# **JUNIOR LYCEUM ANNUAL EXAMINATIONS 2007**

Educational Assessment Unit - Education Division

FO	PRM 5	GEOGRAPHY (OPTION)	TIME: 1h 45min
Naı	me:		lass:
N.B		questions, one from each section. Questions rry equal marks (20). Write clearly and use good	
SEC 1.	Study carefully the g	Reading (compulsory question) iven map extract MALTA WEST (figure 1) and is 1:25000 or 4 cm = 1 km.:	then answer the following
a.	O I	shown on the map, namely: St Martins; tal-Merh thand 6-figure grid reference of each of them: <u>height</u> 6-figure grid reference	nia; Nadur Tower; and ta'
i.	tal-Merhia		
ii.	St Martins		
iii	. Nadur Tower		
iv.	ta` Baldu (spot heigl	nt) (8)	
b.	What is the compass	direction from Nadur Tower to tal-Merhia?	(1)
c.	In grid squares 4021	and 4072 the contours are closely spaced. What	does this show?
	-	(1)	
d.		he contours are widely spaced. What does this sh	now?
		(1)	
e.		ot of blank white spaces and only a few grey spa	ces. What does this mean?
		(1)	
f.		t line distance between Nadur Tower and St Mar	tins. The scale is 1: 25000
	or 4 cm = 1 km.		
g.		e between the two same places along the second	class roads
ъ.			ciass roads.
h.		lented line near Bingemma fort and north-east of	Kuncizzjoni Church
	show?	(1)	
i.	Draw a rough cross s		
	along the line A - B		
	in the space hereby (	(4)	

## SECTION TWO - World Map (compulsory question)

2. Study the World Map Figure 2 with numbers 1 to 10, as well as the following ten describing notes. Write the relative number that is on the map and the name of the place, country or geographical feature in the box near the correct description

(20 marks)

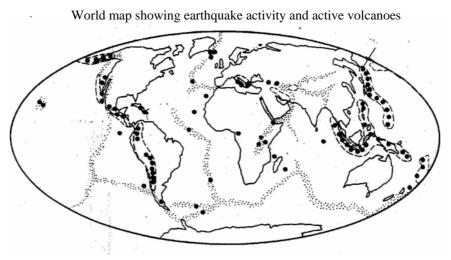
Number	place/geographic	describing note				
	<u>feature</u>					
		The most holy city for the Muslims is in this country. It is				
		the largest oil-exporting country in the world. It is in the				
		Middle-East and Riyadh is its capital city.				
		These mountains lie between Nepal and China. They are				
		fold mountains on the collision zone between the Eurasian				
		and Indo-Australian plates. Mt Everest is one of them.				
		The 0° longitude passes through London and sets the				
		Universal Standard Time.				
		The island-continent broke away from the African and				
		Antartic plates millions of years ago. It is home to				
		thousands of Maltese migrants.				
		The 23 ½° North latitude where the sun is overhead in late				
		June. It crosses Mexico, Libya and India.				
		This is the fourth most populous country in the wo				
		Made up of thousands of small and large islands like				
		Borneo, Sumatra and Java. Land of tropical rainforest,				
		volcanoes, and earthquakes. Large oil producer.				
		50th state of the U.S.A. Volcanic islands at the centre of				
		the Pacific Ocean. Honolulu is capital city.				
		Most populous state in Africa. Large oil producer and				
		exporter. It is part of the Commonwealth and Lagos is the				
		capital city.				
		Large island of N.W. Europe in the middle of the North				
		Atlantic Ocean on the Mid-Atlantic Ridge. It has				
		volcanoes including Hekla, Vatna, and Hiamey. Its capital				
		is Reykjavic.				
		The 49th state of the U.S.A. Partly in the Arctic Circle.				
		Producer of oil. Juneau is capital. People admire the				
		whales from ships cruising its fjords. It too has volcanoes				
		and earthquakes are common.				

	called?	(0
	· <del></del>	(2
e.	Here are TEN characteristics of 2 major biomes. In the blank space near exwhether each characteristic belongs to <b>Tropical Savana</b> or <b>Mediterranean</b> belongs to <b>Tropical Savana</b> or <b>Tropical Savana</b> or <b>Mediterranean</b> belongs to <b>Tropical Savana</b> or <b>Tro</b>	
	whether each characteristic belongs to Tropical Savana of Wedlerranean C	(10
i.	Herds of sheep and goats eat leaves of trees and plants.	
ii.	Forest fires sometimes started deliberately destroy much of the forest.	
iii.	On impermeable rocks, a dense undergrowth called maquis grows.	
iv.	Towards the equator, this biome merges into the rain-forest.	
v.	The typical vegetation here is high grass with scattered trees.	
vi.	Most plants are xerophytic, like the baobab tree.	
vii.	On limestone, a sparse low-lying scrub called garigue grows.	
viii	. When the sun is overhead, the rainy season starts.	
ix.	Nomadic herders such as Fulani and Maasai herd their cattle.	
х.	Trees have been cut to create fields, for fuel, or to construct buildings and shi	ips.

