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SAINT MARY`S SECONDARY SCHOOL
2026 MALAWI SCHOOL CERTIFICATE OF EDUCATION

POST MOCK EXAMINATION

GEOGRAPHY

Subject Number: M073/I

Time allowed: 2 h 30 min

PAPER I

(100 marks)

MAP READING AND PHYSICAL GEOGRAPHY

Instructions:

1. This paper contains **14 printed pages**. Please check.
2. The paper has **five** questions.
3. Answer **all** questions in section A and any **one** in section B.
4. Write your **Name** on top of **each** page of the question paper.
5. In the table provided on this page tick against the number of the questions you have answered.

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

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Section A (**75 marks**)

Answer **all** the questions in this section in the spaces provided under each question.

1. Study the **1:50,000** map extract of Chirobwe and answer the questions that follow.

a. (i) Give the six figure grid reference for the borehole **BHFC 780**
_____ (**2 marks**)

(ii) Identify the relief feature as shown by the contours in grid square **7387**.
_____ (**2 marks**)

(iii) Calculate the total area covered by Chirobwe Forest Reserve. Leave your answer to the nearest kilometre. (Show all your working)

(**5 marks**)

- b. (i) Identify the drainage pattern shown by the stream tributaries in grid square **6986**.

_____ (**1 mark**)

(ii) Identify the type of settlement displayed at grid reference **6590**.
_____ (**1 mark**)

(ii) Calculate the bearing of borehole **BHFC 780** from Trigonometric Station **353/MWS**.
_____ (**2 marks**)

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- c. (i) Give any **two** occupations of the people living in the area shown to the southern side of northing **90** on the map.

_____ **(2 marks)**

- (ii) Measure the length of the main road **M1** on the map. Give your answer to the nearest kilometre.

_____ **(2 marks)**

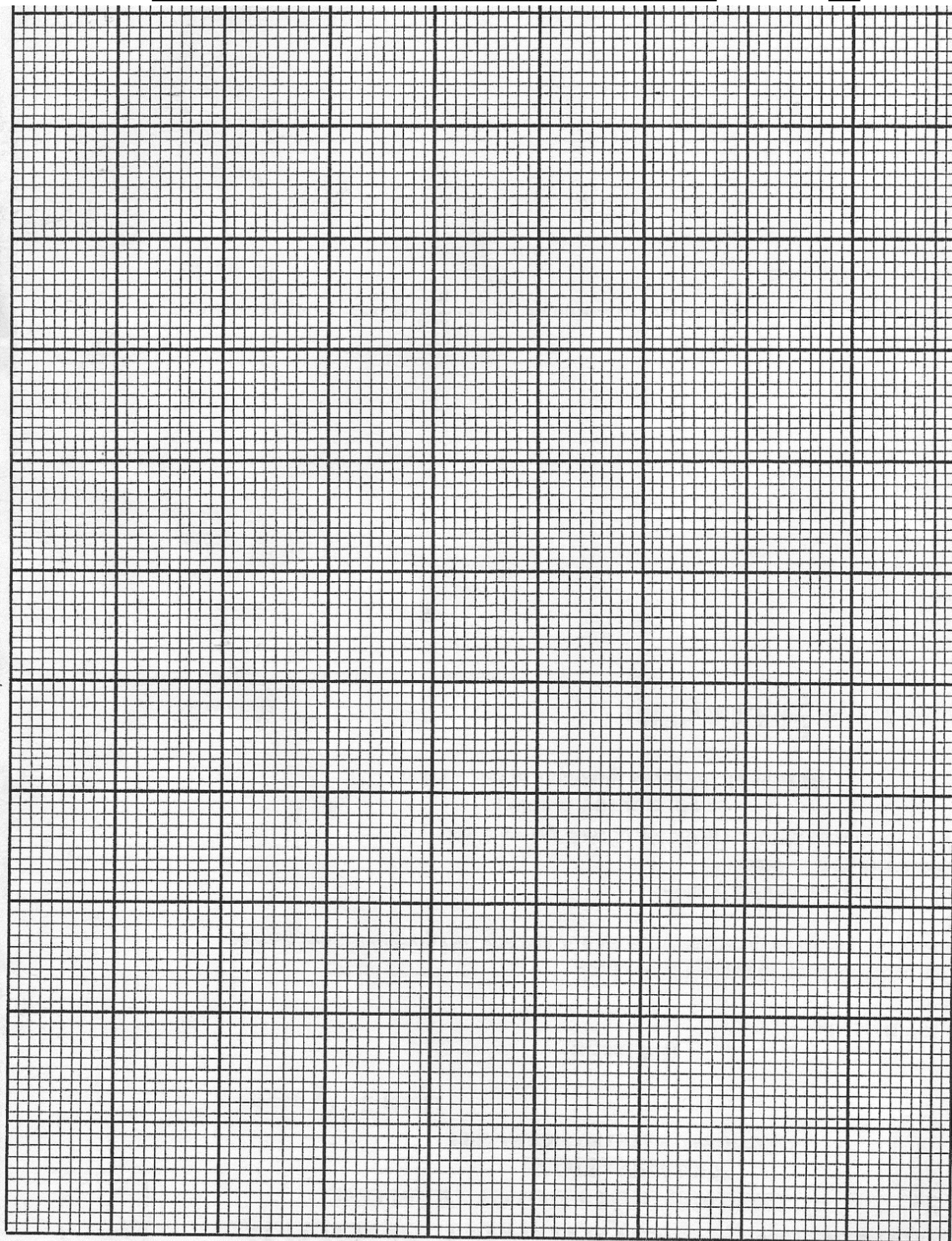
- d. Enlarge the map of Chirobwe in the area between eastings 70 and 73, and northings 85 and 88. Show the following on the enlarged map.

