

Annual Examinations for Secondary Schools 2022

YEAR 11	GEOGRAPHY (OPTION)	TIME: 1h 45min
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Name: _____

Class: _____

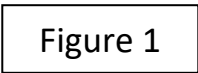
Instructions to Candidates

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 8 questions in all. The total mark for this paper is 100. 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	Total
Max. Mark	15	10	12	12	10	9	16	16	100
Score									

- 26 27 28 29 30 31



(a) Kerčem is in grid square (2986, 3089, 2789, 8927). (1)

(b) Give the six-figure grid reference of the trigonometrical station at F.

_____ (2)

(c) The compass direction from Kerčem to Xlendi Bay is (North, north-west, south-west, South). (1)

(d) On the map, mark with an **S** an area where the land is steep. (1)

(e) Measure the length of coast from point A to point B. Give your answer in kilometres.

(3)

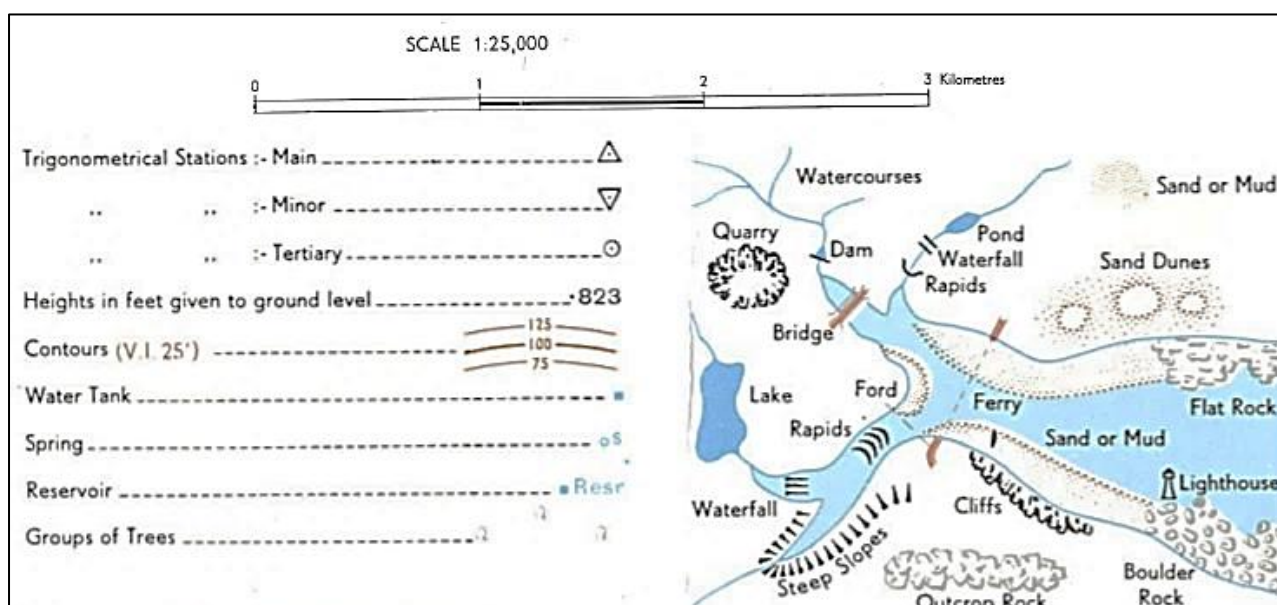
(f) Use the key to describe the topography of the coastline from points A to B.

(2)

(g) Name **one** economic activity practised in grid square 2788.

(2)

(h) At Dwejra Bay the sea will be calm when the wind is blowing from (the East, the West, the North-West). (3)



