

**JUNIOR LYCEUMS ANNUAL EXAMINATIONS**  
**Educational Assessment Unit - Education Division (Malta)**  
**2002**

**FORM 4**

**GEOGRAPHY (General)**

**TIME: 1 hr 30 min.**

Name \_\_\_\_\_

Class \_\_\_\_\_

**N.B.** Answer all EIGHT questions as requested. You may use a separate foolscap for question 8. In that case write your name, surname and class on the foolscap too.

1. Match the letter of the terms on the left with the right meaning on the right. **a** is done for you as an example. (20 marks)

<u>term</u>	<u>meaning</u>
a biological weathering	a valley whose shape looks like the letter V.
b. erosion	the flat are at the bottom of a valley which is often flooded.
c. V shaped valley	a method of getting rid of pollution
d. waterfall	a wide curved inlet of sea.
e. flood plain	<b>a</b> the break down of rocks by plants and animals.
f. bay	the homes of plants and animals
g. sewage	the wearing away and removal of rock, soil etc. by rivers, ice, sea and wind.
h. clean up	piles of waste material left after mining and quarrying.
i. spoil tip	wildlife in danger of becoming extinct.
j. wildlife habitats	waste material from homes and industry.
k. endangered species	a sudden fall of water over a steep drop.

2. Here are ten sources of energy. Five are non-renewable and five are renewable. Write them down near the proper type. (10 marks)

(sources of energy): coal; nuclear; tidal; wind; water; solar; oil;  
 wood; natural gas; geothermal

*non-renewable:* \_\_\_\_\_

\_\_\_\_\_

*renewable:* \_\_\_\_\_

\_\_\_\_\_

3. Here are five stages of oil exploration that are mixed up. Write them in the correct order:

*refining; transport; storage; drilling; exploration*

a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_

d. \_\_\_\_\_ e. \_\_\_\_\_

(5 marks)

4. Fill in with the words below:

turbine; gases; electricity; flat; sea; rivers; oil;  
atmosphere; cooling tower; steam

*How electricity is produced in a thermal power station*

The power station needs a large area of \_\_\_\_\_ land. It needs plenty of \_\_\_\_\_ to heat water to make \_\_\_\_\_. Waste \_\_\_\_\_ from the oil are released into the \_\_\_\_\_. The steam turns a \_\_\_\_\_ which turns a generator which produces \_\_\_\_\_. The steam is cooled by water in a \_\_\_\_\_. Warm water may be released into \_\_\_\_\_ or the \_\_\_\_\_.

(10 marks)

5. FIVE of the following statements are beneficial (good) for the Maltese environment while another FIVE are harmful (bad). Write GOOD or BAD near each statement. (10 marks)

- a. Electricity in Malta is only generated by thermal power stations. \_\_\_\_\_
- b. We install solar panels on the roofs for heating our water. \_\_\_\_\_
- c. Oil tankers clean their tanks at sea near our shores. \_\_\_\_\_
- d. We put up used oil tanks on the margins of our fields. \_\_\_\_\_
- e. We restore and repair the rubble walls. \_\_\_\_\_
- f. We should take up more land for building large houses. \_\_\_\_\_
- g. Farmers should use as little artificial fertiliser as possible. \_\_\_\_\_
- h. We treat sewage to void waste and sea pollution. \_\_\_\_\_
- i. We should take up more agricultural and garrigue land for quarries. \_\_\_\_\_
- j. All industrial estates should be landscaped with gardens and open spaces. \_\_\_\_\_

6. Here is a table showing BIRTH RATES and DEATH RATES for six countries. Figures are given per 1000 people. Answer the questions following the table. Remember that NATURAL INCREASE is the difference between *Birth rate and Death rate*.

<u>Country</u>	<u>Birth Rate</u>	<u>Death Rate</u>	<u>Natural Increase</u>
Bangladesh	39	14	25
France	14	9	5
United Kingdom	14	12	_____
Japan	10	6	_____
Mexico	30	_____	24
India	_____	11	21

- Fill in the FOUR missing numbers. (4 marks)
- What is the *birth rate* of Bangladesh? \_\_\_\_\_ (1 mark)
- What is the *birth rate* of Japan? \_\_\_\_\_ (1 mark)
- What is the *death rate* in France? \_\_\_\_\_ (1 mark)
- What is the *natural increase* in Mexico? \_\_\_\_\_ (1 mark)
- Which of these countries has the smallest *natural increase*? \_\_\_\_\_ (1 mark)
- Which of these countries has the smallest *birth rate*? \_\_\_\_\_ (1 mark)
- Which THREE of these countries belong to the developed world? \_\_\_\_\_  
\_\_\_\_\_ (3 marks)
- Which country has a *natural increase* of 5 per thousand? \_\_\_\_\_ (1 mark)
- Which of these countries has a *natural increase* of 4 per thousand? \_\_\_\_\_ (1 mark)

7. Answer in brief:

- Give another name for freeze-thaw weathering. \_\_\_\_\_ (2 marks)
- Name two agents of erosion (the wind is an example) \_\_\_\_\_  
\_\_\_\_\_ (4 marks)
- What is the area at the foot of a waterfall called? \_\_\_\_\_ (2 marks)
- Where is the river fastest in a meander? \_\_\_\_\_ (2 marks)
- Name two features of headland erosion ? \_\_\_\_\_ (2 marks)
- Mention ONE way in which rivers can be cleaned up of pollution. \_\_\_\_\_  
\_\_\_\_\_ (2 marks)

g. Mention TWO reasons why pollution is a problem in the Mediterranean Sea ?

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(4 marks)

h. Mention ONE good effect and ONE bad effect of quarries in Malta.

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(2 marks)

8. Write a few sentences on ONE of the following: (10 marks)

either

a) How can industry pollute the environment ? Mention TWO ways to reduce industrial pollution.

Or

b) How can collecting natural resources harm the environment?