



**L-Università
ta' Malta**

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE
EXAMINATIONS BOARD

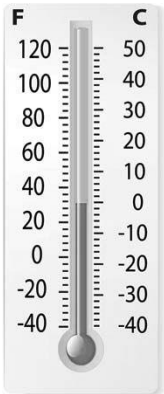
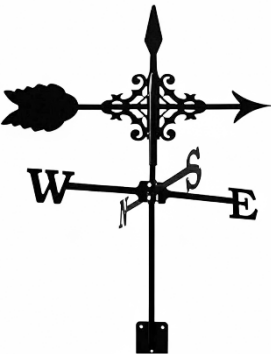
**SECONDARY EDUCATION CERTIFICATE LEVEL
2026 MAIN SESSION**

SUBJECT: **Geography**
PAPER NUMBER: I – Level 1-2-3
DATE: 22nd May 2026
DURATION: 2 hours 5 minutes

Answer **ALL** questions.

1. a. Name the weather instruments marked A to E in Table 1 below.

Table 1: Weather instruments

A	B	C
		
D	E	
		

(Sources: (a) kids.britannica.com; (b) en.wikipedia.org; (c) tfa-dostmann.de; (d) amazon.com; (e) science-sparks.com)

- i. Instrument A: _____ (1)
- ii. Instrument B: _____ (1)
- iii. Instrument C: _____ (1)
- iv. Instrument D: _____ (1)
- v. Instrument E: _____ (1)

b. What weather elements do the instruments in Table 1 measure?

i. Instrument A: _____ (1)

ii. Instrument B: _____ (1)

iii. Instrument C: _____ (1)

iv. Instrument D: _____ (1)

v. Instrument E: _____ (1)

(Total: 10 marks)

2. Figure 1 is a climate graph for Tokyo, Japan. Read it carefully and answer the following questions:

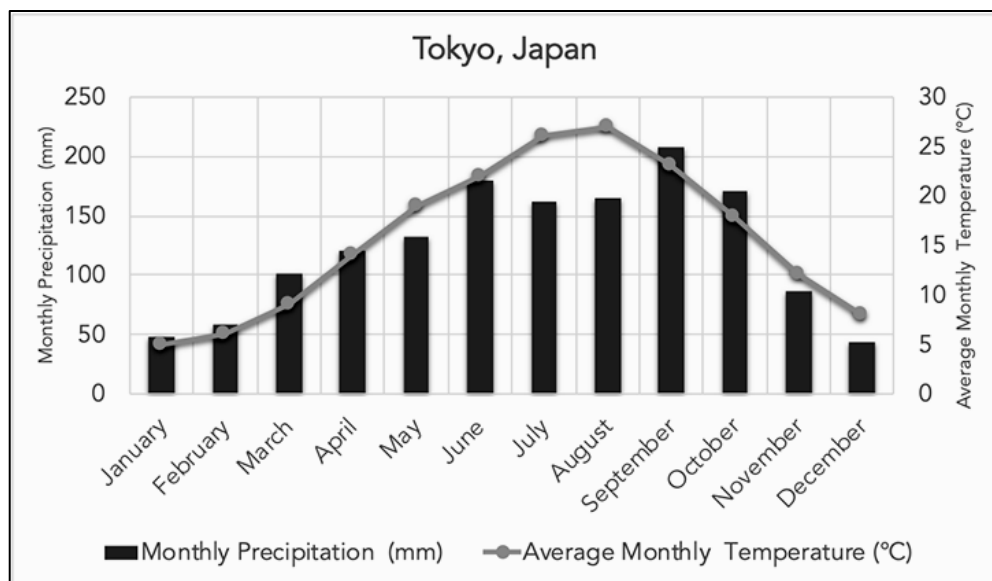


Figure 1
(Source: *geographypods.com*)

a. What type of graph shows rainfall?

_____ (1)

b. What type of graph shows temperature?

_____ (1)

c. From Figure 1, which is the wettest month?

_____ (1)

d. From Figure 1, which is the driest month?

_____ (1)

e. From Figure 1, which is the warmest month?

_____ (1)

f. From Figure 1, which is the coldest month?

_____ (1)

g. From Figure 1, which is the warmest season in Japan?

_____ (1)

h. From Figure 1, which is the wettest season?

_____ (1)

i. Estimate the total rainfall for the months of October, November and December.

_____ (2)

(Total: 10 marks)

3. With the help of a well-labelled diagram, explain in detail the formation of relief (orographic) rainfall.

Space for diagram:



(5)

_____ (5)

(Total: 10 marks)

Please turn the page.