Legend/Key to Figure 1

2. Use figure 2, showing the map of the world, to answer the following questions:

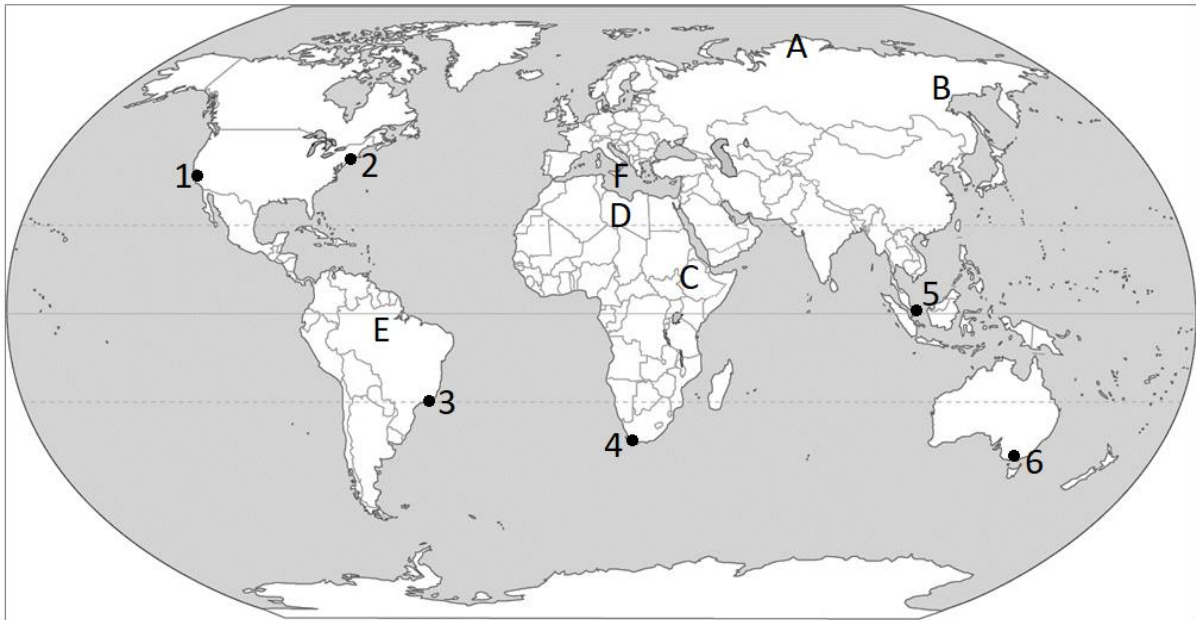


Figure 2: Map of the world

a. Write the corresponding letter, A to F, of **five** of the following major biomes marked on figure 2.

	Savanna Biome
	Hot Desert Biome
	Mediterranean Biome
	Tundra Biome
	Taiga Biome
	Tropical Rainforest Biome

(5)

b. Write the name of **five** of the following cities marked with the numbers 1 to 6 on Figure 2. Choose from: San Francisco, Tokyo, Marseilles, New York, Melbourne, Rio de Janeiro, Cape Town, Singapore.

1	
2	
3	
4	
5	
6	

(5)

3. Use figure 3 to answer the following questions.

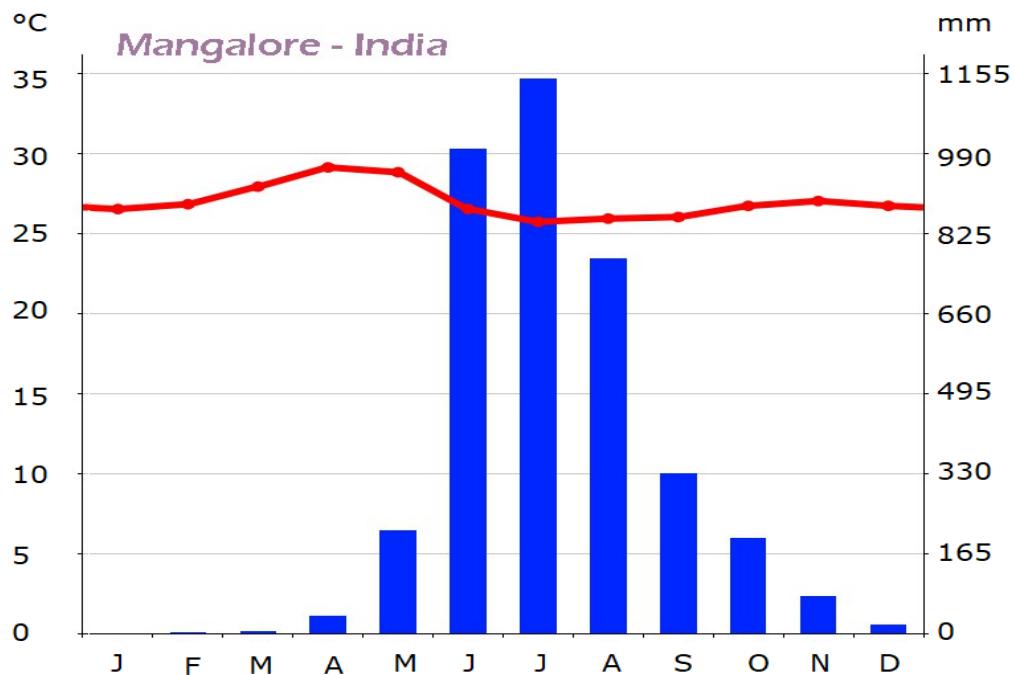


Figure 3

(a) Underline the correct answer:

- (i) Temperature on the climate graph is shown by a (line graph / bar graph).
- (ii) Rain on the climate graph is shown by a (line graph / bar graph).
- (iii) The climate graph is typical of the (Mediterranean / Monsoon / Equatorial) climate.
- (iv) The total annual rainfall in Mangalore, India is (1120mm / 330mm, 3800mm).