- i. New scale
- ii. Bridge
- iii. S138 road
- iv.** Livulezi River

(8 marks)

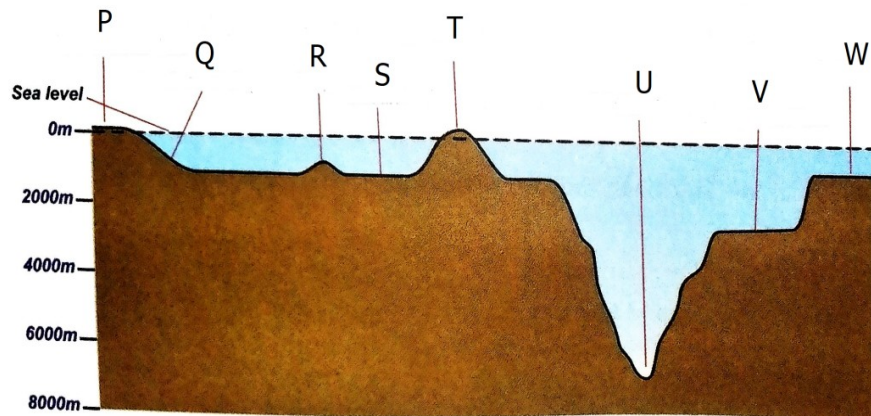
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2. a. **Figure 1** shows relief features of the ocean basin. Use it to answer the questions that follow.



i. Identify relief features T and V.

T _____
V _____ (2 marks)

ii. Explain how relief feature U is formed.

_____ (2 marks)

b.

(i) Explain how residual mountains are formed.

_____ (3 marks)

(ii) Name **two** planets that broke from Gondwanaland during continental drift process.

_____ (2 marks)

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c. With a clearly labelled diagram, explain how a rift valley is formed at a normal fault.

Diagram

(3 marks)

Explanation

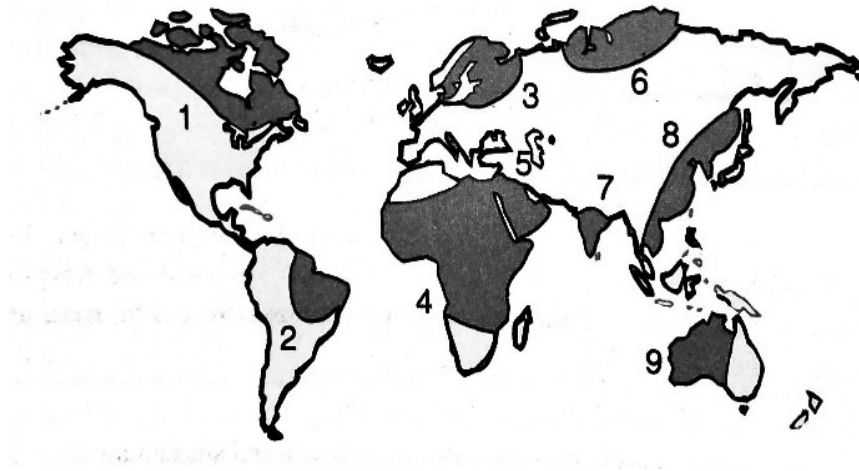
(3 marks)

d. Draw a clearly labelled diagram showing the rock cycle.

