EXAMINATION NO: _____

CHINSAPO CLUSTER EXAMINATIONS BOARD

2023 MALAWI SCHOOL CERTICATE OF EDUCATION MOCK EXAMINATION

GEOGRAPHY

DATE: /   /2023   Subject No: MO73/II

Time Allowed; 2hrs

PAPER II

(100 Marks)

HUMAN AND ECONOMIC GEOGRAPHY

Instructions

- This paper contains **15 printed pages**. Please check.
- The paper has **five questions**. Answer the questions in the spaces provided
- The paper has two sections A and B. Answer **all questions in Section A** and **any one question in Section B**.
- Maximum number of marks for the answers is indicated against each question
- Write **your name** on top of the question paper.
- In the table provided on this page **tick against** the question number you have answered

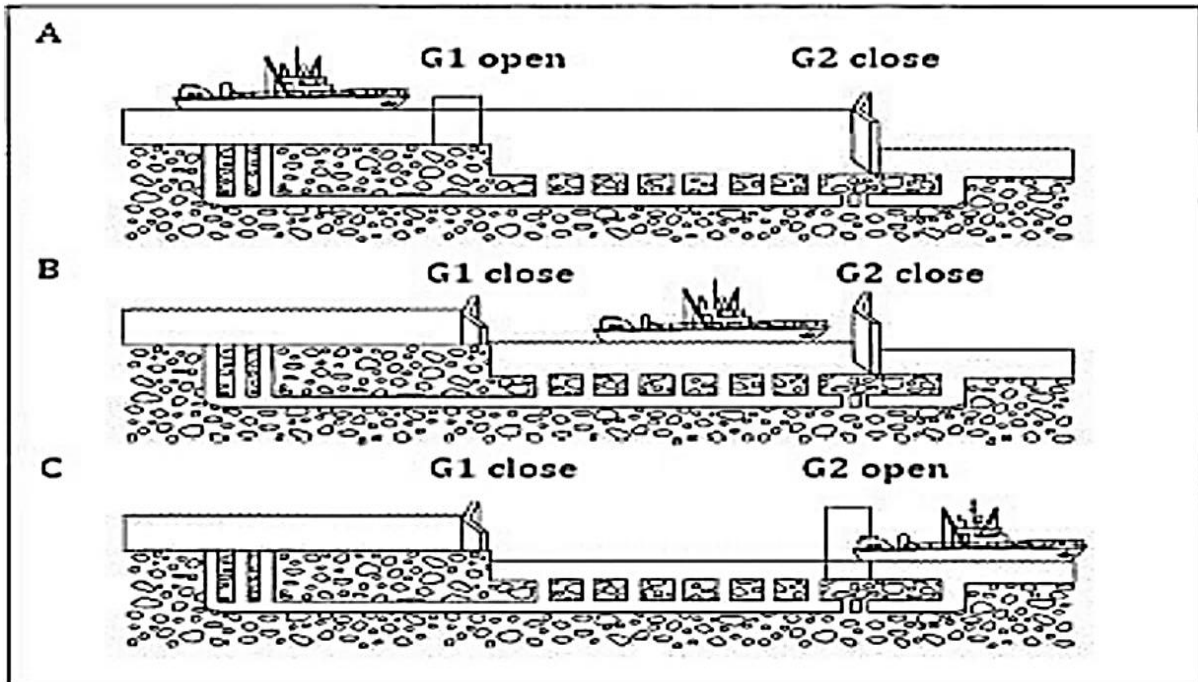| Question Number	Tick if Answered	Do not write in these columns	
1			
2			
3			
4			
5			

Turn Over

SECTION A (75 Marks)

Answer all questions

1.

a. Figure 1 below is a picture of a lock system on a canal. Use it to answer questions which follow

i. Briefly explain the use of lock systems on a canal.

_____

_____

_____

(2 Mark)

ii. Explain how the lock system in the picture works

_____

_____

_____

_____

_____

_____

(5 Marks)

b.

i.   Define the term waste management

_____

_____

_____

(2 Marks)

ii.   Explain the reason why reducing is considered the best waste
management method

_____

_____

_____

(2 Marks)

iii.   Mention any three challenges facing waste management in
developing countries.

