

**JUNIOR LYCEUM ANNUAL EXAMINATIONS 2003**  
**Education Assessment Unit - Education Division**

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**Form V**

**GEOGRAPHY OPTION**

**Time 1hr 45 mins**

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**Name** \_\_\_\_\_

**Class** \_\_\_\_\_

**Section One - The Earth as a Planet and its Physical Environment**

Choose one question A or B from this section.

**A. Many Maltese tourists visit Norway for its mountain scenery which is the result of ice action.**

i. Explain the formation of the various glacial features seen by those tourists who reach the mountain top.

15 marks

ii. Draw a labelled sketch, on the given foolscap, to show these features of glaciation which have changed the mountain tops.

5 marks

**B. Pot-holing is a popular sport in the British Isles where Carboniferous Limestone covers large areas.**

i. Imagine that you have visited the Peak District within the British Isles to practise pot-holing with your friends. Explain how the various underground features, that you have seen as you slowly dropped down the pot-hole into the tunnels were formed.

15 marks

ii. On the given foolscap draw a labelled sketch to show the various features formed by the dripping water within a big underground cavern.

5 marks

### Section Two - The Developed World

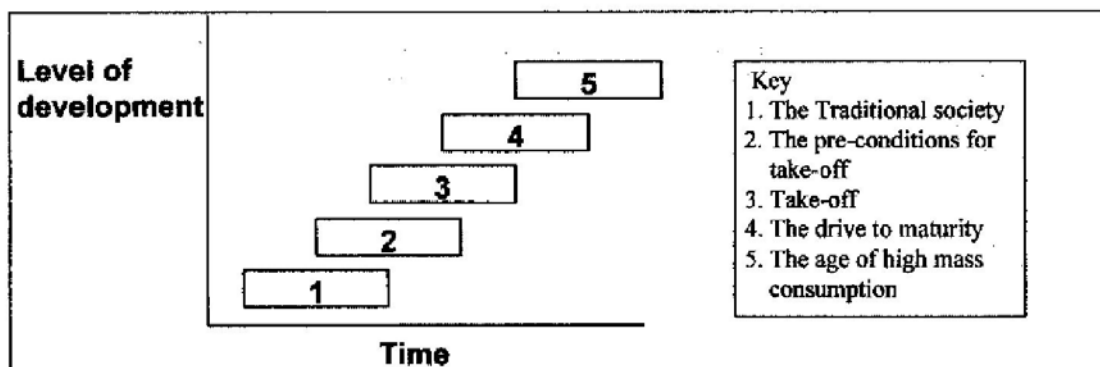
Choose one question A or B from this section.

A. Examine the following statistics and then answer the questions below.

Lab testing of rainwater samples	pH reading
Clean rainwater	5.5 - 6.0
Rain falling over North West Europe	4.0 - 4.5
Lowest reading recorded over North West Europe	2.4

- Why are the pH readings of rain falling over North West Europe alarming?  
6 marks
- How can these readings be linked to the fact that the countries of North West Europe are developed both economically and socially?  
8 marks
- What should be done so that the rain falling over Europe becomes cleaner with the right pH reading?  
6 marks

B. Examine well the Rostow Model of development and then answer the questions below.



- Which of the following countries have reached Level 5 of the Rostow Model of development? See example given.

Country	Level 5
USA	X
India	

Japan	
Italy	
Bangladesh	
United Kingdom	
Germany	

4 marks

ii. What do the countries which have reached Level 5 have in common?

8 marks

iii. What measures have to be taken by the governments of these countries to make sure that further development is sustainable?

8 marks

### Section three - The developing world

Choose one question A or B from this section.

A. Examine the following statistics and then answer the questions below.

#### Dependence on a single commodity

Nigeria	90% oil
Ghana	68% coal
Zambia	88% copper
Uganda	86% coffee

i. Which are the main problems resulting from the fact that the economy of the above developing countries is dependant on the export of a single commodity?

10 marks

ii. How can international aid be used to help these developing countries raise their standard of living?

10 marks

B. In developing countries contaminated water can be the bearer of disease and even death.

i. Which are the main causes by which the water is being contaminated in developing countries?

10 marks

ii. Explain how international organisations are helping local communities to protect their water sources from contamination.

10 marks

### Section Four-The World Map

Travel Agencies are today advertising a greater variety of destinations even in developing countries.