(6 marks)

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e. **Figure 2** shows shields of the world. Use it to answer the questions that follow.



i. Identify shields numbered **2**, **6** and **8**.

2 _____

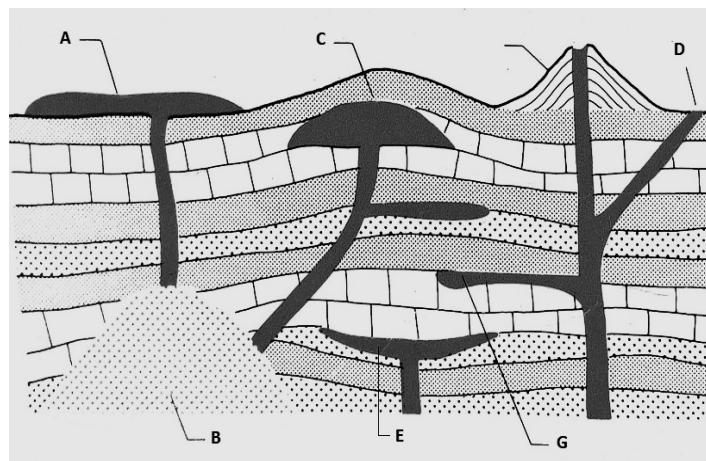
6 _____

8 _____ (3 marks)

ii. Give any one importance of shields

_____ (1 mark)

3. a. **Figure 3** shows intrusive volcanic features. Use it to answer the questions that follow.



a. Identify intrusive volcanic features labelled **E** and **G**.

E _____

G _____ (2 marks)

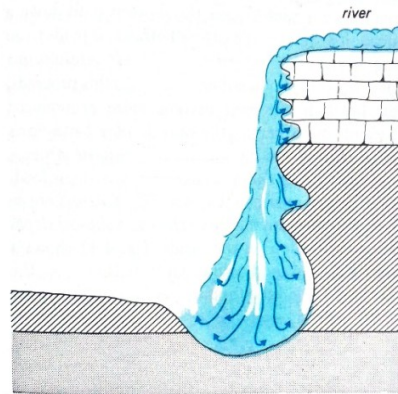
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b. Explain any **two** positive effects of volcanoes to human activities.

_____ (2 marks)

_____ (2 marks)

c. (i) **Figure 4** shows a riverine features. Use it to answer the questions that follow.



Name the riverine feature shown in the diagram.

_____ (1 mark)

Explain how the riverine feature in **figure 3** was formed.

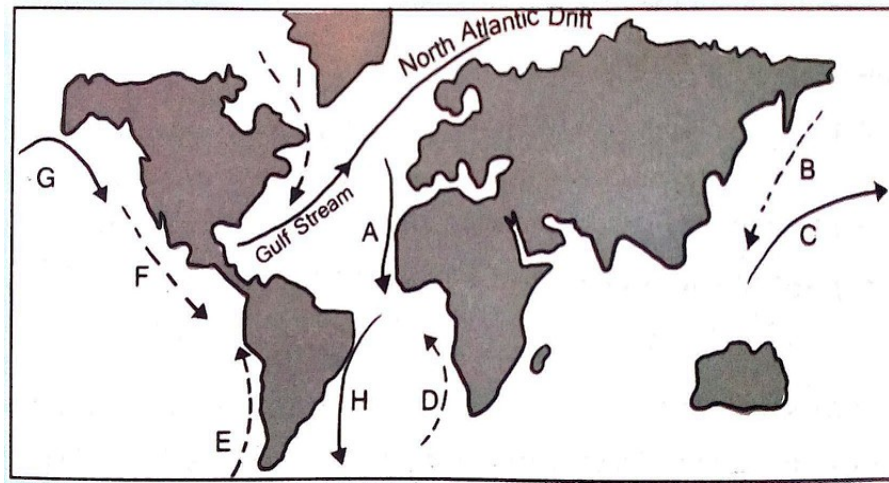
_____ (3 marks)

(ii) Draw prevailing winds on a rotating globe.

