

KAPSABET HIGH SCHOOL



Kenya Certificate of Secondary Education. (K.C.S.E) GEOGRAPHY PAPER ONE



MOCK 2023

NAME..... ADM NO.....

SIGN.....

CLASS..... DATE.....

312/1
GEOGRAPHY
PAPER 1
TIME: 2³/₄ HOURS

Kenya Certificate of Secondary Education.(K.C.S.E)

INSTRUCTIONS TO CANDIDATES

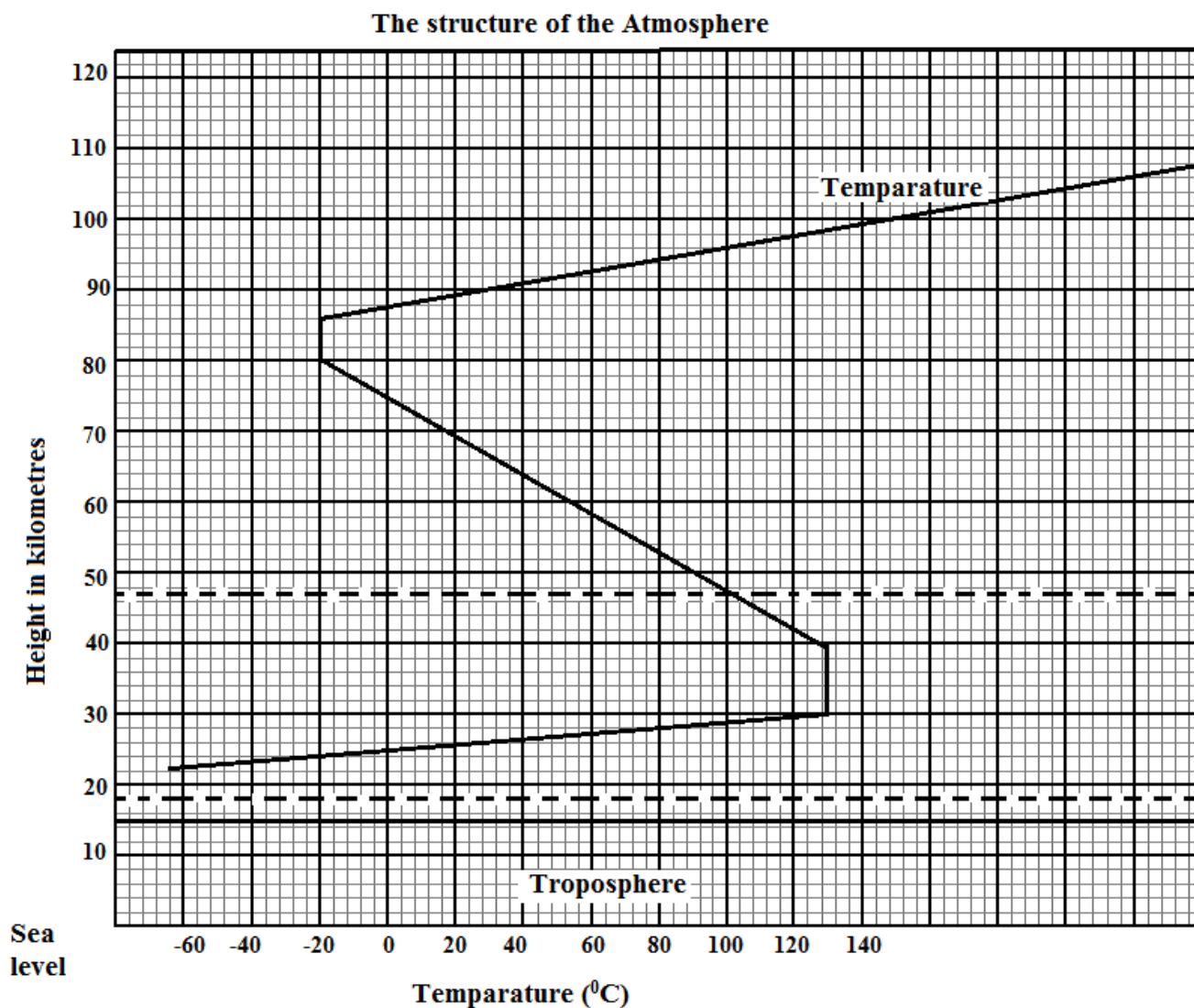
1. Write your name and index number in the spaces provided above
2. This paper consists of **TWO** sections A and B
3. Answer **ALL** questions in Section A. In section B answer **QUESTION 6** and any other **TWO**.
4. All answers **MUST** be written in the spaces provided at the end of question 10
5. Do not remove any pages from this booklet
6. This paper consists of 12 printed pages. Candidates should check to ensure that all pages are printed as indicated and no questions are missing.

