



CENTRE REGIONAL MOCK EXAMINATION IN PARTNERSHIP WITH CASPA	SUBJECT CODE NUMBER 550	PAPER NUMBER 2
	SUBJECT TITLE GEOGRAPHY	
CANDIDATE NAME:		
CANDIDATE NUMBER:		
CENTRE NUMBER:		
ORDINARY LEVEL	DATE: Thursday, 23 March 2023	

Two and a half hours (2½ hrs)

-Answer FOUR Questions choosing ONE from each section.

-Question ONE carries 30 marks. All the other Questions carry 20 marks each.

-In questions involving calculations, all steps of the working MUST be shown.

-If an outline MAP and/or GRAPH paper are used, they must be tied inside your answer booklet, opposite the written part of the answer.

-NB ONLY THE FIRST FOUR QUESTIONS ANSWERED WILL BE MARKED.

You are reminded of the necessity for good English and orderly presentation in your answers.

SECTION A: MAP WORK

1. Study the ordnance survey map extract of **Ullapool (1:50,000)** and answer the questions that follow.
- (a) Identify and name the features found at the following grid references;
(i) 136935 (ii) 184854 (iii) 122940 (iv) 127942 (4 marks)
- (b) Draw the map extract to half the scale and insert and name the following:
(i) Loch broom
(ii) The ferry for passengers
(iii) Road A835
(iv) Ullapool settlement
(v) The Triangulation pillar in grid square 1692 (10 marks)
- (c) (i) State the **bearing** and **direction** of the triangulation pillar in grid square 1692 from the information centre in grid square 1393. (4 marks)
(ii) If a man were to move on a straight path from the northern end (Northern 95) to the southern end (Northern 84) of this geographical region, what distance would he cover? (3 marks)
- (d) Comment on:
(i) The relief of the map extract.
(ii) The nature of drainage on the whole map. (4 marks)
- (e) From map evidence only, state **five** ways by which man exploits the features of the land for his development. (5 marks)

SECTION B: PHYSICAL GEOGRAPHY

2. (a) Study fig. 1, which is a cross section through a tectonic feature and answer the questions that follow.

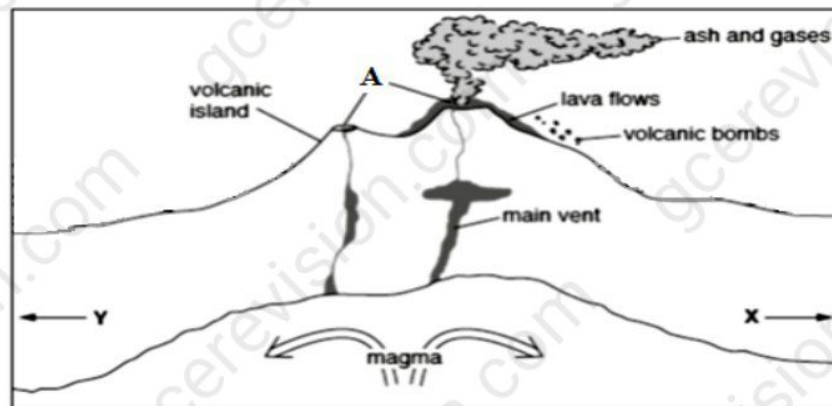


Fig. 1

- (i) Which tectonic process is represented by the figure and in which type of plate boundary does it occur?
- (ii) What is the name of the circular depressions labelled A?
- (iii) Using fig. 1, identify **two** different hazards experienced in such an area.
- (iv) Another major tectonic process that is closely related to that in fig. 1 above is earthquake. It has devastating effects on man and his environment. What **three** ways can be used by man to stay safely in such area? (8 marks)
- (b) (i) The following are organisms that may exist in an ecosystem: **Grass, rabbit, bacteria, tiger, caterpillar, tree, fungi, and leopard**. Use these organisms to answer the questions that follow.

Classify the above organisms under the headings: autotrophs (producers), herbivores, carnivores, omnivores and detritivores (Decomposers). Copy and complete the table below in your answer booklet.

(4 marks)

Autotrophs	Herbivores	Carnivores	Decomposers

(ii) State **two** threats to biodiversity common in our ecosystems.

