



GEOGRAPHY

Subject Number: M073/II

Wednesday, 17 July

Time Allowed: 2 hours
1:00 – 3:00 pm

PAPER II (100 marks)

HUMAN AND ECONOMIC GEOGRAPHY

Instructions

1. This paper contains 12 printed pages. Please check
2. The paper has **two** sections A and B. Answer all the **three** questions in Section A and any other **one** question in Section B.
3. The maximum number of marks for each answer are indicated against each question.
4. Write your **Examination Number** on top of each page of the question paper.
5. In the table provided on this page **tick** against the question number you have answered.
6. Hand in your **question paper** to the invigilator when time is called to stop writing.

Question Number	Tick if answered	Do not write in these columns	
1			
2			
3			
4			
5			



Section A (75 marks)

Answer **all** the questions in this section in the spaces provided.

1. a. (i) Mention any **three** examples of goods which are transported using pipelines.

(3 marks)

- (ii) State any **two** disadvantages of pipelines as a mode of transport.

(2 marks)

- (iii) Explain any **two** advantages of road transport.

(4 marks)

- b. Explain any **two** challenges which Malawi faces in trade due to its membership to **SADC**.

(4 marks)



Continued/...

1. (Continued)

c. (i) Mention any **two** dairy breeds of cattle which are raised on Danish dairy farms.

(2 marks)

(ii) Describe any **two** environmental factors which influence dairy farming in Denmark.

(4 marks)

(iii) Explain any **three** ways in which cooperatives influence dairy farming in Denmark.

(6 marks)

Continued/...



2. a. Table 1 shows the annual farm activities on an intensive rice farm in South East Asia.

Table 1

Season	Month	Activity
Hot dry season	May	Harvesting of second crop Field preparation
Rainy season	June	Sowing of the first crop
	July	Transplanting of the first crop
	August - September	Fertiliser application, Pest and disease control
	October	Draining of fields
Cool dry season	November - December	Sowing of the second crop Harvesting and storage
	January	Transplanting of the second crop
	February to March	Fertilizer application. Pest and disease control
Hot dry season	April	Harvesting of second crop

- (i) Why is transplanting of the first crop done in July?

(1 mark)

- (ii) Explain any **one** way in which draining of rice fields before harvesting is important.

(2 marks)



Continued/...

2. a. (Continued)

(iii) Using the information in **Table 1**, draw a pie chart with a radius of **4cm** showing the annual farm activities on the rice farm. **(10 marks)**

b. (i) Describe any **two** climatic conditions which encourage irrigation farming.

(4 marks)

(ii) Explain any **two** challenges which are associated with the use of sprinkler method of irrigation.

(4 marks)

Continued/.



2. (Continued)

c. Explain any **one** way in which each of the following stages of tea processing is important.

(i) firing

(2 marks)

(ii) fermentation

(2 marks)

3. a. Describe each of the following ways of managing wastes:

(i) incineration

(2 marks)

(ii) landfill

(2 marks)

b. (i) Describe the **main** aim of the Kyoto protocol.

(2 marks)

(ii) Explain any **two** climate change mitigation measures which are practiced at community level in Malawi.

(4 marks)



Continued/...

3. (Continued)

c. **Figure 1** is a map of Africa showing the distribution of some minerals. Use it to answer questions that follow.