(4 marks)

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- c. (i) **Figure 5** shows major ocean currents of the world. Use it to answer the following questions.



Name ocean currents labelled

C _____

E _____ (2 marks)

Explain any **one** effect of ocean current D on the south western part of Africa.

_____ (2 marks)

- (ii) Give any **one** characteristic of warm ocean currents

_____ (1 mark)

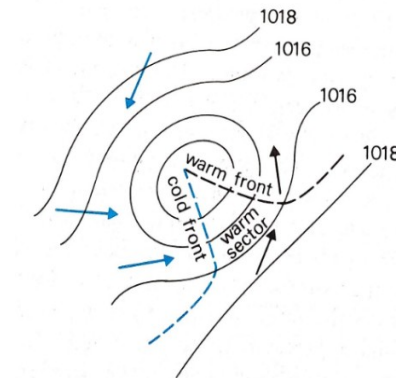
- d. Draw a clearly labelled diagram showing how orographic rainfall is formed.

(4 marks)

Section B (25 marks)

Answer any **one** question in this section.

4. a. **Figure 6** shows a cyclone. Use it to answer the following questions.



- (i) Identify the type of cyclone represented by the diagram.
_____ (1 mark)

- (ii) Give any **two** hazards associated with cyclones.

_____ (2 marks)

- (iii) Why is it that most of the Western coasts of continents are not affected by Tropical Cyclones?

_____ (2 marks)

- b. Describe **each** of the following importance of wildlife.

- i. Ecological value

_____ (2 marks)

- ii. Aesthetic value

_____ (2 marks)

- c. Give any **two** human activities that endanger wildlife.

_____ (2 marks)

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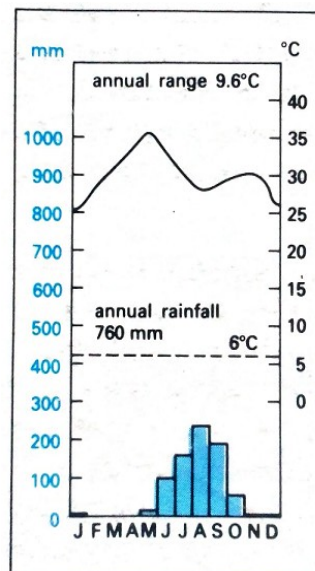
d. i. Give any **two** characteristics of descending local winds.

(2 marks)

ii. Name a local wind that influences local weather of Malawi.

(1 mark)

e. **Figure 7** is a climatic graph for a world climatic region. Use it to answer the questions that follow.



(i) Identify the climatic region being represented by the graph.

(2 marks)

(ii) Mention any **two** countries in Africa that experience the climate represented by the graph.

(2 marks)

(iii) Identify the hemisphere from which this climatic data was collected.

(1 mark)

(iv) Give any **two** characteristics of the climate being represented by the graph.

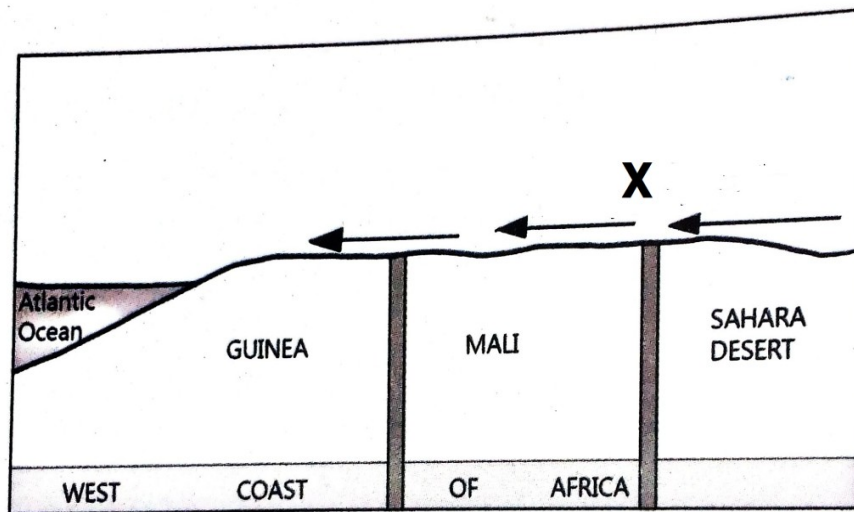
(2 marks)

(v) Explain any **one** way how the vegetation adapts to survive in the climatic region represented by the graph.

