

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: _____

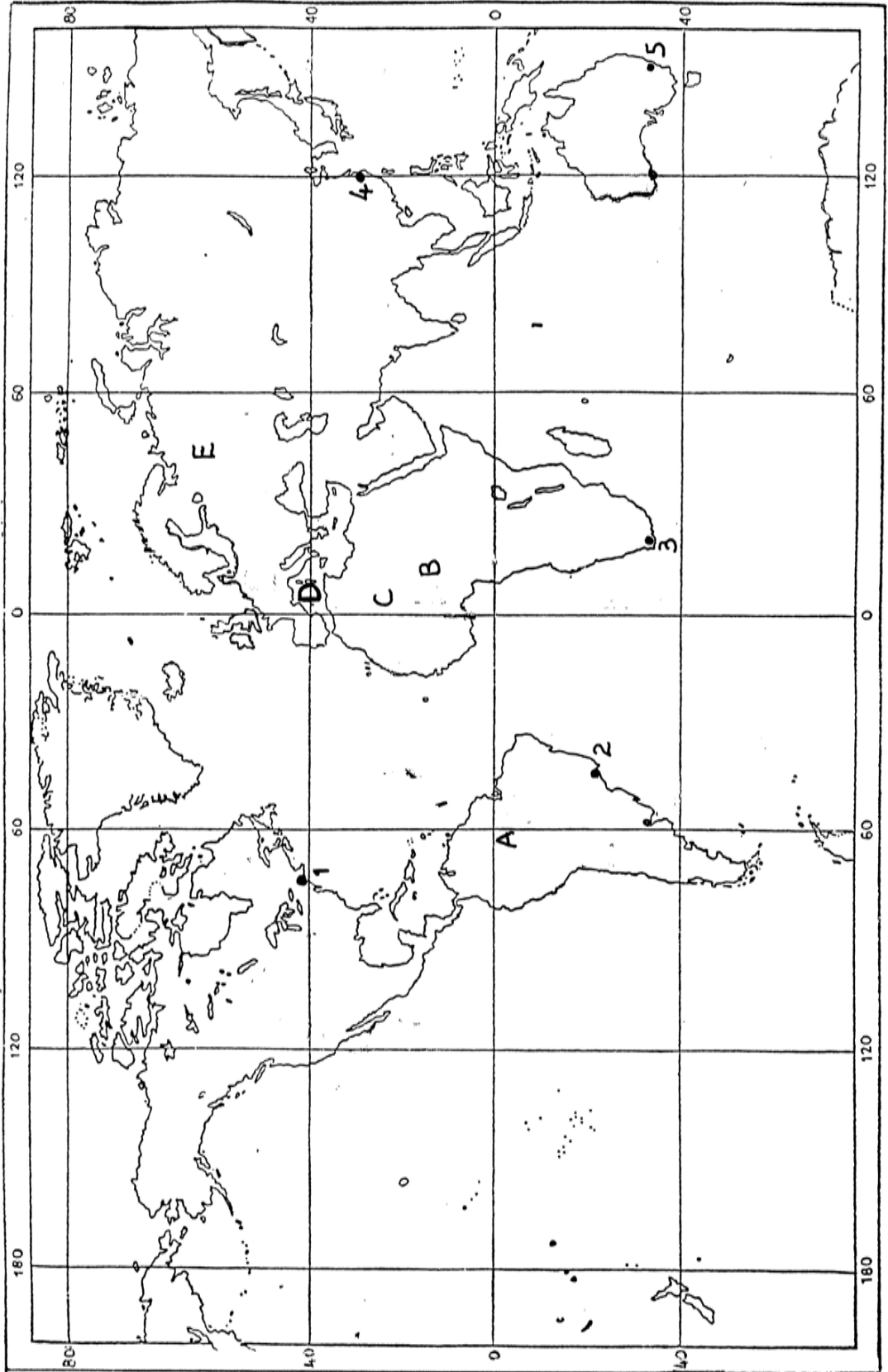
Class: _____

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)

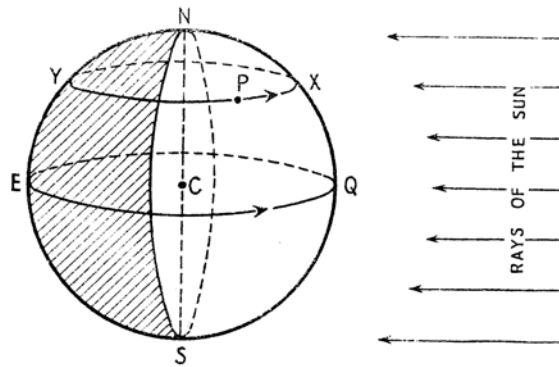
Cross-Section A – B

Figure 2 for Question 2
WORLD MAP



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

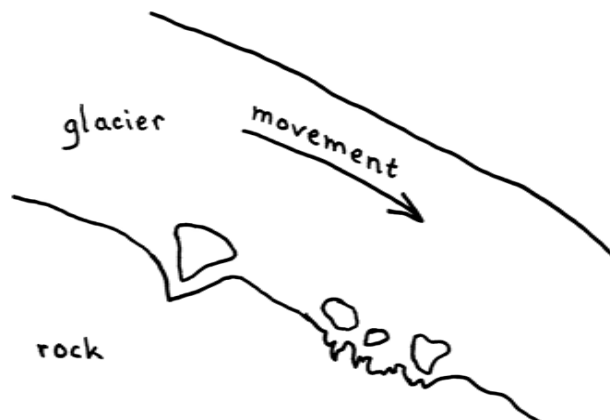
Figure 3: Day and Night during equinoxes



- 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: (10)

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

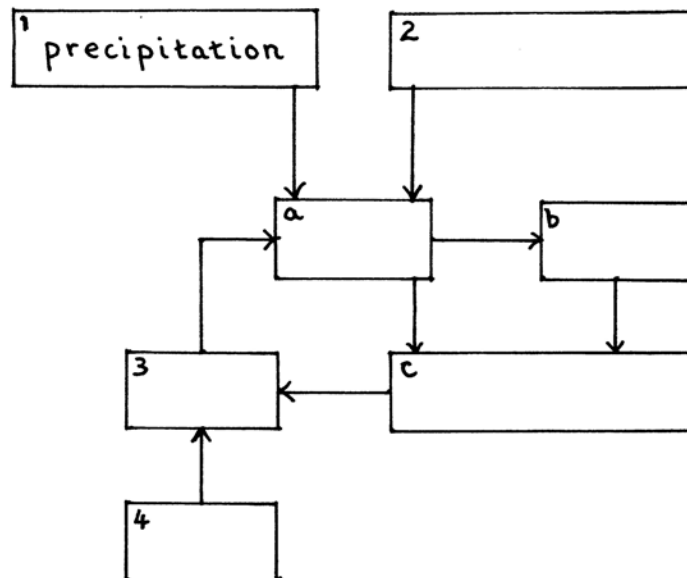


Figure 1 for Question 1
MALTA MAP 1:25000 (4cm=1km)

