EXAMINATION NO: _____

BLANTYRE SECONDARY SCHOOL CLUSTER

2026 MALAWI SCHOOL CERTIFICATE OF EDUCATION MOCK EXAMINATION

GEOGRAPHY

Subject Number: M073/I

Tuesday, 24 February

Time Allowed**: 2 h 30 min**

8:00 – 10:30 am

PAPER I

(100 marks)

MAP READING AND PHYSICAL GEOGRAPHY

Instructions:

1. **This paper contains 15 printed pages. Please check**.
2. Write your **Examination Number** at the top of each page of this question paper.
3. The paper has two sections **A** and **B**
4. The number of marks for each answer are indicated against the question.
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			
Total			

SECTION A: (75 MARKS)

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

1. Study the **1:50,000** map of Kasungu sheet **1233C4** and use it to answer questions that follow.

   a. i. Find the **six figure** grid reference for the trigonometric station **519/MWT**

   _____

   (2 marks)

   ii. Identify the human made feature found on grid 336829

   _____

   (1 mark)

   b. Calculate the following

   i. Bearing of Chioza dip tank from T/A Chulu

   _____

   _____

   (3 marks)

   ii. Area of Kasungu national park south of northing 78.

   (6 marks)

d. i. Identify **any two** drainage patterns displayed by the rivers on the map?

_____

_____

(2 marks)

ii. Explain whether Chafumba Moyo in grid 3375 is intervisible with T/A Mwase in grid 3773

_____

_____

_____

_____

(3 marks)

d. i. What is the vertical interval for the map?

_____

(1 mark)

ii. Calculate the gradient of Kambulu school from the borehole (BH GK 120) on the map.

(7 marks)

2. a. Mention **any two** examples of oceanic plates

_____

_____

(2 marks)

b. With a well labelled diagram, describe a conservative margin/slipping or transform plate boundary.

_____

_____

_____

_____

_____

_____

(5 marks)

c. Explain how an oceanic ridge is formed.

_____

_____

_____

_____

_____

_____

_____

_____

(5 marks)

d. Outline **any two** negative effects of mountains

_____

_____

(2 marks)

e. Describe an anticlinal fault

_____

_____

_____

_____

(3 marks)

f. With a well labelled diagram, explain how a block mountain is formed through tension force.

_____

_____

_____

_____

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_____

(7 marks)

3. a. Explain what is involved in the following stages in the Disaster Risk Management cycle

i. Risk identification and assessment

_____

_____

_____

(2 marks)

ii. Prevention and mitigation

_____

_____

_____

(2 marks)

b. **Figure 1** below is the map of the world showing major volcanic activity areas and use it to answer the questions that follow

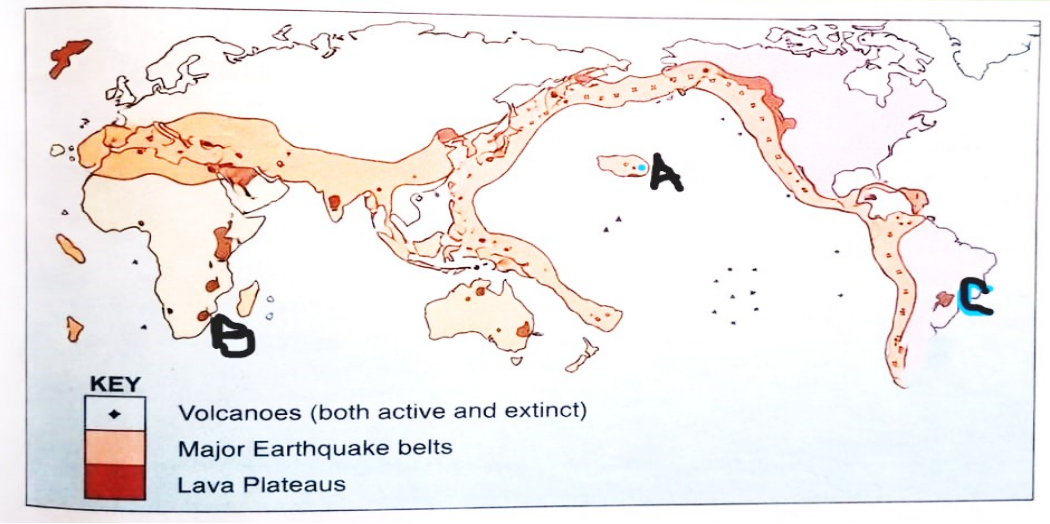

Figure 1

i. Identify the following lava plateaus

A _____

(1 mark)

B _____

(1 mark)

C _____

(1 mark)

ii. Explain how the lava plateaus above were formed

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

(5 marks)

d. i. Describe **any two** natural causes of earthquakes

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

(4 marks)

ii. Give **any one** example of a shield.