_____

_____

_____

(3 Marks)

c. Figure 2 below is a picture showing how a certain type of energy is
produced. Use it to answer questions which follow

i. Identify the type of energy illustrated in the picture above

_____

(1 Mark)

ii. Explain how the energy in the diagram is produced

_____

_____

_____

_____

_____

(3 Marks)

iii. Explain **two** main ways in which geothermal energy is used

_____

_____

_____

_____

_____

_____

(4 Marks)

d. Mention any **three** advantages of hydroelectricity over nuclear energy

_____

_____

_____

(3 Marks)

2.

a. Figure 3 below is a map showing one of the fishing grounds in the world. Use it to answer questions which follow

i. Name the fishing ground marked E on the map

_____

(1 Mark)

ii. Name the current responsible for formation of this fishing ground

_____

(1 Marks)

iii. Explain how occurrence of EL Nino affects fishing in this area

_____

_____

_____

_____

_____

(3 Marks)

b. Define the following terms in relation to trade:

i. Trade deficit

_____

_____

_____

(2 Marks)

ii.   Customs union

_____

_____

_____

(2 Marks)

c. Mention any **two** problems associated with customs

_____

_____

_____

_____

(2 Marks)

d. What are the benefits of joining trade blocks? Explain any two points

_____

_____

_____

_____

_____

_____

(4 Marks)

e. Figure 3 below is a world map showing population distribution. Use it to answer questions which follow.

i. Mention any **two** reasons behind the population density in the areas marked:

a) Region A

_____

_____

(2 Marks)

b) Region B

_____

_____

(2 Marks)

c) Region C

_____

_____

(2 Marks)

ii. Explain any **two** human factors that have influenced the population density of region D

_____

_____

_____

_____

_____

(4 Marks)

3.

a. Describe the following terms in relation to desalination

i.   Fouling

_____

_____

(1 Mark)

ii.   Reverse osmosis

_____

_____

(1 Mark)

b. Briefly explain how vacuum freezing is used to treat water in Israel

_____

_____

_____

_____

(3 Marks)

c. Explain the importance of using vacuum tanks when purifying water through distillation

_____

_____

_____

(2 Marks)

d. Mention any three crops grown under irrigation in Israel

_____

_____

_____

(3 Marks)

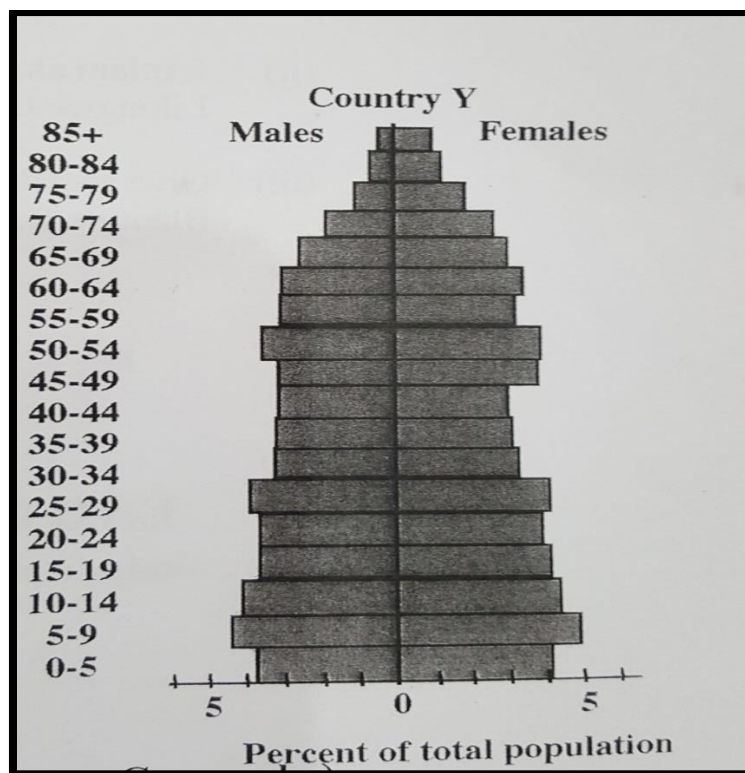e. Briefly explain why tea harvesting coincides with the rainy season in Malawi?