4. Figures 2 and 3 show different coastal features. Study these and answer the following questions.

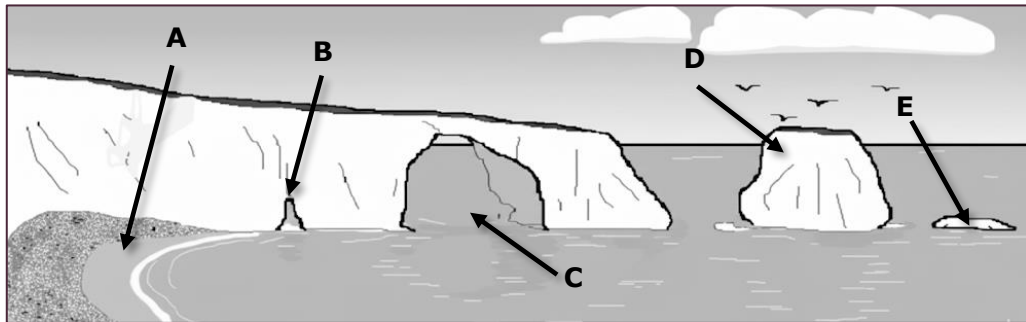


Figure 2
(Source: AI-generated by gemini.ai)

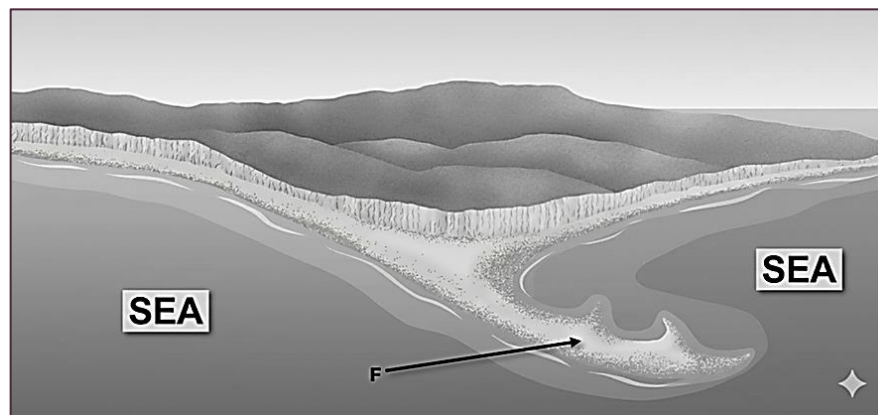


Figure 3
(Source: AI-generated by gemini.ai)

- a. Name the coastal features A to F in Figures 2 and 3 created by erosion and deposition.

A: _____

B: _____

C: _____

D: _____

E: _____

F: _____

(6)

- b. Give **TWO** examples to show how coastal erosion leads to loss of land and property.

i. Example 1

(2)

ii. Example 2

(2)

(Total: 10 marks)

5. a. Briefly describe the following coastal erosional processes:

i. Hydraulic Action

(2)

ii. Solution

(2)

b. Describe the following coastal management strategies used to prevent coastal erosion:

i. Groynes

(3)

ii. Wave deflectors

(3)

(Total: 10 marks)

Please turn the page.

6. a. Define the following terms:

i. Weathering

(3)

ii. Erosion

(3)

b. Figure 4 shows karst limestone features. Name the features marked A to D on Figure 4.

