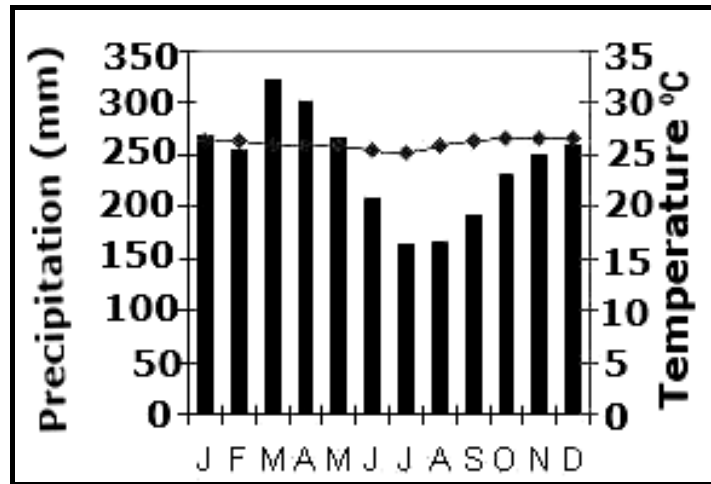


Figure 2

3. The climate graphs in figure 3 show the equatorial type of climate.



Equatorial Climate
Figure 3

a. Name **two** areas that have an equatorial type of climate.

_____ (2)

b. With the help of figure 3 describe **four** characteristics of the equatorial climate.

 _____ (4)

c. The tropical rainforest is found in the equatorial type of climate. With the help of figure 4 explain **three** ways by which plants have adapted to survive in the tropical rainforest.