(2 marks)

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5. a. (i) **Figure 8** shows local winds. Use it to answer the questions that follow.



Name local winds labelled X.

_____ (1 mark)

Give any **three** characteristics of this local wind.

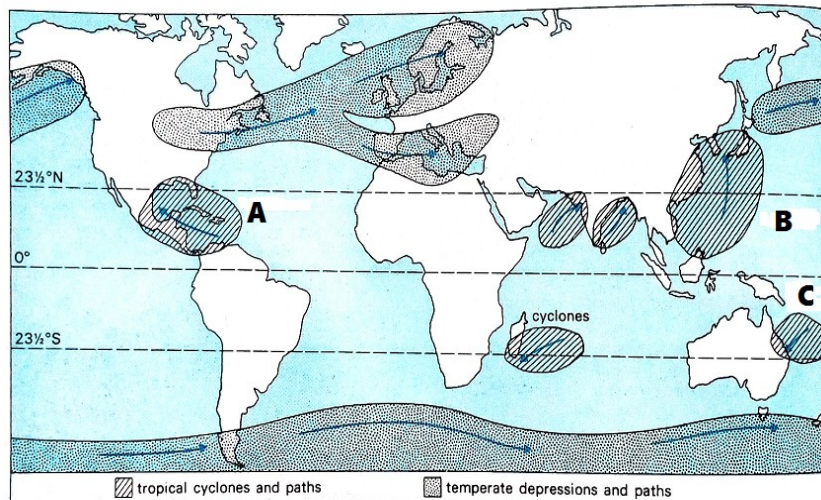
(3 marks)

- (ii) Draw a clearly labelled diagram showing a warm front.

(5 marks)

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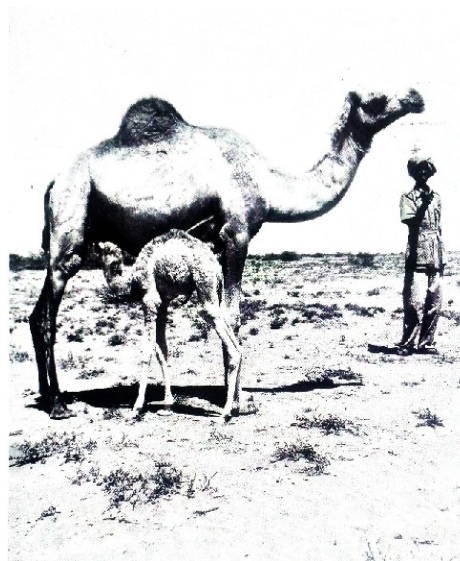
- b. **Figure 9** shows the distribution of tropical cyclones. Use it to answer the questions that follow.



- (i) By which names are tropical cyclones known in the regions labelled
- A _____
- C _____ (2 marks)
- (ii) Describe the movement of a tropical cyclone in the southern hemisphere.

_____ (2 marks)

- c. **Figure 10** shows a fauna found in a world climatic region. Use it to answer the questions that follow.



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(i) Identify the climatic region being represented by the fauna.
_____ (2 marks)

(ii) Mention any **two** countries in Africa that experience the climate represented by the fauna.

_____ (2 marks)

(iii) Mention any **one** economic activity practiced by people living in this climatic region.

_____ (1 mark)

(iv) Give any **two** characteristics of the climate being represented by the fauna.

_____ (2 marks)

(v) Explain any **one** way how the fauna adapts to survive in this climatic region.

_____ (2 marks)

d. i. Explain any **one** way of controlling desertification.

_____ (2 marks)

ii. Mention any **one** natural cause of climate change.

_____ (1 mark)

END OF QUESTION PAPER

NB: This paper contains 14 printed pages. Please check.