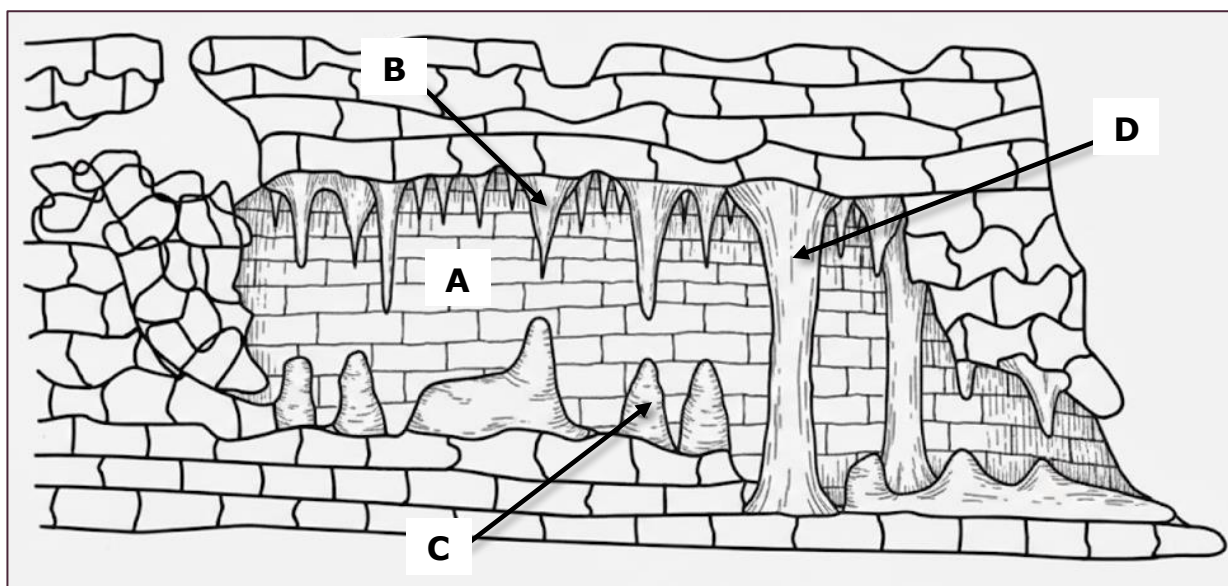


Figure 4
(Source: AI-generated by gemini.ai)

A: _____

B: _____

C: _____

D: _____

(4)

(Total: 10 marks)

7. a. Explain **TWO** positive effects and **TWO** negative effects of Transnational Corporations (TNCs).

i. Positive effects

(4)

ii. Negative Effects

(4)

b. Discuss **TWO** limitations of the Human Development Index (HDI) when measuring the development of a country.

(7)

(Total: 15 marks)

Please turn the page.

8. a. Discuss **ONE** advantage and **ONE** challenge of having an economy dependent on the quaternary industry.

i. Advantage

(4)

ii. Challenge

(4)

b. Discuss **TWO** ways by which the Sustainable Development Goals (SDGs) aim to combat development problems.

(7)

(Total: 15 marks)

9. a. Describe an area suitable for a fieldwork investigation by giving examples.

(4)

b. Write **TWO** aims for the fieldwork or a simple hypothesis.

(6)

(Total: 10 marks)

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**SECONDARY EDUCATION CERTIFICATE LEVEL
2026 MAIN SESSION**

SUBJECT:	Geography
PAPER NUMBER:	II – Level 1-2
DATE:	22 nd May 2026
DURATION:	2 hours 5 minutes

SECTION A

Answer **ALL** Questions.

1. Study the topographical map, shown in Figure 1, and answer the questions which follow. The map scale is 1:25,000, and the map's key/legend is provided below. Map contours are given in metres.

a. Underline the correct answer:

- i. The grid square for It-Torri ta' Mgarr ix-Xini, marked **A** is (3486; 8635; 8934; 3387). (1)
- ii. The grid square for Rdum tat-Tafal, marked **B** is (8633; 3589; 3686; 8736). (1)

b. Identify the place located at grid reference 344875. _____ (2)

c. Measure the straight-line distance in kilometres between Point **C** at Il-Port tal-Imġarr and Point **D** at Ta' Bordin.

_____ (3)

d. What is the height above sea level of Point **E**? Give your answer in metres.

_____ (2)

e. Underline the correct answers:

- i. In-Nadur is to the (North; East; South) of l-Imġarr. (1)
- ii. Bin Ġemma is to (Northwest; Southeast; Northeast) of Ta' Hida. (1)

f. Using the map key in Figure 1, what human feature is found at Point **F**?

_____ (2)

g. If you walked south-westwards from grid reference 349893, would you be walking uphill or downhill? How did you reach this conclusion?

_____ (2)

(Total: 15 marks)

