

JUNIOR LYCEUM & SECONDARY SCHOOL
ANNUAL EXAMINATIONS 2009

Directorate for Quality and Standards in Education
Educational Assessment Unit

FORM 5

GEOGRAPHY (OPTION)

TIME: 1h 45min

Name: _____

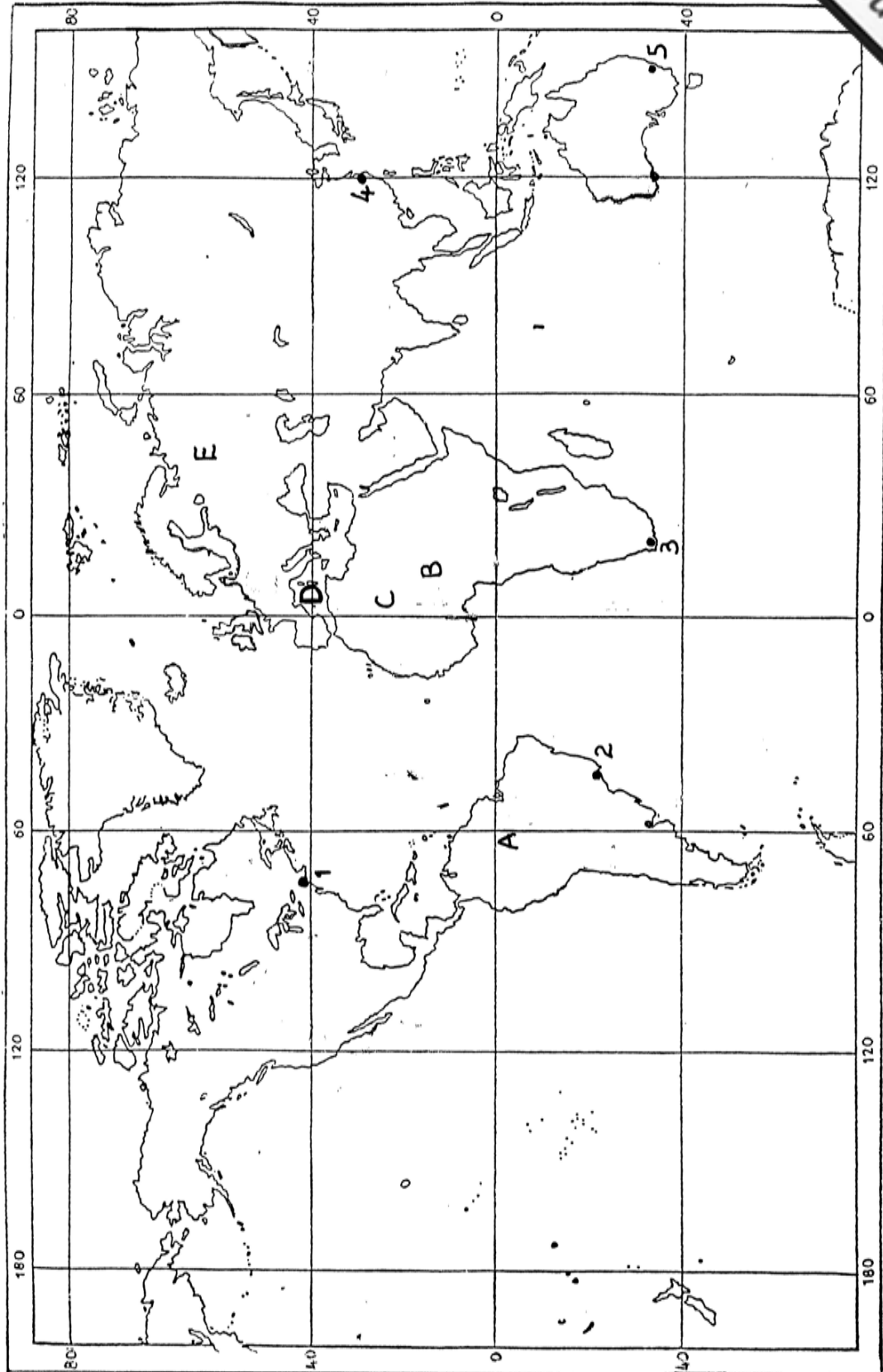
Class: _____

N.B. Answer all questions. Read carefully all the instructions for each question and use good English.