(1, 1, 1, 1)

(b) Identify the month with the highest temperature.

(1)

(c) Identify the month with the highest rainfall.

(1)

- (d) With the help of figure 4, explain what causes high rainfall between June and August in the Indian sub-continent.

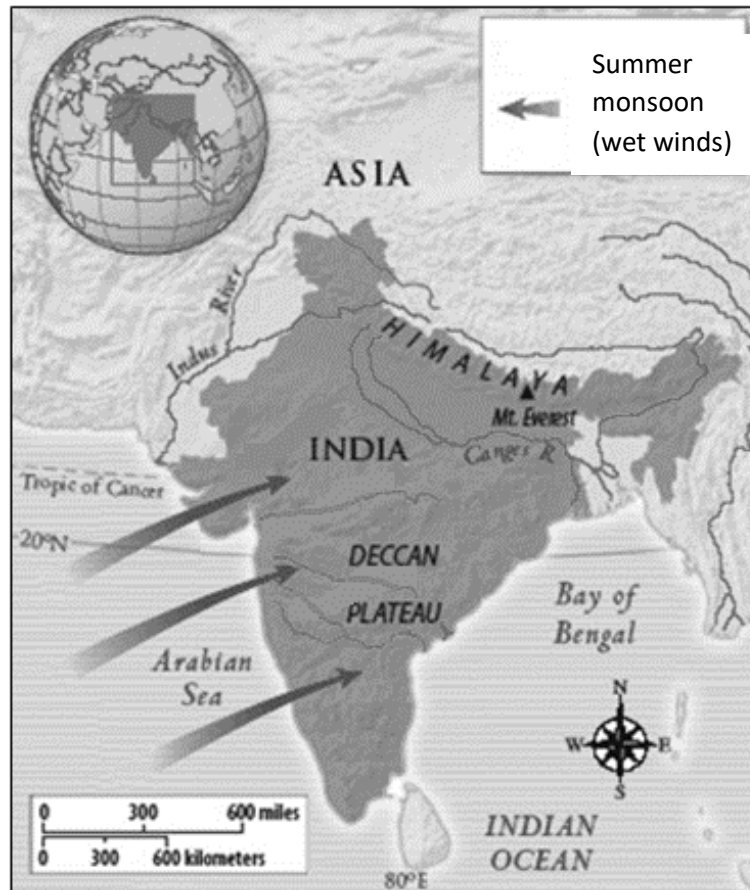


Figure 4

(6)

