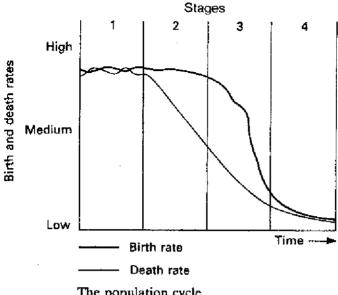
JUNIOR LYCEUMS ANNUAL EXAMINATION Educational Assessment Unit - Education Division (Malta) 2001

FORM 3	GEOGRAPHY (Option)	Time: 1 hr 30 min.
Name:	Class:	
	HT exercises as specified. Use goo swer question 8 on a foolscap.	d English to answer your
of Gozo provided an are shown in feet.	Acm=1km) Ordnance survey map extra d then answer the following. Kindly n tion from ta' Pinu Church (294913) are	note that the contour heights
i. San Lawrenz Sch ii. Hekka Point (283	nool (284904)? (1) 3932)? (1) ordan (297924)? (1)	
b. Give the grid referenti. Taz-Zejt Chapel	ce (six figure notation) of the following	g:
 c. What can be found a i. 291905 ii. 237899 	t grid reference	
d. Find the distance bet	ween ta` Pinu Church and chapel at Dv (2)	
e. Give an estimate of t	pads(2) the area (in square kilometres) covered 2)	by land in the map.
f. i. How high is the t ii. Ta' Dbiegi (2929 it cannot be high	rigonometrical station at Ghar Ilma? (2 02) is the highest point in Gozo. Judgi er than feet. (1)	ing by the contours shown,
(298911). Show the	aw a rough cross-section from ta' Dbie position of the two main roads that are section must be about 4 cm (representing	e intersected by the cross-
	·	
	(g) rough cross-section	

h.	What evidence is there that this is	mainly an agricultural area?(1)	
i.	Name one other economic activity in the area(1)		
2.	Write the letter of the HEADS ne	ear the matching TAILS. (10 marks)	
a.	The Richter scale	intensities run from 1 to 12.	
b.	Richter scale 4 is	measures the amount of energy given out by earthquakes.	
d.	The modified Mercalli scale	is an instrument which records shock waves.	
e.	The focus at epicentre	first put forward the theory of continental drift.	
f.	The seismograph	builds up squat flat volcanoes.	
	Agadir, Skoplje, and Anchorage	is 1000 times more powerful than scale 1.	
_	Alfred Wegener	is where the earthquake started.	
i.	Basaltic magma	builds up cone shaped high volcanoes.	
j.	Acidic magma	includes smaller cones on the side of the	
		main one.	
k.	Composite dome volcano	were all destroyed by earthquakes in the	
		1960s.	
		(10 1.2	
	Write TRUE or FALSE near each		
	The earth's crust is one solid mas		
	Most earthquakes occur on plate		
	W. J. Morgan first explained why	continental plates move towards each other.	
a.	Comsion zones are piaces where	continental piaces more towards each other	
e	The last geological period is called	ed the pleistocene.	
f.		temperature is called the thermometer.	
	-	•	

g.	. The instrument which measures how damp the air is is called the thermometer.						
h.	We get nigl	ht and day beca	ause of the earth's r	evolution around	I the sun.		
i,	94 % of he	at units from the	he sun heat up the e	arth's surface			
j.	Large cities	are colder than	n the countryside in	summer.			
4.	Fill in the b	lanks with the t	following words (1	0 marks)			
un: air	stable air; mass;	clouds; depression;	dew point; evaporation;	condenses; stable;	warm front; dust.		
Th	e process of	f turning water	into vapour is call	ed	On the contrary		
wh	en wet or hi	umid air is coo	led the vapour turn	is into water. It	on to		
an	y surface. W	later vapour co	ondenses into water	droplets around	bits of		
; i(e; and salt	flowing in the	air, forming	or	The lower temperature at condensation level. Air		
wi: the	nen water v et tends to r	apour condens ise is called		When it rises a	nd cools as much as its		
SUI	rounding ai	r it becomes	·	A great area of	air which has the same		
mre	operties like.	temperature, c	lirection and humic	lity is called an	. 11 8		
wa	rm air mass	meets a cold	one in a	the w	varm air rises in what is		
cal	led a						
5.	Answer the	following ques	stions briefly in one	or two sentence	es:		
a.	What happe	ns in onion-ski	in weathering?		(1)		
			Al - Cost of boot o		(1)		
b.	How can ro		the effect of heat o				
					(3)		
c.	How can lie	hens help in th	ne erosion of rocks?	·	/2\		
,t	TT1	ail areas access	ne erosion of rocks?		(3)		
a.	now does s	-			<u> </u>		
					(3)		

6. Here is a typical population chart:



The population cycle

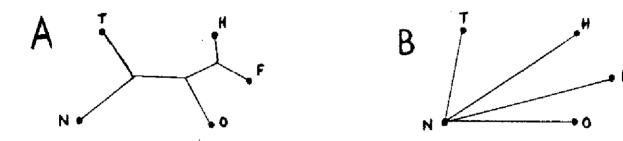
a. Describe the chart by inserting the following words in the table:

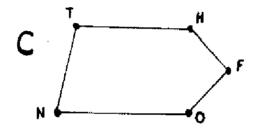
high (three times); little (twice); low (twice); decreasing (twice); rapid to slow (once); medium-low (once); rapid (once) (12 marks)

stage	1	2	3	4
Birth Rate		high		low
Death Rate	high	decreasing		
Natural Increase	little		rapid to slow	

- b. Which stage have most developed countries reached? _____ (1)
- c. In which stage would Amazonia in Brazil be? (1)
- d. In which two stages would most developing countries be? _____(2)

7. Here are three maps of the same FIVE towns N, T, H, F, O, with three differently planned transport networks A, B, and C. Study them and then answer the following questions:





Which network would be preferred by ..:

- a. ..a salesman who lives in T and has to go round all the other towns before returning home. (2)
- b. ..the District Council who are interested in building the shortest total amount of motorway possible? _____(2)
- c. ... The Chamber of Commerce of town N who are interested in making town N easier to get to than the other four towns (2)
- d. Calculate the Connectivity Index (edges divided by vertices) of each network: (3)
- e. A _____ i. B
- ii. C
- 8. On a separate sheet, write a paragraph on one of the following: (15 marks).

EITHER

a) Which were the ideas on population put forward by Thomas Malthus? Why can his theory be criticised?

OR

b) What are the major problems of agriculture in developing countries? How can these problems be lessened?

NORTH-WEST REGION OF GOZO