1. Study Figure 1, Ordnance Survey map MALTA EAST of scale 1:25,000 or 4cm = 1 km and answer the following questions:
 - a. What building is situated at grid reference 525773? _____ (1)
 - b. Work out the six figure grid reference for Ghallis Rocks. _____ (1)
 - c. What is the compass direction from Madliena (518764) to Magħtab (504773)? _____ (1)
 - d. If you walk from il-Blata l-Bajda (512777) due South for 700 metres, what building would you find? _____ (1)
 - e. Measure the straight line distance, in metres or kilometres, between Ghallis Tower (491791) and Magħtab Chapel (504772). _____ (1)
 - f. Measure the distance, in metres or kilometres, along the coast from il-Blata l-Bajda to the headland South of Ghallis Rock (502787). _____ (1)
 - g. Historical monuments and buildings are usually named in the Gothic style of writing. Mention TWO such places shown on the map. _____ (2)
 - h. Give one proof that soldiers use part of the area for their training. _____ (1)
 - i. Look at the area in grid squares 4976, 4977 and 5077. What do you think is the major land-use there? _____ (1)
 - j. In grid square 5076, contour lines are closely spaced. What does this mean? _____ (1)
 - k. In the space below plot a cross section of the line A – B from Madliena Fort to Madliena Tower. State whether there is intervisibility between the two places or not. _____ (4)

Cross-Section A – B

Figure 2 for Question 2
WORLD MAP



2. Study Figure 2 Outline Map of THE WORLD and answer the following:

a. What major *ports* are marked 1 to 5?

1. _____ 2. _____ 3. _____
4. _____ 5. _____

b. Mention the major *biomes* where A to E are situated.

(5)

A. _____ B. _____ C. _____
D. _____ E. _____

3. a. Due to human activities over many centuries, little of the natural Mediterranean vegetation remains. Mention and explain fully THREE ways in which man has affected Mediterranean vegetation.

(6)

b. Mention the two major types of scrub found in the Mediterranean biome.

(2)

c. Which one of these two scrub types is sparse and low-lying with aromatic plants such as rosemary and lavender?

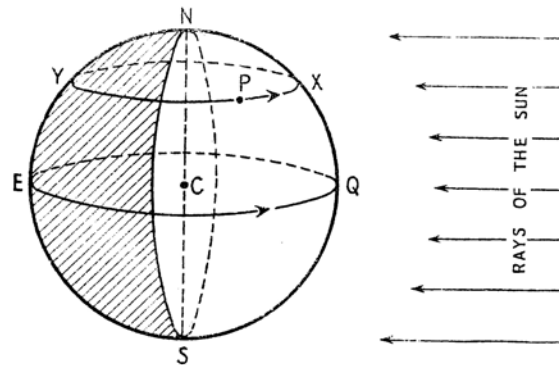
(1)

d. Describe THREE ways in which Mediterranean vegetation has adapted to summer drought.

(6)

4. Study figure 3 Day and Night during equinoxes, and answer the following questions.

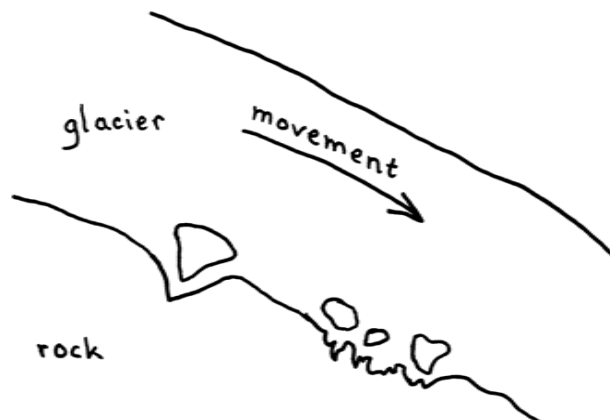
Figure 3: Day and Night during equinoxes