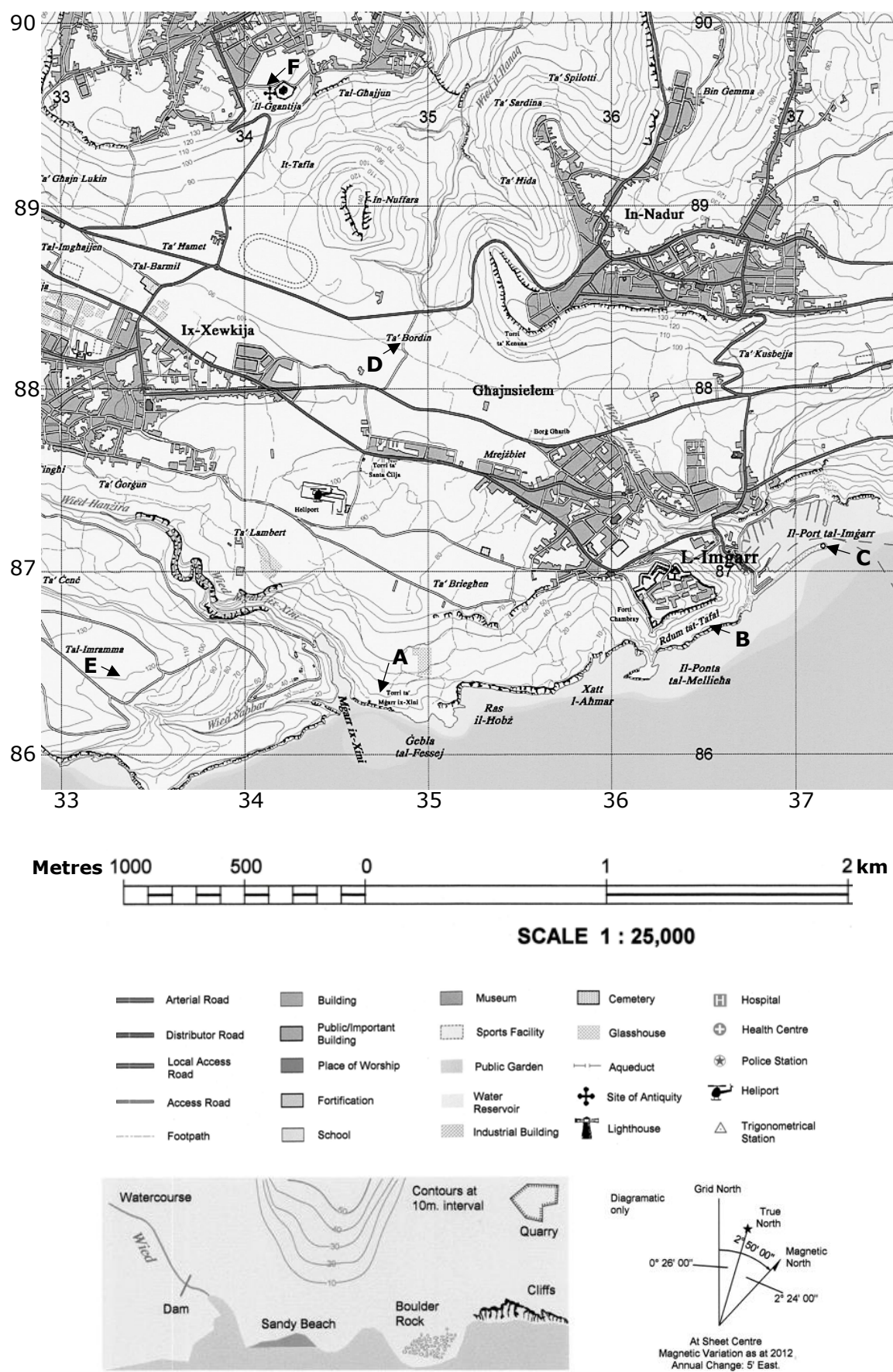


Figure 1: Map extract of L-Imġarr (Gozo) and the surrounding areas.
(Adapted from: Planning Authority 25A/2018/G edition.)

SECTION B

Answer **ALL** Questions.

2. Weather patterns are influenced by pressure systems and large scale-storm processes.

a. Briefly describe the weather conditions associated with:

i. Low pressure systems:

(2)

ii. High pressure systems:

(2)

b. Tropical storms, also known as hurricanes or cyclones, typically form over warm ocean waters near the equator, between 5° and 20° latitude.

i. Describe the type of weather associated with tropical storms.

(2)

ii. Describe **ONE** effect of tropical storms on the environment.

(2)

This question continues on next page.

iii. Describe **TWO** effects of tropical storms on people.

(4)

(Total: 12 marks)

3. a. Describe **TWO** physical causes of flooding.

(4)

b. Describe a river flooding event.

(2)

c. Describe **TWO** impacts of a river flooding event on people and the environment.

(4)

(Total: 10 marks)

4. a. Label Figure 2 using the following terms:

(3)

