

FORM 5

GEOGRAPHY (Option)

TIME: 1h 45min

Name: _____

Class: _____

Instructions to Candidates

Answer all questions in the space provided. Write your answers neatly and in good English. Credit will be given for relevant illustrations. The marks for individual questions are shown in round brackets: e.g. (4). There are 9 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	8	12	10	10	10	8	90	10	100
Score												

1. Study figure 1, given on a separate sheet, showing Ordnance Survey map of part of Malta with a scale of 1:25000 or 4cm = 1 km and then answer the following questions:

a. What compass direction is the village of Qrendi from Siggiewi?

_____ (1)

b. In which grid square (4 figure reference) is Kirkop village?

_____ (1)

c. Give the 6 figure grid reference of Ras il-Hamrija point in the south-west of the map.

_____ (1)

d. What is the straight line distance in metres or kilometres between San Niklaw reservoir at 502662 and Luqa reservoir at 534685?

_____ (1)

e. What is the distance along the main road between the roundabout at Bir Miftuh (544679) and the roundabout at Tal-Ghammer Chapel (551646)?

_____ (1)

f. What type of landform can be found all along the south coast?

g. What evidence is there in the map that the land in grid square 5467 is very flat?

(1)

h. Mention one historical place or monument shown in the map.

(1)

i. Luqa airport is very visible in the map. Give the name of another airfield shown in the map.

(1)

j. What primary industrial activity is carried on in grid square 5267?

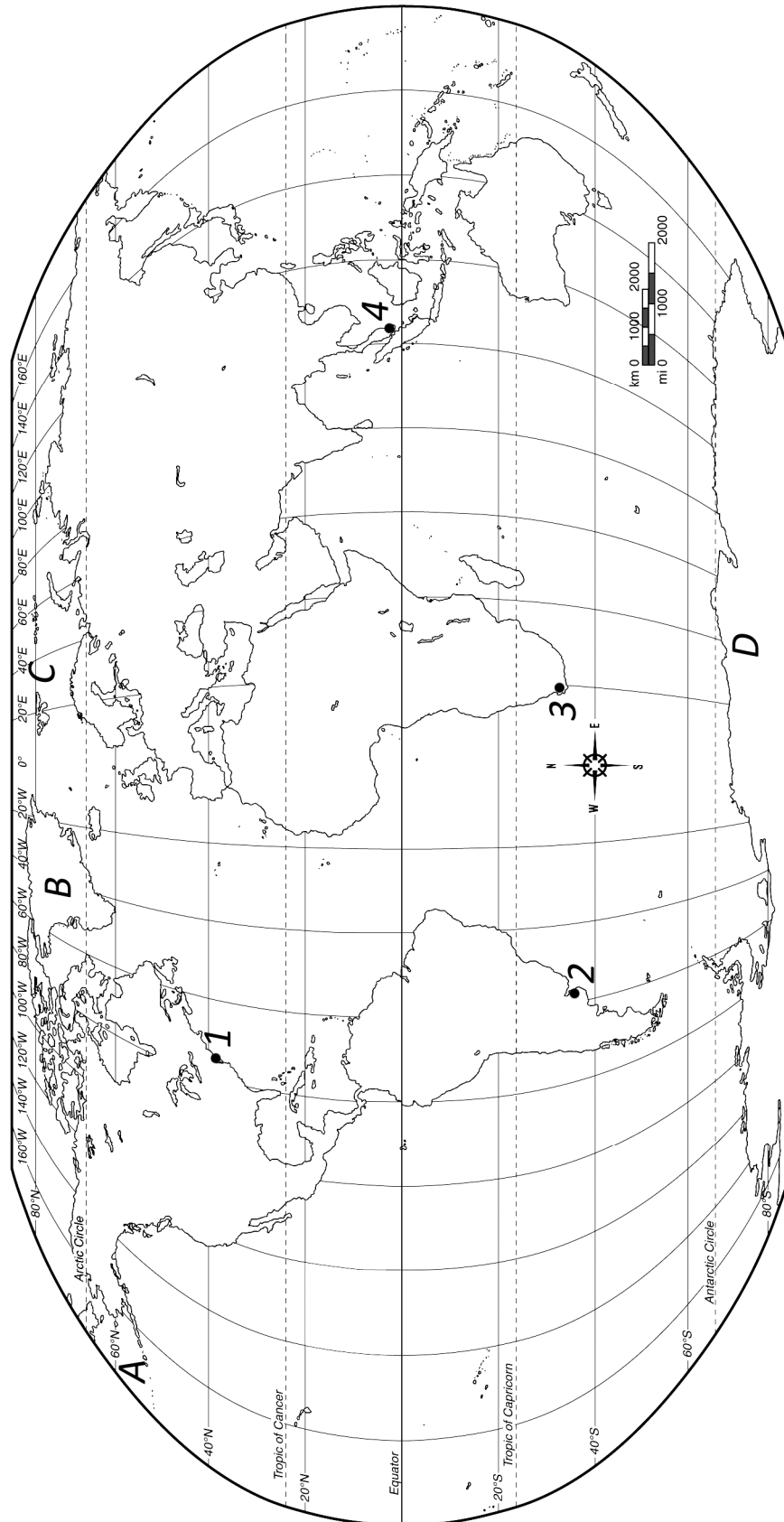
(1)