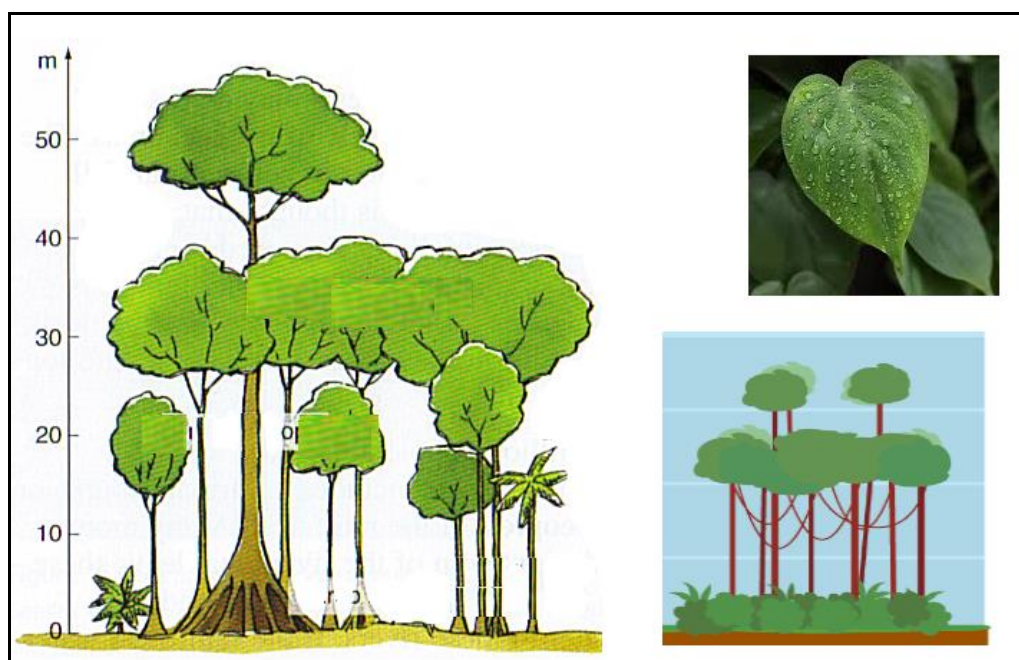


Figure 4

4. Examine the photographs in figure 5 showing glacial features.

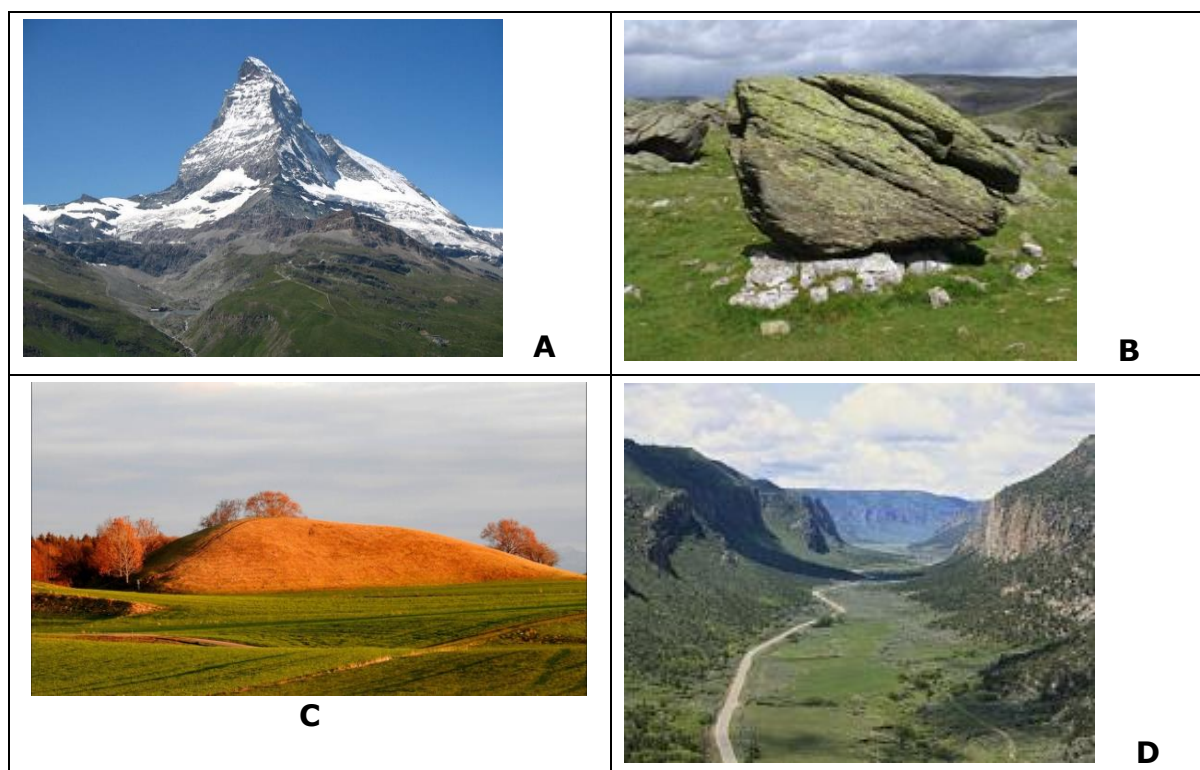


Figure 5

- a. i. Insert the correct letter in the table below to identify each of the glacial feature in figure 5.
 ii. State whether each feature was formed by the process of erosion or by the process of deposition.

Feature	Letter	Process of erosion/deposition
Drumlin		
Erratic		
Pyramidical Peak		
Glacial trough		

(4)

- b. Choose **two** glacial features listed in the table above and describe how these are formed.

Glacial feature _____

Glacial feature _____

(6)