*or* 4

Study the World Map figure 3 showing large active volcanoes and then answer the following questions:

figure 3



a.	Naı	me one volcano in each of:			(4)
	i.	North America	ii.	South America	
	iii.	Europe	iv.	Asia	

	ing figure 3 explain why most volcanic eruptions occur in the places you mentions were to 4 b.	oned in
	th the aid of a simple labelled diagram, explain why volcanoes occur at constr gins.	ructive
For	(space for labelled diagram) r either Mt St Helens or Montserrat:	
i.	Explain briefly why there is a volcano there.	
ii.	Why did people live near the volcano?	

## SECTION FOUR - **Human Geography** (Choose ONE question from 5 and 6)

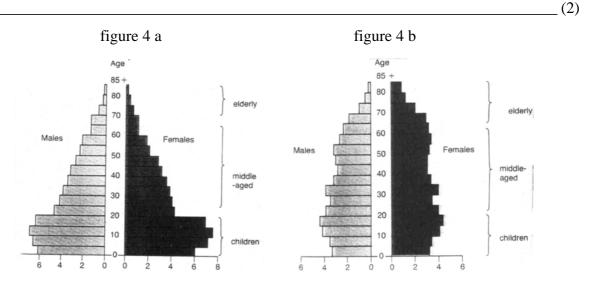
#### either 5

a.	Study the t	two	diagrams	Figures	4	a	and	4	b	in	the	following	page,	and	then	answer	the
	following q	uesti	ions:														

i. What are these two diagrams called? \_\_\_\_\_(2)

ii. Which diagram represents India? \_\_\_\_\_(1). Why do you think so?

\_\_\_\_\_



iii	Mention	one country	which max	be represen	ited by the	diagram in	figure 4	h
111.	MEHHOH	one country	/ willcli illay	oe represer	ned by me	uiagiaiii ii	i iiguit 4	υ.

\_\_\_\_(1)

- iv. Compare the two diagrams under the following headings: (6)
  - A. children -
  - B. middle aged \_\_\_\_\_
  - C. elderly -

b. Answer briefly the following questions about the population of Brazil:

- i. Where do 90% of the people of Brazil live? \_\_\_\_\_(2)
- ii. Give one reason for the growth of Sao Paolo.

\_\_\_\_\_(1)

iii. Why is the population of the Amazon region considered to be still in Stage 1 of the Demographic Transition Model?

\_\_\_\_\_(2

Study Table 1 below and answer the following questions. You may use the calculator:

Table 1 : Employment figures for Malta, Years 2000 and 2004

	September 2000	September 2004	
gainfully occupied	136,993	137,274	
unemployed	7,253	8,140	
total Labour Supply	144,246	145,414	
Primary Industry	6,433	7,144	
Secondary Industry	29,850	27,443	
Tertiary Industry	100,710	102,687	
total gainfully occupied	136,993	137,274	
a. How many people wer	e working in Malta in Sep	tember 2004?(1)	
b. How many people wor	ked in direct Primary Indu	astry in Malta in 2000?	
	(1)		
c. How many people wor	ked in Secondary Industry	y in Malta in 2004?	
	(1)		
d. How many people wor	rked in Tertiary Industry in	n Malta in 2000?	
	(1)		
		yed, could work in Malta in 2004?	
	(1)		
	Malta's farmers included in	n the above Table?	
	(1)		
g. In which Industry are	Malta Government employ	yees included in the above Table?	
	(1)		
h. Which type of Industry	y suffered loss in number of	of employees between 2000 and 2004?	
	(2) By how man	ny?(1)	
		ists construction workers (bennejja) with hers what type of Industry is construction	the
(building)?	(2)		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		ge of gainfully occupied in 2000?	
	(1)		
k. What was the unemplo	oyment figure as percentag	ge of gainfully occupied in 2004?	
	(1)		
1. In 2004, 46,649 perso	ons had jobs paid for by G	overnment (public sector). What percentage	of
total gainfully occupie	d was this?	(1)	
	nent of the THREE types	of Industry in 2004 as percentage of gainfu	ılly
occupied.		(3)	
A. Primary	B. Secondary	C. Tertiary	
Developed Country	(MEDC), or a Less I	d you say that Malta is a More Economica Economically Developed Country (LEDC	-
		(2)	