- a. Which two dates are the equinoxes? _____ (2)
- b. How long are day and night during equinoxes? _____ (1)
- c. According to figure 3 what time is it at places Q and X? _____ (1)
- d. According to figure 3 what time is it at places Y and E? _____ (1)
- e. In Europe what season starts during the Northern Solstice? _____ (1)
- f. In which region of the world can we see the overhead sun?
_____ (2)
- g. What is the meaning of Northern Solstice?
_____ (1)
- h. On what day does the Northern Solstice occur? _____ (1)

5. a. Study carefully figure 4 Erosion by Glacier below and then answer the following questions.

Figure 4: Erosion by Glaciers



Explain the following THREE ways by which a glacier erodes the land:

i. *plucking* _____ (2)

ii. *abrasion* _____ (2)

iii. *freeze-thaw* _____ (2)

b. How can glaciated areas be used by man for i) *recreation* (mention two ways) and ii) *energy supply* (mention one way)?

i. *recreation* _____ (2)

ii. *energy* _____ (2)

6. a. Give a short definition of each type of the following industries:

i. *primary* _____ (1)

ii. *secondary* _____ (1)

iii. *tertiary* _____ (1)

iv. *quaternary* _____ (1)

b. Here is a list of twelve jobs. Write them down under the correct column according to type of industry. (6)

boat-builder, professional footballer, bank manager, oil rig worker,
salesperson, shepherd, bricklayer, medical researcher, miner,
computer programmer, tailor, market research officer

<u><i>primary</i></u>	<u><i>secondary</i></u>	<u><i>tertiary</i></u>	<u><i>quaternary</i></u>

7. Define the following FIVE terms:

- a. high technology industry _____

- b. multinational company _____

- c. globalization _____

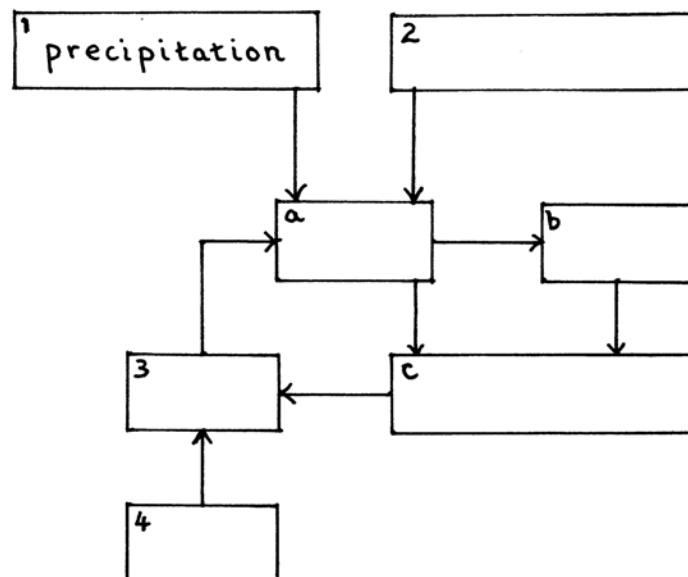
- d. newly industrialized country _____

- e. informal industrial sector _____

- 8 a. Fill in the following labelled diagram flow chart Figure 5 of the Flow cycle of Energy, nutrients and water in an ecosystem with the following terms: (6)
- decomposers, solar energy, soil, rock, producers, consumers*

(N.B. 1 to 4 are non-living while a to c are living components)

Figure 5: Flow cycle of energy, nutrients and water in an ecosystem



b. Name and explain TWO causes of desertification in the Sahel region of Africa.

9. Why is it important for the environment that forestry be practiced in a sustainable way? (10)

Figure 1 for Question 1
MALTA MAP 1:25000 (4cm=1km)