5. Look at figure 6 showing the position of the earth on the 21st June.

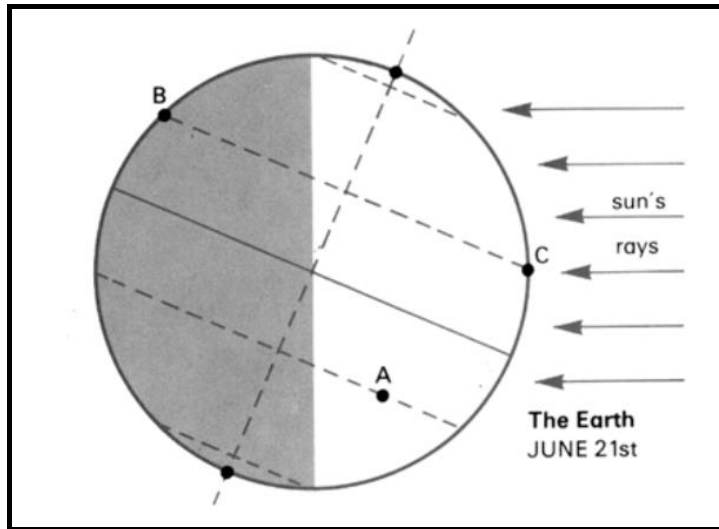


Figure 6

a. Would point A experience longer days or longer nights? Give a reason for your answer.

(3)

b. On the 21st June, at which pole can you see the midnight sun? Give a reason for your answer.

(3)

c. Would it be summer or winter in the Maltese Islands?

(1)

d. Would point A or point C experience a winter solstice?

(1)

e. Explain what a winter solstice is.

(2)

6. Answer the following questions.

a. What is a multinational company?

(2)

b. Give **two** reasons why multinational companies locate in Less Economically Developed Countries (LEDCs).

(4)

c. Give **one** advantage and **one** disadvantage of having multinational companies in a developing country.

Advantage _____

Disadvantage _____

(4)

7. Economic activities are classified as primary, secondary, tertiary and quaternary.
- a. With a ✓ mark whether these industries are primary, secondary, tertiary or quaternary.

Industry	Primary	Secondary	Tertiary	Quaternary
Car manufacturing				
Coal mining				
Food factory				
Teaching				
Farming				
Fishing				
Dentistry				
Computer programming				

(4)

- b. Explain what type of industries form part of the quaternary sector.

(2)

- c. The table below shows the inputs, processes and outputs of a car industry. Fill in the table with the following terms:

workforce electricity car parts for sale
 car assembly finished product processing car parts
 raw material testing car parts

Inputs	Processes	Outputs

(4)

8. Study the diagram (figure 8) which shows a simplified food chain.

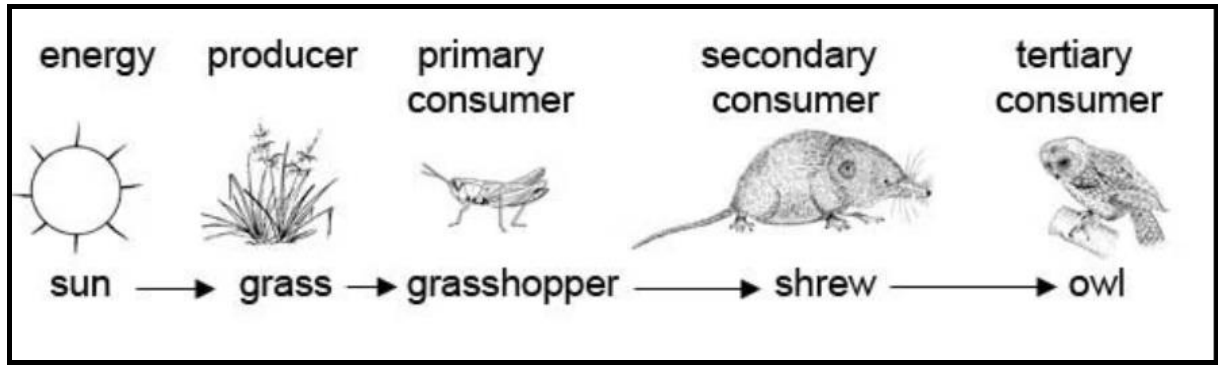


Figure 8

a. What is a food chain?

_____ (2)

b. What is the source of energy in any food chain?

_____ (1)

c. Herbivores and carnivores are consumers. Explain what herbivores and carnivores are.

_____ (2)

d. In a food chain there are also decomposers. Give an example of a decomposer.

_____ (1)

e. Explain the role of decomposers in an ecosystem.

_____ (2)

9. a. What is the difference between deforestation and sustainable forestry?

(4)

b. Explain how deforestation can contribute to climate change.

(2)

c. Explain why heli-logging and replanting are a good example of sustainable management.

(4)