4. Study figure 5 and then answer the following questions:

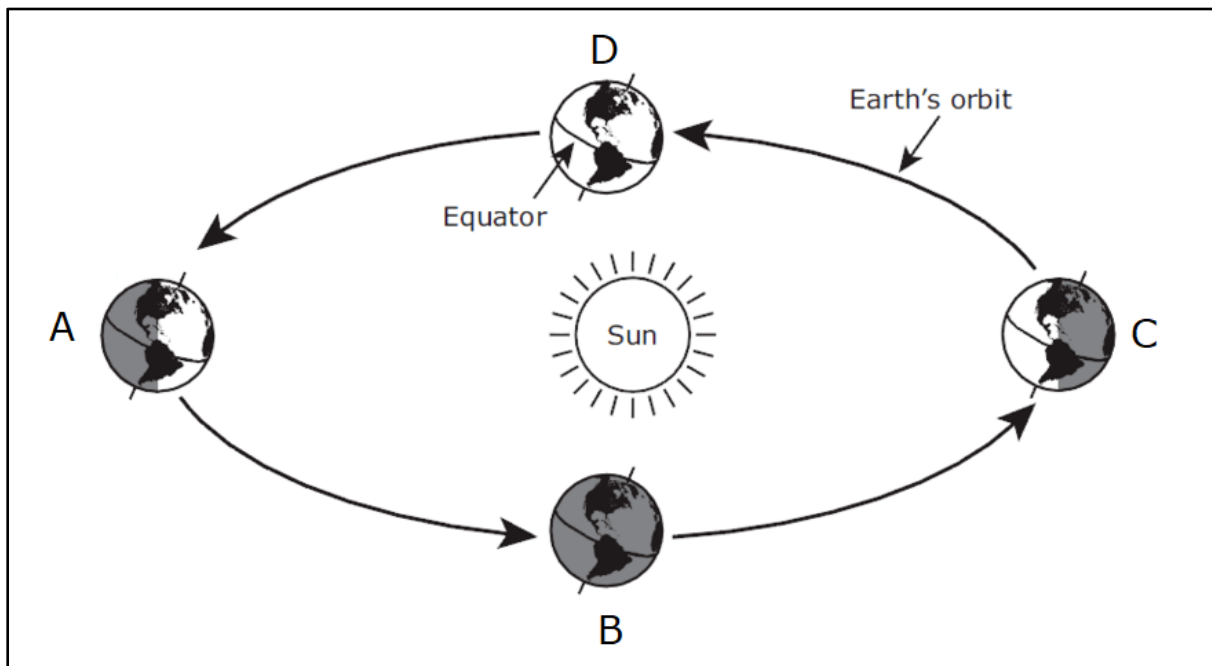


Figure 5

(a) What is the season in the Northern hemisphere at Position A?

_____ (2)

(b) At Position B, which hemisphere would experience autumn?

_____ (2)

(c) At which position does the Northern hemisphere have the shortest days?

_____ (2)

(d) At which position does the North Pole have 24 hours of daylight?

_____ (2)

(e) What causes 24 hours of daylight in the North Pole during summer?

_____ (4)

5. (a) Deindustrialisation is one cause of industrial change. Define the term **deindustrialisation**.

(4)

- (b) With reference to the Rhine-Ruhr region in Germany or South Wales, give **one** factor that originally attracted industries in the area.

(2)

- (c) With reference to the Rhine-Ruhr region in Germany or South Wales, give **two** reasons for the decline in primary and secondary industries in the region.

(4)

6. A manufacturing factory can be regarded as a system with inputs, processes and outputs. Name **one** manufacturing industry and complete the flow diagram in figure 6 with examples of **four** inputs, **two** processes and **two** outputs of this industry.

Name of industry: _____

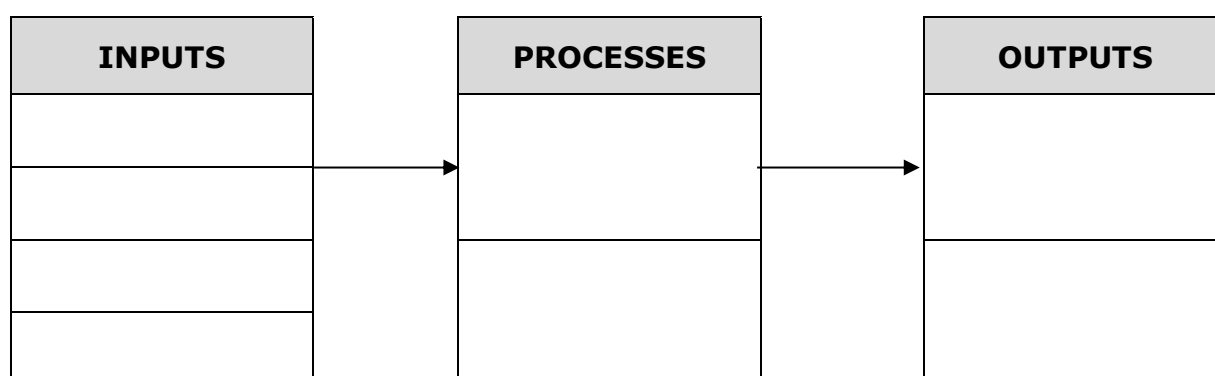


Figure 6

(1, 8)

7. (a) Deforestation is a global environmental issue. Define the term **deforestation**.

(4)

(b) Discuss **two** environmental impacts of deforestation in the Amazon Rainforest.

(6)

(c) Describe **two** ways in which rainforest development can be sustainable.

(6)

8. (a) Define the term **ecosystem**.

(4)

(b) Give **one** example of a micro ecosystem.

(2)

(c) Give **one** example of a global ecosystem.

(2)

(d) An ecosystem is made up of both living and non-living components. Give an example of **one** living and **one** non-living component.

Living component	Non-living component

(4)

(e) Briefly explain how the living components of an ecosystem depend on the non-living components.

(4)