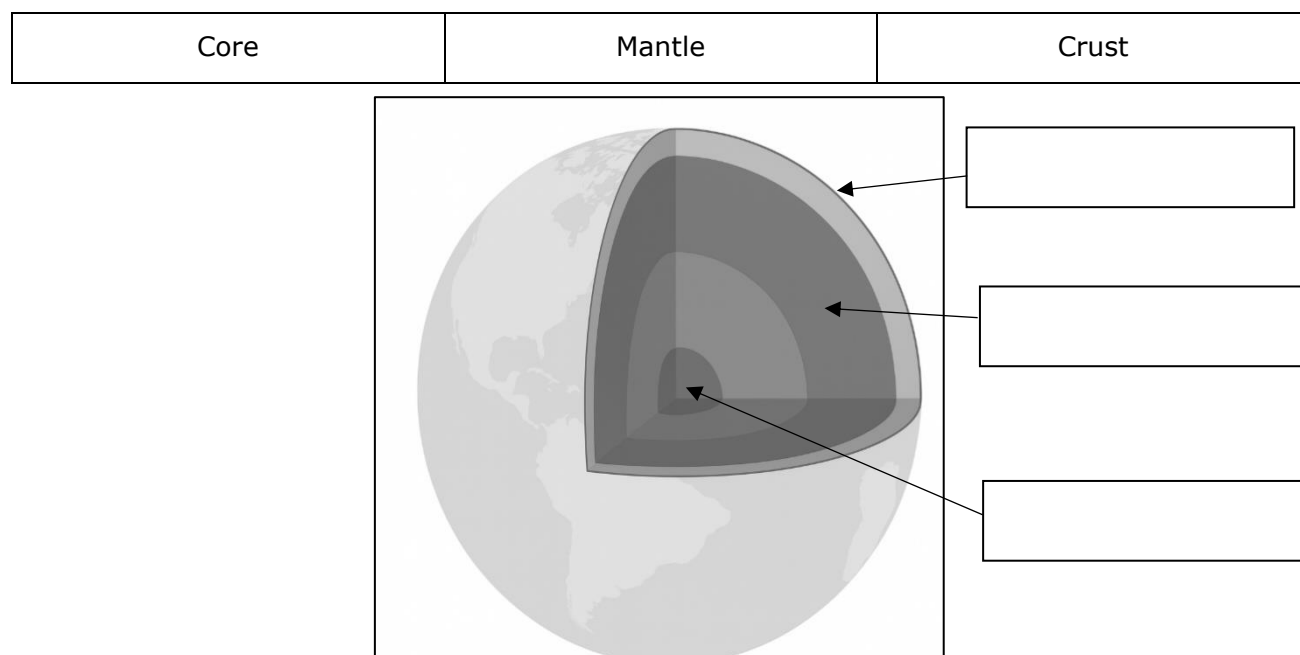


Figure 2: Earth's internal structure.
 (Adapted from: <https://researchgate.net>)

b. Figure 3 shows a cross-section of a composite volcano. Use the terms given below to annotate the diagram. (5)