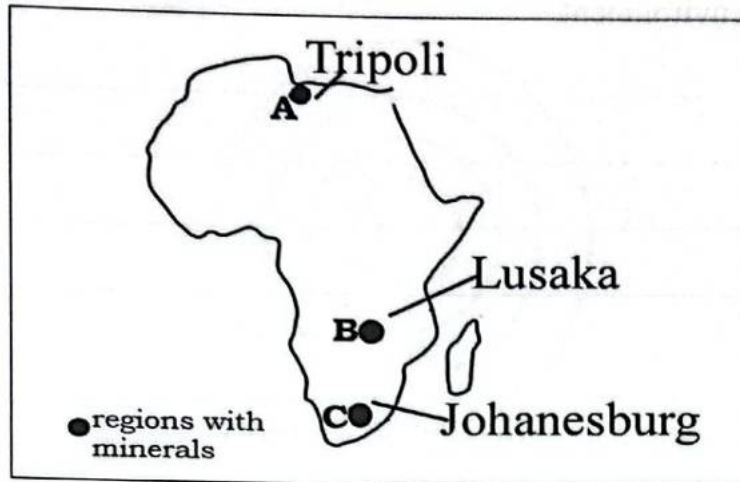


Figure 1

(i) Mention the minerals which are found in regions labelled **A**, **B** and **C**.

A: _____ (1 mark)

B: _____ (1 mark)

C: _____ (1 mark)

(ii) State any **two** uses of the mineral found in region **B**.

(2 marks)

(iii) Name any **two** world's leading producers of the mineral found in region **C**.

(2 marks)

(iv) Explain any **two** environmental challenges associated with the use of mineral found in region **A**.

(4 marks)
Continued/...



3. (Continued)

d. Explain any **two** effects of the production of Thermal energy on the environment.

(4 marks)

Section B (25 marks)

Answer **one** question only from this section in the spaces provided.

4. a. Describe the influence of each of the following factors on the location of industries:

(i) accessibility to markets

(2 marks)

(ii) efficient transport networks

(2 marks)

b. Explain any **two** environmental hazards which are influenced by industrialisation.

(4 marks)



Continued/...



4. (Continued)

c. Figure 2 is an illustration of the functional zones of an urban area using the Concentric Zonal model.

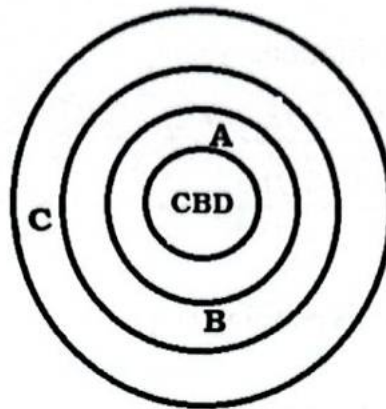


Figure 2

(i) Identify zones labelled A, B and C.

A: _____ (1 mark)

B: _____ (1 mark)

C: _____ (1 mark)

(ii) Mention any two characteristics of zone C.

(2 marks)

(iii) State any two challenges experienced in zone A.

(2 marks)

(iv) Explain any two solutions to the problems that are experienced in the Central Business District.

(4 marks)

Continued/...



4. (Continued)

d. (i) Define each the following stages of the Demographic Transitional model:

1. Early Stationary stage

(1 mark)

2. Early Expanding stage

(1 mark)

(ii) Explain any **two** causes of declining death rates in the Low Stationary stage of the Demographic Transitional model.

(4 marks)

5. a. (i) Name any **two** Eco-tourism centers in Malawi.

(2 marks)

(ii) Describe any **two** ways in which Eco-tourism is important.

(4 marks)

Continued/...



5. (Continued)

- b. **Table 2** shows population statistics for the three countries: N, O and Q. Use its information to answer questions that follow.

Table 2

Country	Total population	Total area (km ²)	Population density
N	77,000,000	110,000	---
O	90,000	45	2000pp/km ²
Q	---	320,000	250pp/km ²

(i) Calculate the following:

1. Population density for country N.

(2 marks)

2. Total Population for country Q.

(2 marks)

(ii) Compare the population densities of country N and country O.

(2 marks)

- c. Mention any
- two**
- strategies which each of the following countries are using to control rapid population growth.

(i) China

(2 marks)

Continued/...



5. c. (Continued)

(ii) Great Britain

(2 marks)

d. (i) Define the term "Settlement".

(1 mark)

(ii) Describe any **two** settlement patterns.

(4 marks)

e. Explain any **two** factors which have influenced the rapid growth of Lilongwe city.

(4 marks)



END OF QUESTION PAPER
NB: This paper contains 12 printed pages.