For Examiners Use Only

Section	Questions	Maximum Score	Candidates Score
A	1 – 5	25	
B	6	25	
		25	
		25	
	TOTAL SCORE	100	

SECTION A
ANSWER ALL THE QUESTIONS IN THIS SECTION

- 1a) Define the term Environment. (3mks)
- b.) List any three major areas covered in physical Geography. (3mks)
- 2a) The diagram below represents the structure of the atmosphere use it to answer question (a)

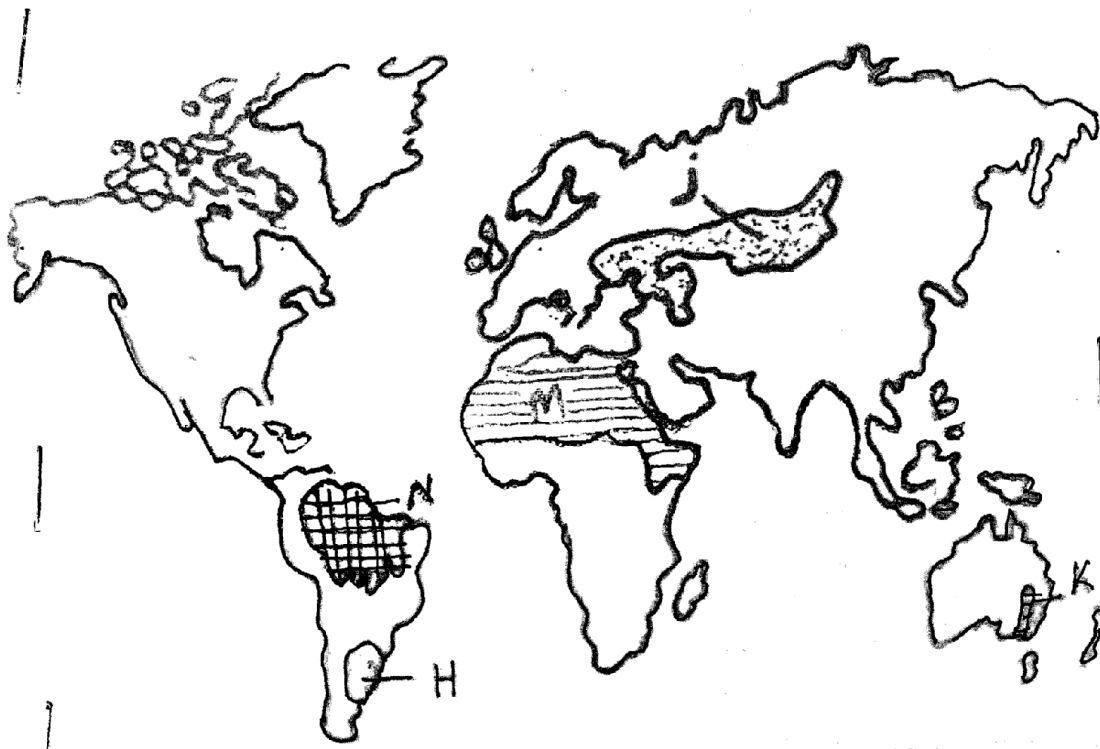


- a) Name
- i) The parts marked P and Q. (2mks)
- ii) The layer of discontinuity marked R. (1mk)
- b.) State two characteristics of weather conditions in the troposphere. (2mks)
3. a) What is an earthquake? (2mks)
- b) Identify the scale used to measure
- i) The intensity of earthquakes. (1mk)
- ii) The magnitude of earthquakes. (1mk)

- c) Name one major region where earthquakes are likely to occur. (1mk)
4. a) Distinguish between River Capture and river rejuvenation. (2mks)
- b) State three characteristics of a river at youthful stage. (3mks)
5. a) Explain two reasons why wind is the dominant agent of erosion in arid area. (4mks)
- b) Identify any one feature formed as a result of wind deposition in arid areas. (1mk)
6. Use the map PROVIDED KISUMU EAST 1:50,000 (SHEET 116/2) and answer the following questions .
- a.) i) What is the sheet title of the map (1mk)
- ii). What is the magnetic declination of the map extract (1mk)
- b. i) Convert the ratio scale of the map extract into statement scale. (2mks)
- c.) What is the bearing of trigonometrical station at grid reference 081980 from the Air photo Principals point at grid square 0997. (2mks)
- d) Give three types of natural Vegetation found in the area covered by map. (3mks)
- e) Describe the drainage of the area covered by the map. (5mks)
- f) Draw a rectangle 12cm by 10cm to represent the area enclosed by Easting 03 and 09 and Northing 80 and 85. On the rectangle, mark and name the following features. (5mks)
- i) Trigonometrical station 1154.
- ii) All weather road B 25/3
- iii) Seasonal swamp.
- iv) Ombeyi river.
- g. Citing evidence from the map ,explain three social factions of Ksumu town . (6mks)
7. a) i) What is folding ? (2mks)
- ii) State three factors that influence folding . (3mks)
- b) i) Apart from over thrust fold ,name four other types of folds. (4mks)
- ii) With the aid of well labelled diagrams ,describe the formation of an over thrust fold. (8mks)
- c) Explain four significance of fold maintains to human activities. (8mks)

8. The map below shows some vegetation regions of the world.

Use it to answer questions (a) to (c)



- a.) Name the temperate grass lands marked H ,J and K. (3mks)
 - b.) Describe the characteristics of the natural vegetation found in the shaded area marked N. (5mks)
 - c.) Explain four ways in which the vegetation found in the area marked M adapts to the environment conditions of the region. (8mks)
 - d.) You are required to carry out a field study of the vegetation which the local environment.
 - i.) Apart from identifying the different types of plants, state four other activities you will carry out during the field study. (4mks)
 - ii.) How will you identify the different types of plants. (2mks)
 - iii.) Give three reasons for visiting the area before study. (3mks)
- 9.
- a.)
 - i.) Differentiate between a waterfall and a gorge. (2mks)
 - ii.) State two factors that influence the rate of erosion by a river in its upper course. (2mks)
 - b.)
 - i.) Describe the processes by which a river transport its load. (6mks)
 - ii.) Name three river depositional features. (3mks)

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