_____

_____

_____

(2 Marks)

f. Mention any three challenges facing irrigation farming in Malawi

_____

_____

_____

_____

(3 Marks)

g. Suggest possible solution to the challenges mentioned in (f) above

_____

_____

_____

_____

_____

(3 Marks)

h. Figure 4 below is a population graph for country Y. Use it to answer questions that follow

1) Name the population structure for country Y

_____

(1 Mark)

2) Name one country in Northern hemisphere and one country in southern hemisphere with such population structure?

_____

_____

(2 Marks)

3) With reference to the pyramid briefly describe the life expectancy of people living in country Y.

_____

_____

_____

(2 Marks)

4) Mention any **two** factors responsible for the shape of the pyramid for country Y.

_____

_____

(2 Marks)

Section B (25 Marks)

Answer **one** question only

4.

a. Table 1 below is showing the amount of fish caught by different countries 2019 to 2021

Country	2019	2020	2021	Total
Peru		23,567	109, 358	**391,566**
USA	358,990		345890	
Japan		891,380	947,500	**2,705,233**
Norway	57,777	89,405		**254,884**
Total	**1,541,761**	**1,352,242**		**4,404,453**

*catch in tonnes

i. Calculate the total annual catch for the four countries in the year 2021
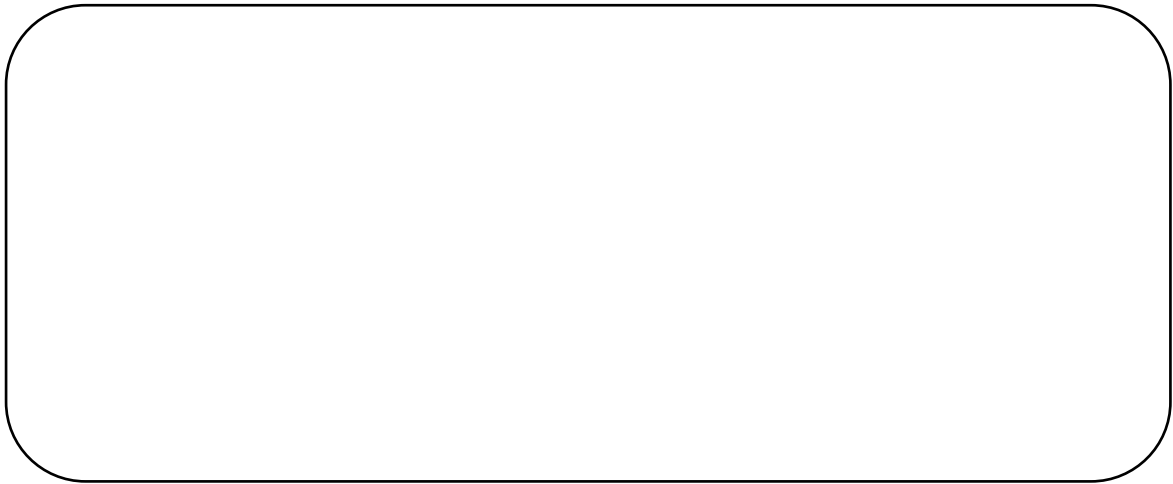
_____

_____

(2 Marks)