_____

(1 mark)

e. Outline **any two** characteristics of sedimentary rocks

_____

_____

(2 marks)

SECTION B. (25 marks)

Answer any one question in this section.

4. a. **Figure 2** below is a diagram of a coastal feature. Use it to answer the questions that follow

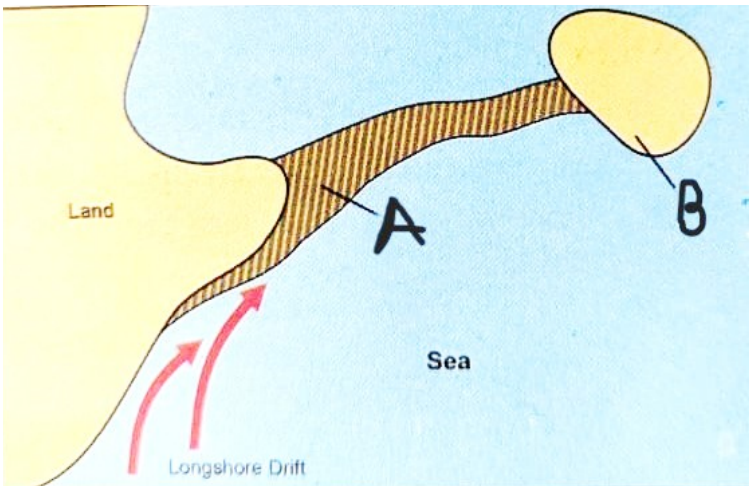

Figure 2

i. Name the coastal feature labelled **A**

_____

(1 mark)

ii. Explain how the coastal feature was formed

_____

_____

_____

_____

(3 marks)

b. What causes the following types of pressure belts

i. Equatorial low pressure belt

_____

_____

(2 marks)

ii. Subtropical high-pressure belt

_____

_____

_____

(2 marks)

c. i. Describe **any two** classes of air masses based on latitude

_____

_____

_____

_____

_____

_____

_____

(4 marks)

ii. With a valid example, describe **any one** type of airmass that influence weather on the African continent

_____

_____

_____

(2 marks)

iii. Name **any one** example of cloud that brings rainfall

_____

(1 mark)

d. **Figure 3** below is a diagram of a vegetation, Use it to answer the questions that follow.

Figure 3

i. Identify the type of vegetation shown above

_____

(1 mark)

ii. Identify the type of climate associated with the vegetation above

_____

(1 mark)

ii. Explain **any two** ways on how the vegetation above adapts to its climate.

_____

_____

_____

_____

_____

_____

(4 marks)

d. With an aid of a well labelled diagram, explain how a see breeze is formed

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(5 marks)

5. a. **Figure 4** below is a diagram showing a coastal feature. Use it to answer the questions that follow.

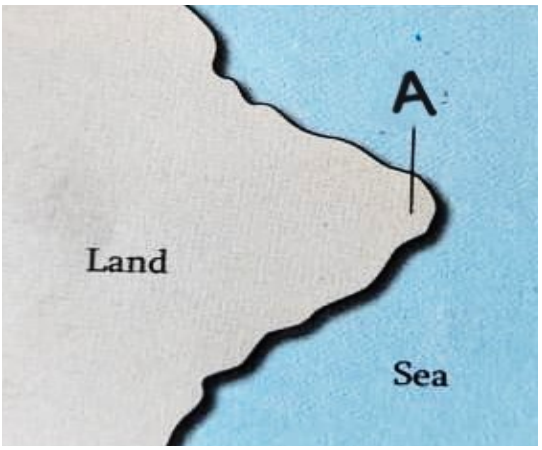

Figure 4

i. Identify the coastal feature labelled **A**

_____

(1 mark)

ii. Explain how the coastal feature above was formed

_____

_____

_____

_____

_____

(3 marks)

b. Explain the following factors that influence air pressure

i. Rotation of the earth

_____

_____

_____

(2 marks)

ii. Altitude

_____

_____

_____

(2 marks)

c. i. Explain **any two** types of fronts

_____

_____

_____

_____

_____

_____

(4 marks)

ii. Explain **any one** characteristic of the ICTZ

_____

_____

_____

(2 marks)

iii. Give **any one** example of precipitation

_____

(1 mark)

d. **Figure 5** below is the diagram of a type of vegetation, use it to answer questions that follow

i. Identify the type of vegetation shown above

_____

(1 mark)

ii. Mention the type of climate associated with this type of vegetation

_____

(1 mark)

iii. Explain **any two** ways on how the vegetation above adapts to its climate

_____

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_____

(4 marks)

e. With an aid of a well labelled diagram explain how a land breeze is formed.

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_____

(5 marks)

END OF QUESTION PAPER

NB: This paper contains 15 printed pages