(2 marks)

(c) Some environmental problems affecting man today include: **Floods, Soil erosion** and **Drought**.

(i) Define each of the environmental problems.

(ii) Choose **one** of the problems and bring out three ways of reducing its consequences. (6 marks)

3. (a) State one difference between each of the following:

- (i) Local time and standard time
- (ii) Evaporation and transpiration
- (iii) Tropical climate and equatorial climate
- (iv) Longitudes and Latitudes.

(4 marks)

(b) Study the table below which shows mean January and July temperatures and the mean annual rainfall of four towns.

TOWNS	January Temp. °C	JulyTemp. °C	Rainfall mm
A	28.5	22.0	1450
B	21.0	28.0	843
C	21.1	21.0	1395
D	21.5	26.0	885

In your answer booklet state:

- (i) the town with the least rainfall;
- (ii) the town with the lowest temperature range;
- (iii) the town with the highest summer temperature.
- (iv) **three** possible reasons why temperature varies from place to place as in the four towns in the month of July.

(6 marks)

(c) The following are processes and landforms: traction, ox-bow Lake, rock pedestal, abrasion, waterfall, suspension, tombolo, cirque, hydraulic action, attrition, barchan, long shore drift.

(i) Copy and complete the table below in your answer booklet.

(6 marks)

Erosional process	Erosional landform	Transportational process	Depositional landform

(ii) Select any **one** landform listed above and with the aid of a well labeled diagram, explain how it is formed.

(4 marks)

SECTION C: HUMAN GEOGRAPHY

4. (a) On the outline world map provided, locate and name
- One area of high population concentration and one area of low population concentration
 - An area of industrial concentration
 - One major oil producing area
 - An area of extensive mechanised farming.
- (5 marks)
- (b) (i) Give **two** advantages of agriculture to our economy and **two** disadvantages of agriculture to our environment. (4 marks)
- (ii) Outline **two** benefits of each of the following projects to the economy of LICs:
- Multi-purpose river development project
 - Afforestation
- (4 marks)
- (c) Describe **FOUR** strategies used by governments of NICs in developing their industries. (4 marks)
- (d) Suppose you are a trader importing cars from Japan to Nigeria. Which **mode** of transport would you use and what are your reasons? (3 marks)
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5. (a) Define the following terms as used in Human Geography:
- (i) Human Development Index
 - (ii) Trade bloc
 - (iii) Population density
- (6 marks)
- (b) Describe **three** problems caused by the rapid growth of cities in the world today and state **three** measures to solve the problems (6 marks)
- (c) State **three** advantages of HEP over fossil sources of energy. (3 marks)
- (d) Kenya and Tanzania are endowed with rich touristic wealth which has favoured the advancement of their tourist industry.
- (i) State **three** benefits derived by the governments of these countries from this sector.
 - (ii) Outline **two** challenges faced by tourists visiting these countries.
- (5 marks)
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SECTION D: GEOGRAPHY OF CAMEROON

6. (a) (i) On the outline map of Cameroon provided, locate and name the following:
- The towns of Garoua and Bafoussam
 - Mount Cameroon
 - River Sanaga
 - The tropical rainforest vegetation
- (5 marks)
- (iii) Name **two** major soil types found in Cameroon and outline **three** characteristics of any **one** of them (5 marks)
- (b) Pastoral nomadism is a very significant economic activity carried out in Northern Cameroon, especially by the fulanis who have long history of cattle rearing. However, this activity is plagued by a number of physical and human factors. State **four** problems faced by the livestock sector in this part of the country. (4 marks)
- (c) State any **three** reasons that account for the low population density in the Eastern part of the

marks)

- (d) What are the likely economic benefits of the recent developments in the mining sector in Cameroon?
(3 marks)

7. (a) i) On the outline map of Cameroon provided, locate and name:

- Any one watershed
- A maritime fishing ground
- Any one forest reserve
- One tourist attraction in the northern part of Cameroon
- The Guinea climatic zone.

(5 marks)

ii) Explain **two** challenges facing EITHER forest OR fish resources in Cameroon and the efforts made by the government to sustainably manage them.

(4 marks)

(b) Why would most industrialists prefer to locate their industries in the Coastal lowlands rather than the Western highlands of Cameroon?