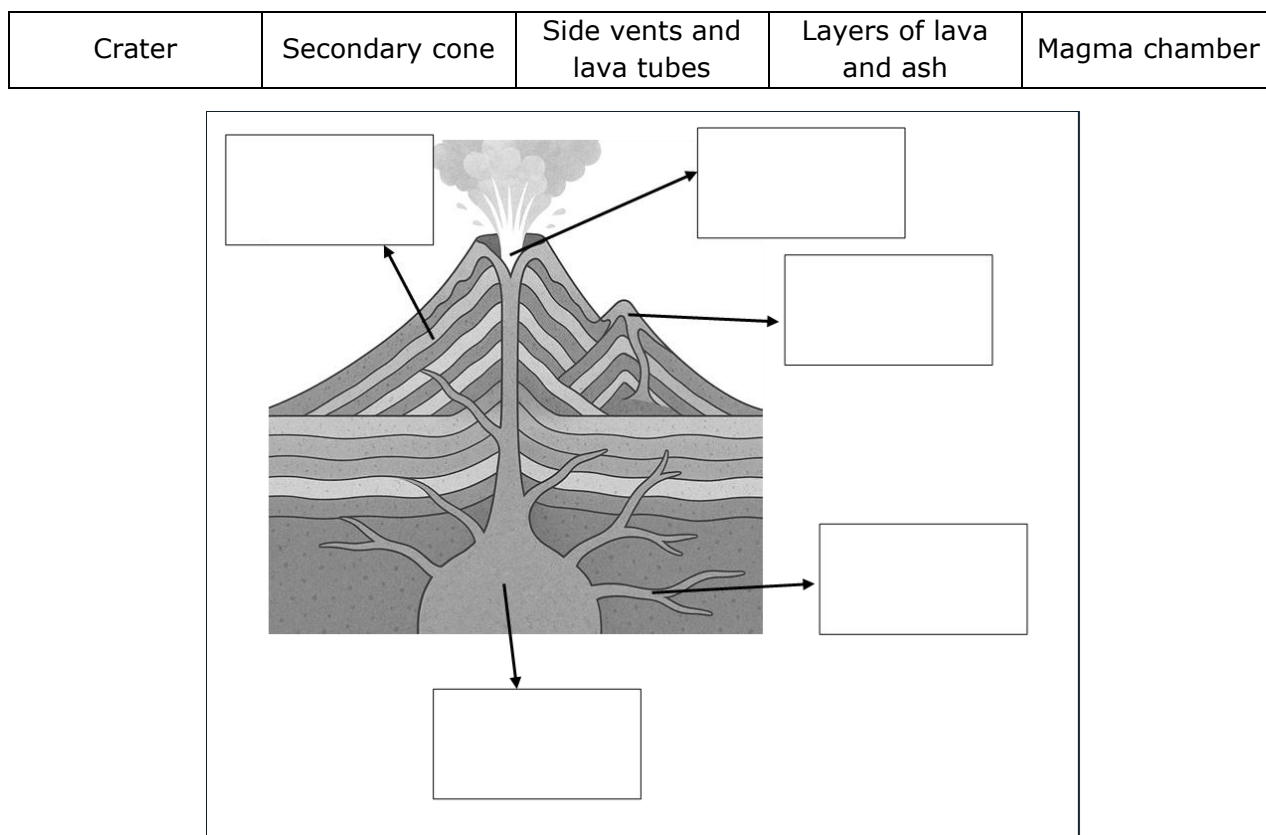


Figure 3: Cross-section of a composite volcano.
 (Source: AI-generated by Microsoft Copilot)

This question continues on next page.

c. List **TWO** positive and **TWO** negative effects volcanoes have on an area or country.

i. Positive effect 1: _____ (1)

ii. Positive effect 2: _____ (1)

iii. Negative effect 1: _____ (1)

iv. Negative effect 2: _____ (1)

(Total: 12 marks)

5. a. What are the main differences between non-renewable and renewable energy resources?

_____ (2)

b. An oil spillage accident occurs when oil is accidentally released into the environment. Describe **TWO** effects of an oil spillage accident on the physical environment.

_____ (4)

c. List **TWO** advantages and **ONE** challenge of generating solar energy.

i. Advantage 1: _____ (1)

ii. Advantage 2: _____ (1)

iii. Challenge: _____ (1)

(Total: 9 marks)

6. a. Briefly describe how **each** of the following activities cause deforestation:

i. Farming:

(2)

ii. Population pressure:

(2)

iii. Mining:

(2)

b. Describe **TWO** measures that can be taken to conserve forests.

i. Measure 1:

(2)

ii. Measure 2:

(2)

(Total: 10 marks)

Please turn the page.

7. a. Differentiate between voluntary and forced migration.

(4)

b. List **TWO** problems faced by migrants.

i. Problem 1:

(2)

ii. Problem 2:

(2)

c. List **TWO** effects that migration has on the receiving country.

i. Effect 1:

(2)

ii. Effect 2:

(2)

(Total: 12 marks)

8. a. List **FOUR** indicators used to measure development.

i. Indicator 1: _____ (1)

ii. Indicator 2: _____ (1)

iii. Indicator 3: _____ (1)

iv. Indicator 4: _____ (1)

b. Identify **ONE** reason for an increase in the Secondary Industry.

_____ (2)

c. Identify **ONE** reason for an increase in the Tertiary Industry.

_____ (2)

d. Identify **ONE** reason for an increase in the Quaternary Industry.

_____ (2)

(Total: 10 marks)

Please turn the page.

9. a. Describe the method and data collected in a fieldwork investigation you carried out.

(6)

b. State **TWO** secondary sources that were used in the fieldwork investigation mentioned in question 9a above.

(4)

(Total: 10 marks)

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**SECONDARY EDUCATION CERTIFICATE LEVEL
2026 MAIN SESSION**

SUBJECT:	Geography
PAPER NUMBER:	II – Level 2-3
DATE:	22 nd May 2026
DURATION:	2 hours 5 minutes

SECTION A

Answer **ALL** Questions.

1. Study the topographical map, shown in Figure 1, and answer the following questions. The map scale is 1:25,000, and the map's key/legend is provided below. Map contours are given in metres.

a. Identify the place located at grid reference 344875. _____ (2)

b. Measure the straight-line distance in kilometres between Point **A** at Il-Port tal-Imġarr and Point **B** at Ta' Bordin.

_____ (3)

c. Underline the correct answers:

i. In-Nadur is to the (North; East; South) of l-Imġarr. (1)

ii. Bin Ġemma is to (Northwest; Southeast; Northeast) of Ta' Hida. (1)

d. Give the six-figure grid reference of Il-Ġgantija. _____ (1)

e. Calculate the height difference between Point **C** and Point **D**. Show your working in the box below.

Show your working here:

(2)

Answer: _____ (1)

This question continues on next page.

-
- f. Using the contour lines in Figure 1, as well as the map key, interpret the physical and human landscape found in grid square 3686.

(2)

- g. If you walked south-westwards from grid reference 349893, would you be walking uphill or downhill? How did you reach this conclusion?