k. In the blank space below, draw a cross-section along the line from A (492643) to Haġar Qim (497652).

Cross-section

(2)

Figure 2 for question 2 - World Map



2. Look at figure 2 on page 3 showing a world map and then name the following:

a. **major ports** -

1 _____ 2 _____

3 _____ 4 _____

(4)

b. **ice covered areas** -

A _____ B _____

C _____ D _____

(4)

3. Fill in the blanks in the following paragraph to show the differences between the **Mediterranean Type** of climate and the **Monsoon Type** of climate.

The Mediterranean type of climate exists between 30 degrees and 45 degrees latitudes on the side of continents like the Mediterranean Region, California and Central, while the Monsoon type of climate is a tropical climate found mostly in and south-east In the Mediterranean most rain falls in the season, while in the Monsoon lands rain falls mostly in the season. Total annual rainfall is much in the Monsoon areas than in the Mediterranean. The warmest two in the Mediterranean region are July and August, while in the Monsoon lands, the warmest two months are since the sun is and the rains have not yet started. While the dry season of the Mediterranean is caused by anti-cyclone conditions, the extensive rains in the Monsoon are caused by massive pressure area in Central Asia and the northern migration of the Inter-Tropical Zone.

(12)

4. Study the diagram figure 3 below and answer the questions that follow.

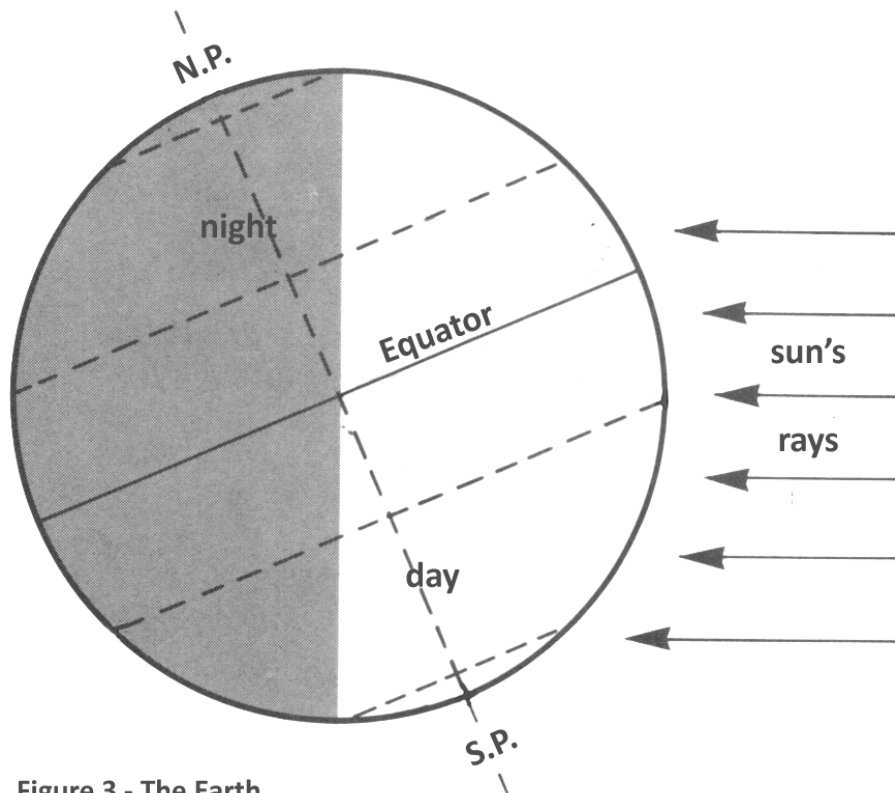


Figure 3 - The Earth

- a. In which month is the position of the Earth in relation to the sun's rays as in the diagram?

- b. What is this date or Earth's position called?

- c. Which of the poles is having midnight sun?