(5 marks)

(c) Why are Cameroon's exports dominated by primary products?

(3

marks)

(d) Suggest **three** ways by which the government can improve on the transport sector as a means to promote development.

(3

marks)

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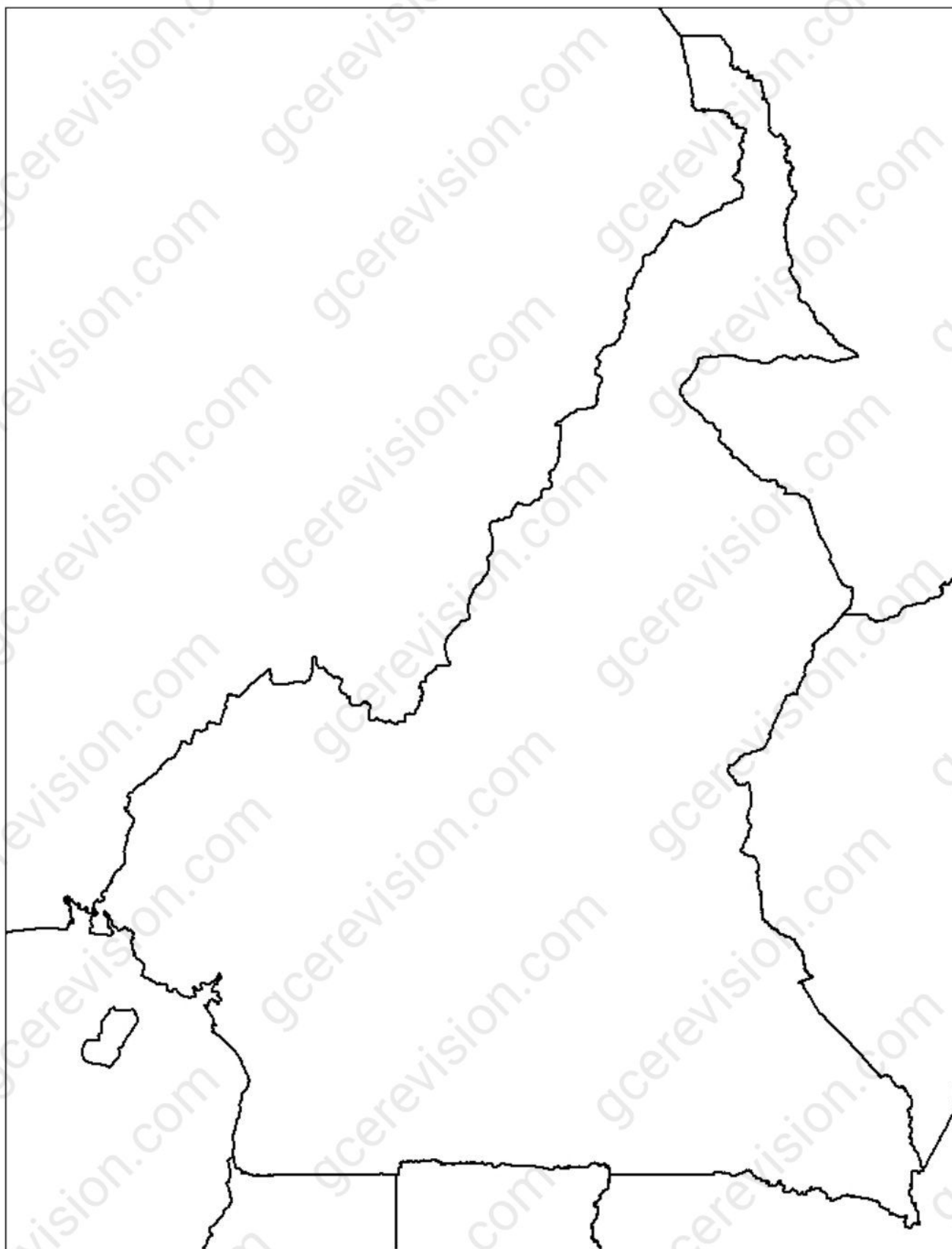


World Outline Map

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Question Number.....



Cameroon Outline Map