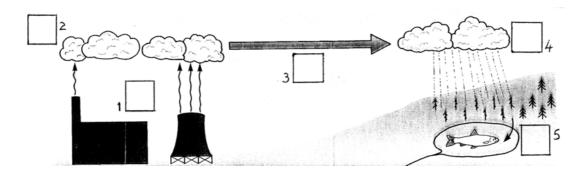
# SECTION FIVE - Environmental Geography (Choose ONE from 7 and 8)

### either 7

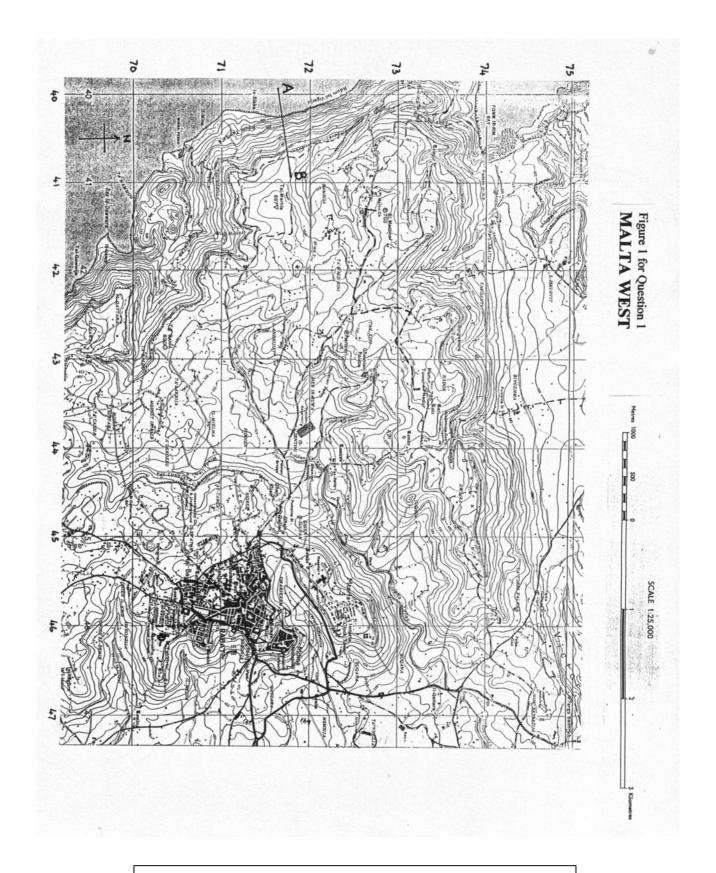
a.	jobs;	with the following railways; deforestation;	growing;	resources; land;	timber; farmland	
	One-third of the v	world's	grow i	n the Brazilian ra	inforest. Their	numbers are
	being reduced du	e to	Brazil`s p	oopulation is		_ rapidly
	since the 1960s.		is needed for p	eople to live on,	more	to
	produce food for	the extra numbers	, more	requir	ed for people	to earn a
	living. More	we	re needed if peo	ople`s standard of	living were to	o improve.
	The rainforest is	cleared for three ty	pes of farming	, including subsis	tence farming	,
		_ farming, and co	mmercial cattle	rearing. It is also	cleared for be	etter transport
	and open new roa	ads and	Apart	from building ho	uses, trees are	also cut for
	resources such as	minerals and	_	_		(10)
	the Amazon rainf	orest of brazil.				(10)
or	8.					
a.	_	next page explain to E in the right bo	-	of Acid Rain. A	dd the follow	ving labels by (5)

- A. Acid rain falls on Scandinavia and Finland.
- B. Rain bearing winds are blown across the North Sea.
- C. The gases mix with water droplets in the atmosphere.
- D. Conifers increase soil acidity.
- E. Power stations release sulphur dioxide and nitrogen oxides in the air.

Figure 5. The problem of *Acid Rain* 



	rope suffers acid rain most?		
Why is this so?		(2)	
-	by which this type of pollution can be		
			(4
Why does soil be	come infertile through acid rain?		
Why is this an in	ernational problem?		
	problem for reducing sulphur dioxide		(=



# PLEASE ENLARGE BY 141%