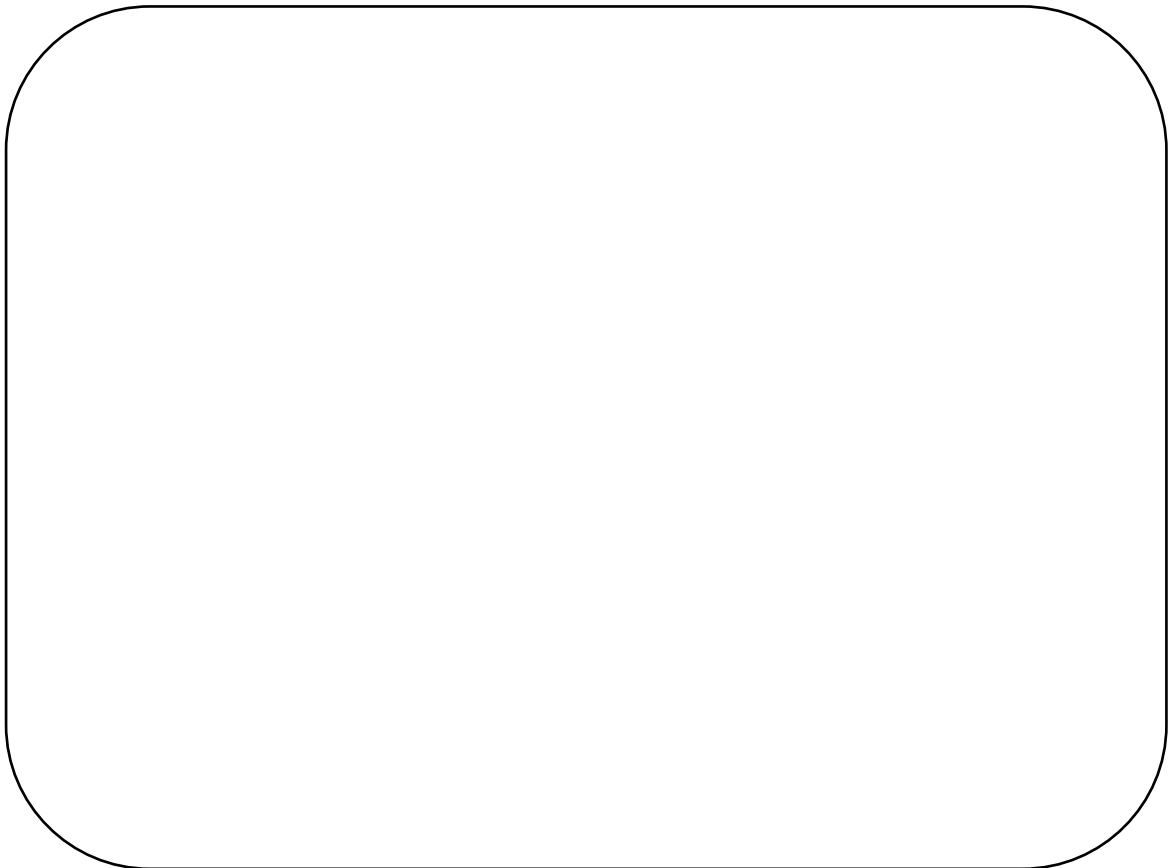ii. What was the total catch for USA between 2019 to 2021?

_____

(2 Marks)

b. Using a radius of 3cm draw a pie chart to show the total amounts of fish caught by the four countries over the three years. Show your working.

Working

(8 Marks)

Pie chart

(4 Marks)

c. With the aid of a well labelled diagram describe a linear settlement pattern

_____

_____

_____

(4 Marks)

d. Mention any **two** advantages of a linear settlement pattern

_____

_____

_____

(2 Marks)

e.

    i. Define an "ore"

_____

_____

_____

(1 Mark)

    ii. Mention any two types of uranium deposits

_____

_____

_____

(2 Marks)

5.

a.

    I.   Define "Industrialization"

_____

_____

_____

(1 Mark)

    II.   Explain any one reason why Malawi needs to invest in secondary industries.

_____

_____

_____

(2 Marks)

    III.   Explain how the following factors influence location of industries

        1. Government policies

_____

_____

_____

(2 Marks)

        2. Industrial inertia

_____

_____

_____

(2 Marks)

        3. Nature of raw materials

_____

_____

_____

(2 Marks)

b. Define the following terms in relation to urbanisation

    1. Urban sprawl

_____

_____

_____

(1 Mark)

    2. Slums

_____

_____

_____

(1 Mark)

    3. Urban bright

_____

_____

_____

(1 Mark)

c. Mention any **three** differences between urban and rural settlements

_____

_____

_____

_____

(3 Marks)

d. Briefly describe how demersal fish are caught by nets

_____

_____

_____

_____

_____

_____

(4 Marks)

e. Mention any **three** challenges facing the fishing industry in Malawi

_____

_____

_____

_____

(3 Marks)

f. Suggest any **three** possible solutions to the challenges mentioned in (f) above

_____

_____

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(3 Marks)

END OF QUESTION PAPER