(2)

(Total: 15 marks)

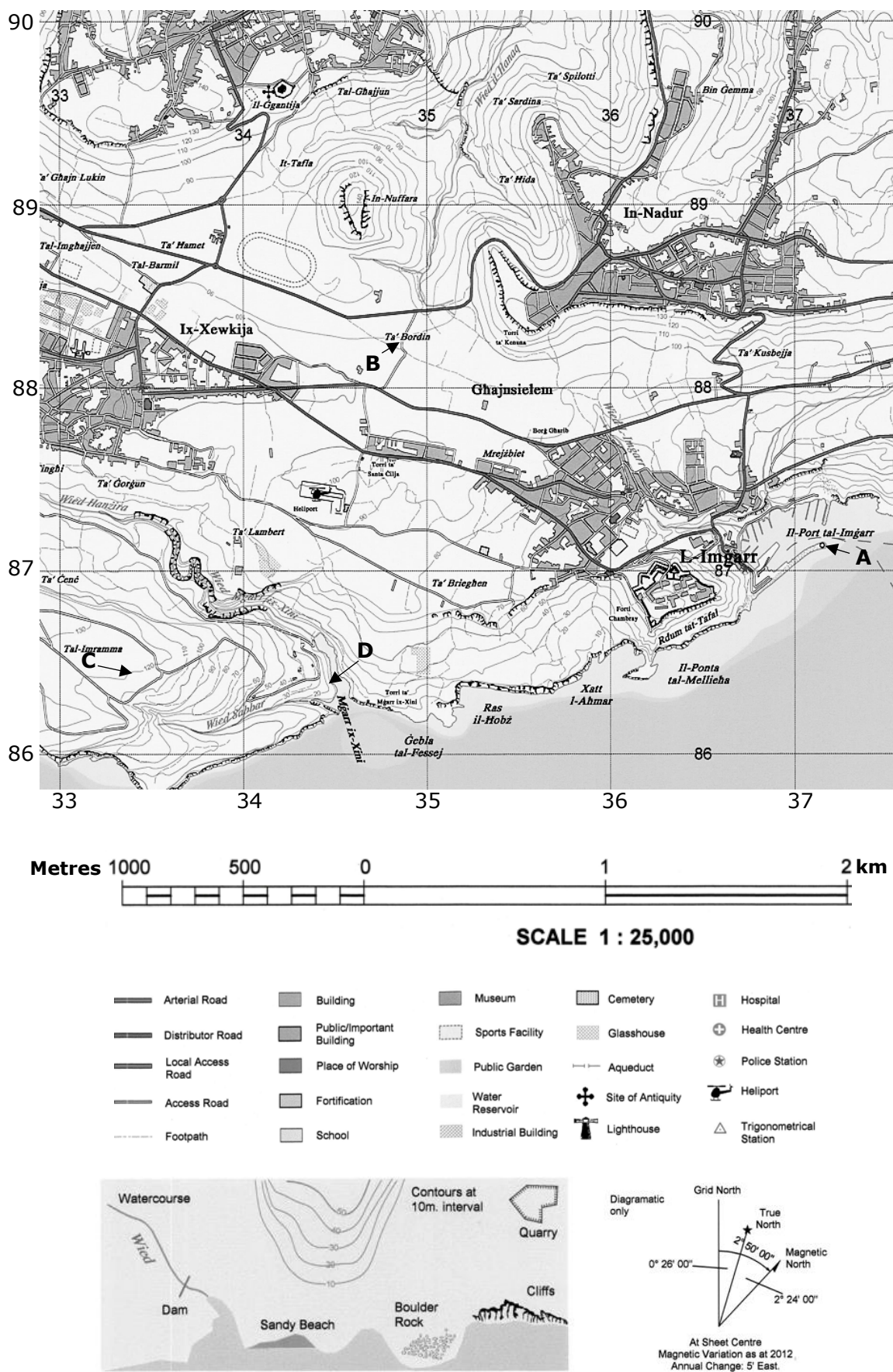


Figure 1: Map extract of L-Imġarr (Gozo) and the surrounding areas.
(Adapted from: Planning Authority 25A/2018/G edition.)

SECTION B

Answer **ALL** Questions.

2. Weather patterns are influenced by pressure systems and large scale-storm processes.

a. Briefly describe the weather conditions associated with:

i. Low pressure systems:

(2)

ii. High pressure systems:

(2)

b. Tropical storms, also known as hurricanes or cyclones, typically form over warm ocean waters near the equator, between 5° and 20° latitude.

i. Describe the type of weather associated with tropical storms.

(2)

ii. Describe **ONE** effect of tropical storms on the environment.

(2)

iii. Describe **TWO** effects of tropical storms on people.

(4)

(Total: 12 marks)

3. Weathering and erosion are natural processes that shape the landscape and create distinctive landforms over time.

a. What is the difference between weathering and erosion?

(4)

b. Karst landscapes contain a variety of distinctive landforms such as bedding planes, caverns, stalactites and dolines.

