

JUNIOR LYCEUM ANNUAL EXAMINATIONS 2003

Educational Assessment Unit – Education Division

FORM 4

GEOGRAPHY GENERAL

TIME: 1h 30min

Name: _____ Class: _____

1. Six places are marked on the map below with the numbers 1 to 6.

They are: *Amazon Forest*
Antarctica

Bangladesh
Himalayan Mountains

Sahara Desert
Western Europe



a. Write the correct name next to each number in **column B** on the table found on the next page. **(6 marks)**

b. In **column C** of the same table write if each of the six regions has a **dense** or **sparse population**. **(6 marks)**

A Map Number	B Name of Region	C Population Density
1		
2		
3		
4		
5		
6		

c. The following statements describe the six regions shown on the map. Write the numbers from 1 – 6 next to each statement best describing the particular region.

- Flat; rich fertile soils for rice farming _____
- Hot and dry with little soil _____
- Very hot and wet _____
- Very cold, therefore covered with snow and ice _____
- Many factories; intensive farming _____
- Steep soils and thin soils _____

(3 marks)

- d. Write a short paragraph to explain fully the reasons for the population density of :
(i) **Antarctica**

(5 marks)

- (ii) **Western Europe**

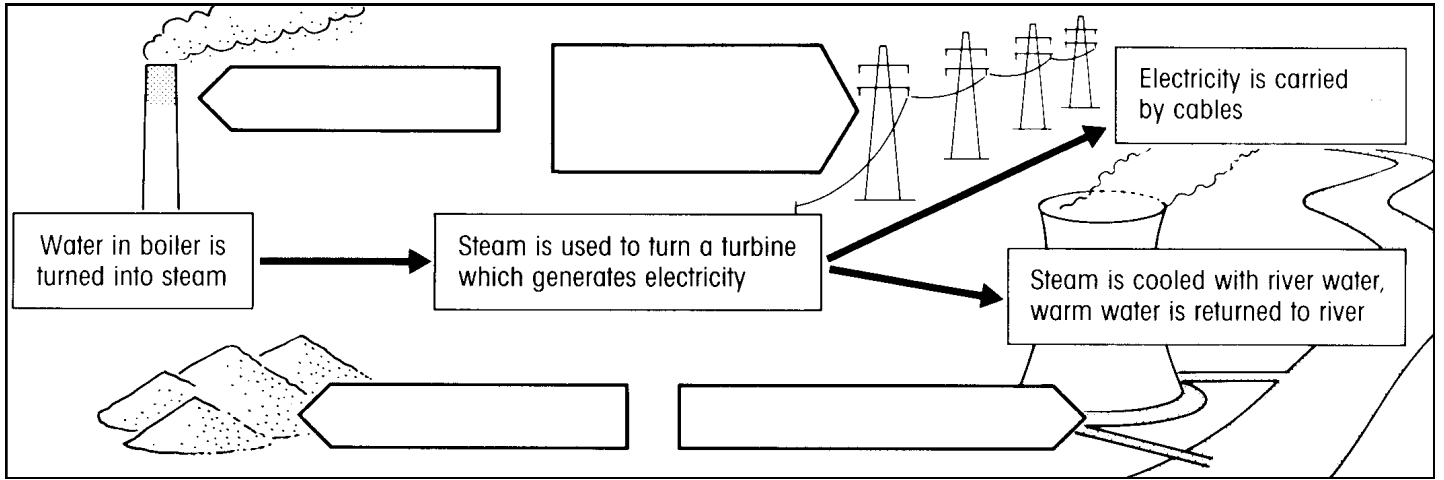
(5 marks)

2. Give another word or words which have the same meaning as the phrases below:

- a. The breakdown of rock by chemical action _____
- b. The removal of soil by wind or water _____
- c. The growing of just enough food for your own needs with
nothing left over to sell _____
- d. A seasonal wind in India bringing large amounts of rain _____
- e. A steep-sided valley _____
- f. The movement of goods and services between countries _____

(6 marks)

3. The diagram below shows how electricity is produced in a thermal power station.



(a) Referring to the diagram, briefly describe how electricity is produced in a thermal power station.

(5 marks)

(b) Name two non-renewable fossil fuels.

(i) _____ (ii) _____

(1 mark)

(c) The diagram has four missing labels. Each label represents a different type of pollution caused by the production of electricity at a thermal power station. Now, write the four types of pollution in their correct boxes. The four types of pollution are: *Water pollution, Visual pollution, Ash waste, Air pollution*

(2 marks)

(d) Write a sentence on each of the above type of pollution, explaining why it is damaging or unpleasant.

1. _____

2. _____

3. _____

4. _____

(8 marks)

(e) Electricity is essential to us but its production may be damaging the environment. It is causing acid rain and global temperatures to rise.

Briefly explain the meaning of:

(i) acid rain:

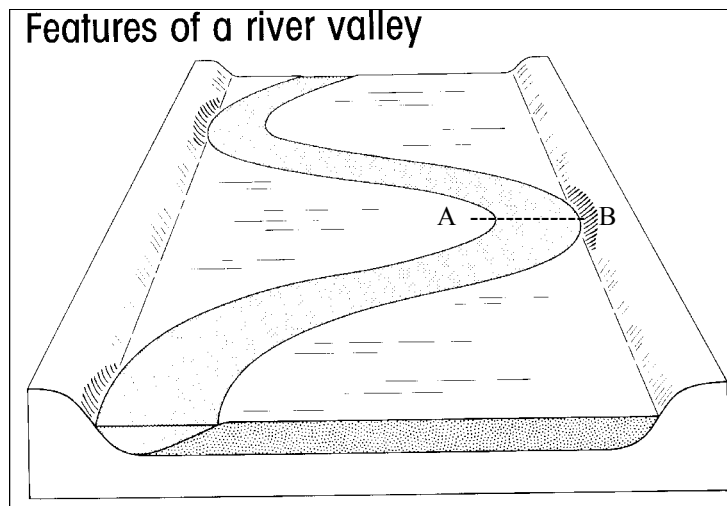
(ii) global warming:

(4 marks)

- (f) In the space provided below draw a diagram to show how thermal power stations are causing world temperatures to rise



4. Study the figure below showing some features of a river valley. The diagram shows a river winding its way down a valley.



- a. Put the following terms in an appropriate place on the diagram:

Floodplain

Meander

Alluvium

(3 marks)

b. Write a simple sentence to explain the meaning of each term.

Flood plain

Meander

Alluvium

(6 marks)

c. In the space provided in the next page, draw a cross section of the river bend from A to B. Now add the following labels on the cross-section of the river bend.

Deep water
shallow water

deposition
river cliff

erosion

(5 marks)



(d) Give one reason why the flood plain of a valley is good for farming.

(3 marks)

(e) Mention one problem of farming the flood plain.

(3 marks)

5. Write a short paragraph on Antarctica.

The following points are to help you.

- (i) Briefly describe the climate and scenery of Antarctica.
- (ii) Name some of Antarctica's resources.
- (iii) How is Antarctica being polluted?

(12 marks)

6. Write a short paragraph on how to protect wildlife.

Use the following points.

- (i) What is meant by the terms extinct and endangered species?
- (ii) Name 3 examples of endangered species and briefly give reasons why they are becoming endangered.
- (iii) What is being done to protect certain endangered species?

(12 marks)

End of Paper