- d. Which of the poles is having 24 hour night?

- e. On which tropic is the sun overhead?

- f. Would the days in Malta be longer or shorter than nights?

- g. Apart from 21 March, when does the equinox also occur?

- h. How many days does the earth take to travel around the sun?

(8)

5. Study figure 4, diagram of a Glaciated Upland; then answer the questions that follow.

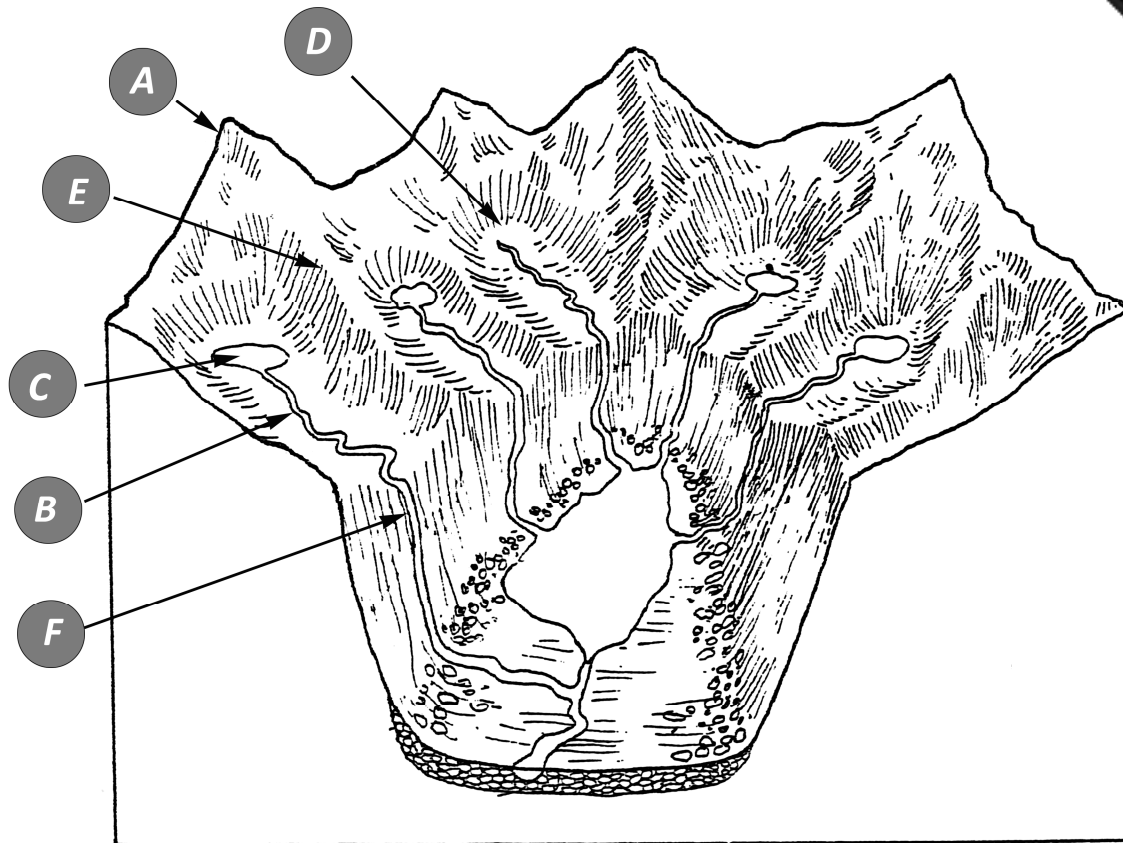


Figure 4 - Glaciated Upland

a. Name the landforms of glaciation marked:

A _____ B _____ C _____
D _____ E _____ F _____

(6)

b. Explain how plucking contributes to the formation of a cirque (corrie).

(2)

c. Briefly explain how an arete forms.

(2)

d. Indicate **two** ways by which glaciated uplands are used by people.

(2)

6. a. Here is a list of jobs. Write them down in the table below near the proper type of industry, i.e., primary, secondary, tertiary or quaternary.

*Professional footballer; forestry; market research; carpentry;
computer programming; oil exploration; textiles and clothing; lawyer;
nurse; quarrying; glazier; farming*

<i>Type of Industry</i>	Type of Jobs			
<i>primary</i>				
<i>secondary</i>				
<i>tertiary</i>				
<i>quaternary</i>				

(6)

- b. Give a short definition of the following types of industry:

- i. primary _____
- ii. secondary _____
- iii. tertiary _____
- iv. quaternary _____

(4)

7. a. What does N.I.C. mean? _____

(1)

- b. Mention 3 N.I.Cs in Asia.