Describe the formation of **TWO** of the karst landforms mentioned above.

i. Landform 1: _____

(4)

This question continues on next page.

ii. Landform 2: _____

_____ (4)

(Total: 12 marks)

4. In the lower course of a river, a range of landforms develop as flowing water interacts with the surrounding landscape, with flooding playing an important role in shaping these features over time.

a. Explain the formation of **TWO** landforms that are found in the lower course of a river.

_____ (6)

b. Discuss the relationship of flooding to **TWO** of the following physical landscape attributes on the natural environment.

Steep gradients	Low lying areas	Rock permeability	Heavy rainfall
-----------------	-----------------	-------------------	----------------

i. Physical landscape attribute 1: _____

_____ (3)

ii. Physical Landscape attribute 2: _____

(3)

(Total: 12 marks)

5. Tectonic plates interact in different ways at destructive, constructive and conservative plate boundaries, each type of movement creating distinctive landforms.

Choose **TWO** types of plate boundaries and describe their movement and a resultant landform. Include **ONE** example of **each** plate boundary.

a. Plate Boundary 1: _____

i. Movement at Plate Boundary 1: _____

(2)

ii. Landform at Plate Boundary 1: _____

(2)

iii. Example of plate boundary 1: _____ (1)

b. Plate Boundary 2: _____

i. Movement at Plate Boundary 2: _____

(2)

ii. Landform at Plate Boundary 2: _____

(2)

iii. Example of plate boundary 2: _____ (1)

(Total: 10 marks)

Please turn the page.

6. a. What are the main differences between non-renewable and renewable energy resources?

(2)

b. An oil spillage accident occurs when oil is accidentally released into the environment. Describe **TWO** effects of an oil spillage accident on the physical environment.

(4)

c. List **TWO** advantages and **ONE** challenge of generating solar energy.

i. Advantage 1: _____ (1)

ii. Advantage 2: _____ (1)

iii. Challenge: _____ (1)

(Total: 9 marks)

7. Figure 2 shows causes of soil erosion.

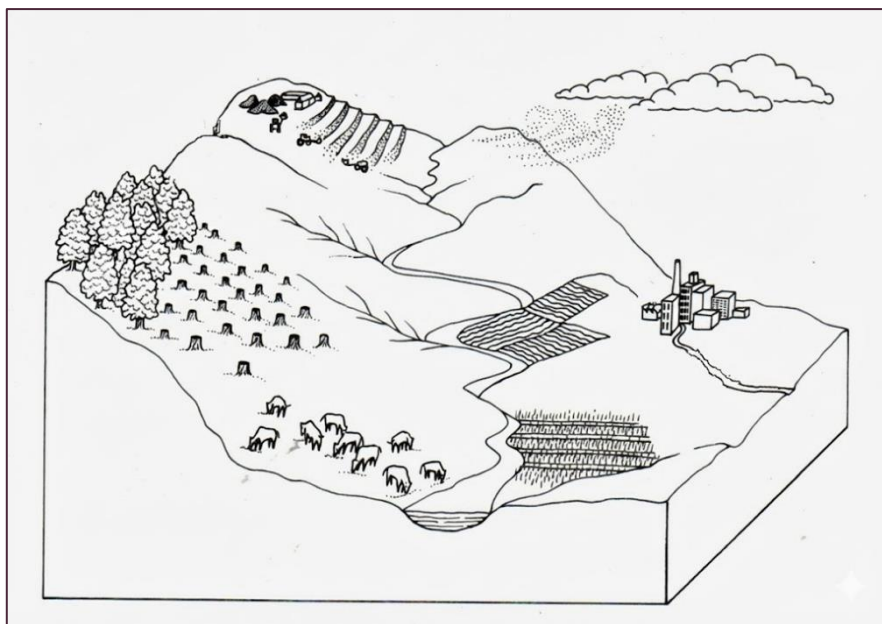


Figure 2
(Adapted from David Waugh, *The World*, 1987, 127).

a. Explain **THREE** ways forests can be managed sustainably.

(6)

b. Explain how soil erosion can lead to desertification.

(4)

(Total: 10 marks)

Please turn the page.

8. a. Discuss **TWO** negative effects a primary industry of your choice has on the environment.

Choice of Primary Industry: _____ (1)

Negative Effect 1:

_____ (2)

Negative Effect 2:

_____ (2)

b. Briefly discuss ways how to minimise the **TWO** negative effects mentioned in question 8a above.

_____ (5)

(Total: 10 marks)

9. a. Describe the method and data collected in a fieldwork investigation you carried out.

(6)

b. State **TWO** secondary sources that were used in the fieldwork investigation mentioned in question 9a above.

(4)

(Total: 10 marks)

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