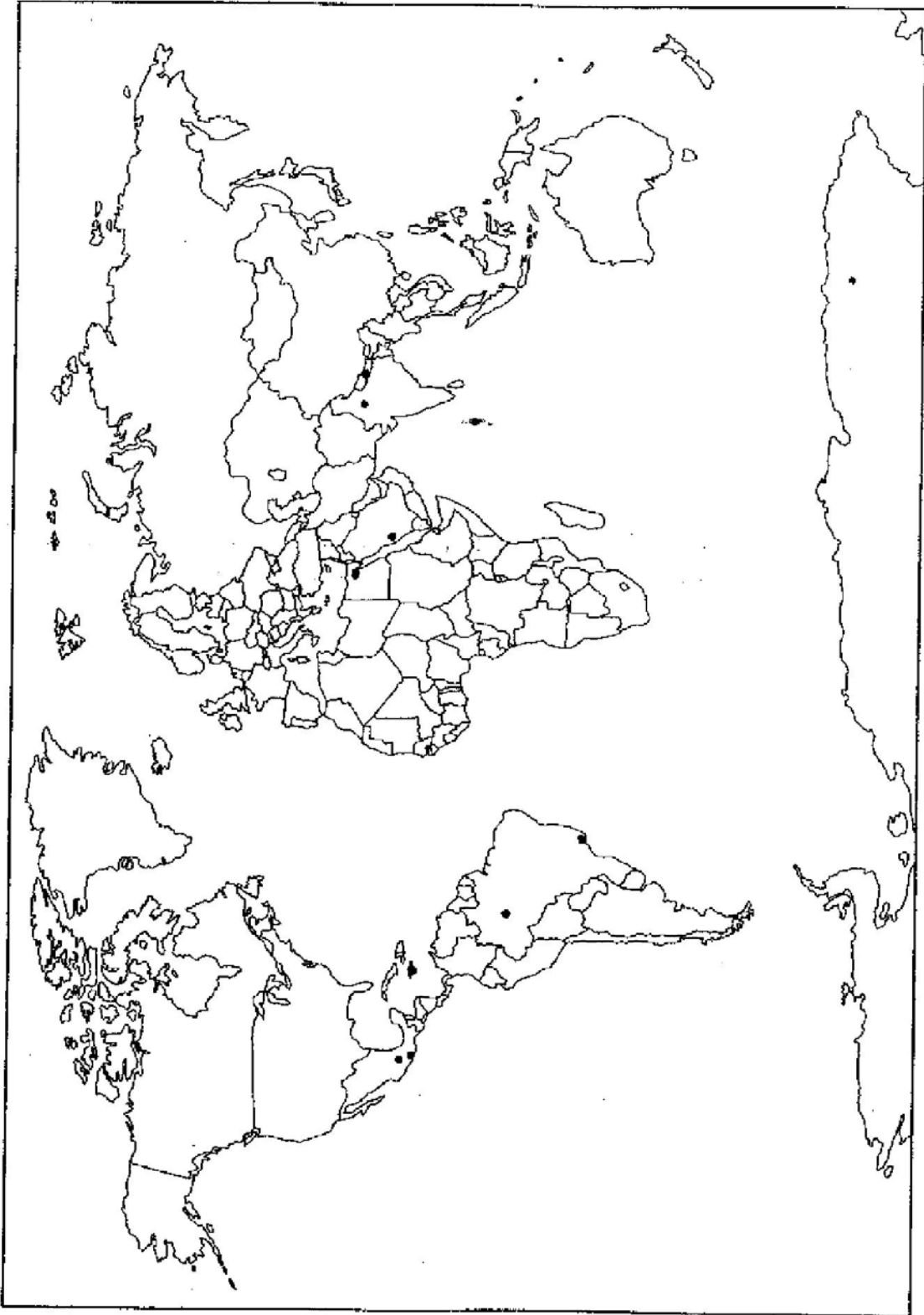
i. Tick the right column in the table below to indicate the most important reason why tourists visit the following locations -

Location	Cultural and Historical Centre	Places of Pilgrimage	Coastal Resort	Places of great natural beauty
1. Cairo				
2. Maldives				
3. Nepal				
4. Mecca				
5. Jamaica				
6. Mexico City				
7. Amazon rainforest				
8. Acapulco				
9. Rio de Janeiro				
10. Delhi				

10 marks

ii. On the given outline map of the world mark the corresponding numbers of the above ten locations to show their exact position.

**The World Map**



10 marks

### **Section Five – The Survey Map**

**Answer all questions from this section. Include the relevant Grid References.**

Examine well the OS Map of Barton-Upon-Humber.

- i. Comment on the site and situation of the settlement Barton-Upon-Humber.  
8 marks
- ii. What services are available at Barton-Upon-Humber and the surrounding area to cater for visitors wanting to discover this part of the British Isles?  
4 marks
- iii. Which are the main attractions of Barton-Upon-Humber and the surrounding area?  
4 marks
- iv. Calculate the actual distance from the centre of Barton-Upon-Humber Grid Reference 028210 to the Locks at Grid Reference 975211.  
4 marks

1:50 000 Second Series

504000m  
+24000m