(3)

- c. What does the Pacific Rim mean?

(1)

- d. Mention **one** Asian N.I.C. of the Pacific Rim. _____

(1)

- e. Give **TWO** reasons for the rapid economic growth of Asian N.I.Cs.

(4)

8. Define the following terms:

a. **ecosystem**

b. **food chain**

c. **litter**

d. **biomass**

e. **biome**

(10)

9. a. Give **two** reasons why the tropical rainforest of Brazil is being cleared.

(4)

b. What effects can forest clearance have on species?

(2)

c. What is the effect of deforestation in the Amazon basin on soils?

(2)

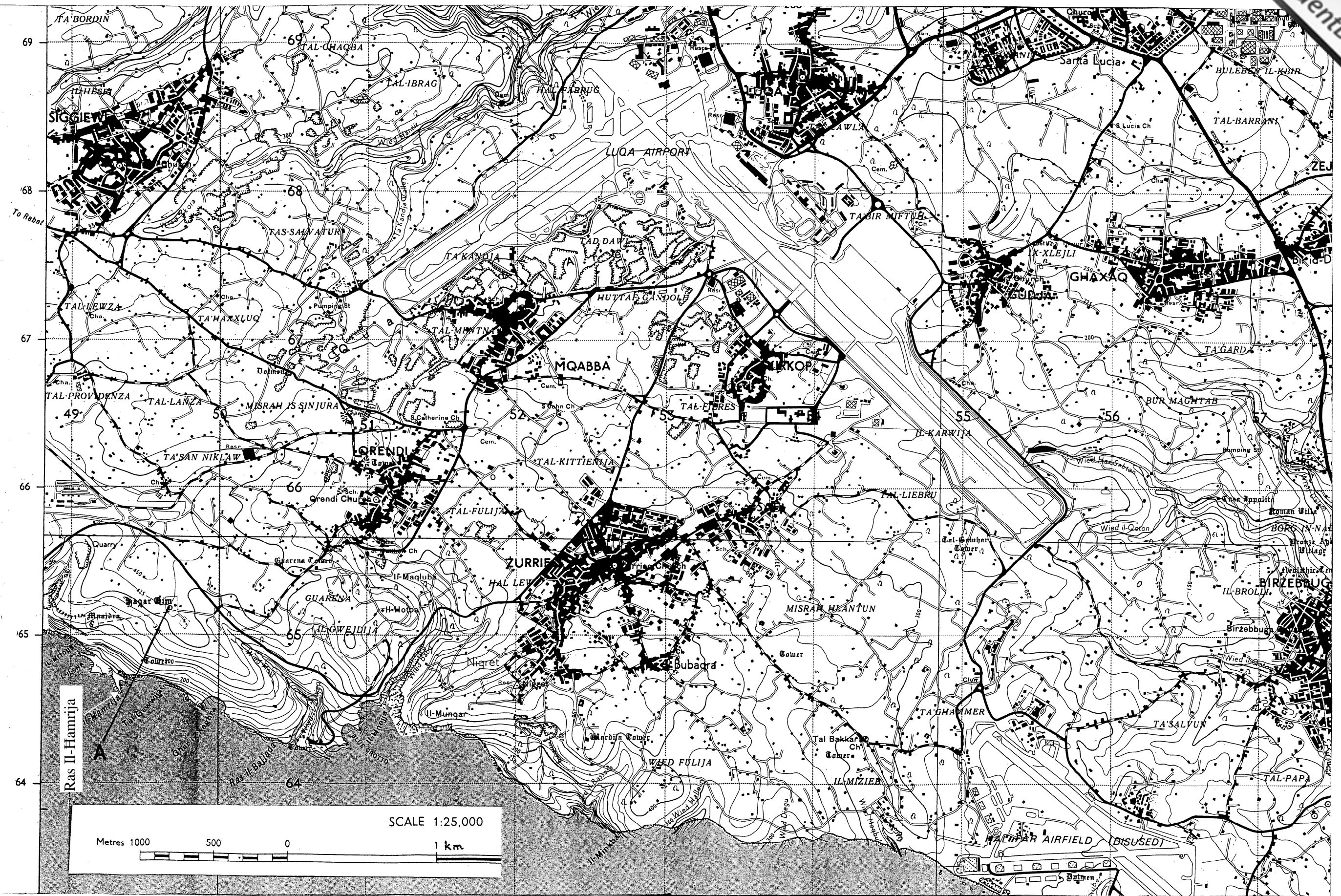


Figure 1 for Question 1 -
MALTA EAST 1:25000 O.S. map extract