

**SOUTH WEST REGIONAL MOCK EXAMINATION**

**THE TEACHERS' RESOURCE UNIT (TRU) IN COLLABORATION WITH THE SUBJECT  
TEACHERS' ASSOCIATION (STA)**

**31<sup>ST</sup> MARCH 2022**

**ADVANCED LEVEL**

<b>SUBJECT TITLE</b>	<b>GEOGRAPHY</b>
<b>PAPER NUMBER</b>	<b>3</b>
<b>SUBJECT CODE NUMBER</b>	<b>750</b>

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**Time allowed : Three hours fifteen minutes [3<sup>1</sup>/<sub>4</sub>] hours.**

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**INSTRUCTIONS TO CANDIDATES**

Answer **FOUR** questions. Question **ONE** in Section A is compulsory, then choose **ONE** question in Section B and **TWO** questions in Section C.

Question one carries **31 marks**, while the rest carry **23 marks**. For your guidance, the mark allocation for each part of a question is indicated in brackets.

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

In calculation, you are advised to show all the steps in your working, giving your answer at each stage.

**Non-programmable calculators are allowed.**

1. Study map extract of Mount Kupe and Environ and answer question one.

a) i. With the aid of a sketch, describe the relief of the map extract. (5mks)

ii) Using map evidence, state the orientation of the relief. (2mks)

iii) Describe the hydrography of the map extract. (3mks)

iv) Using map evidence, state the orientation of the streams. (2mks)

b) i. identify and locate the vegetation types found in the map extract (1mk)

ii) Describe the distribution of the vegetation types and state some characteristics (4mks)

C Describe the transport network development in the area of the map extract.

(2mks)

ii) using Loum, Tombel, Manjo, Penja and Dibombe as nodes, draw a topological diagram for the network. (3mks)

iii) Calculate the Beta index for the network using the formula  $B = e/v$ . (2mks)

d) i. Using map evidence, locate and describe two rural settlement patterns exhibited in the map extract. (4mks)

ii) Using map evidence, locate and account for the development of plantation agriculture in the area of the map extract (3mks)

(31mks)

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### SECTION B: FIELD WORK AND TECHNIQUES

2. Based on an investigative field work you have carried out on either Physical or Human Geography. Choose one of the following topics.

- Soil characteristics
- Gully erosion
- Stream velocity
- Urban land use
- Agricultural land use
- Traffic flow

- a) Using a sketch map, locate and describe the area where the field work was carried out (5mks)
- b) State the objective and hypothesis of the field work (2mks)
- c) List the tools required for the field work and state the use of the tools (3mks)
- d) Describe how the tools were used in the field work to collect data (3mks)
- e) ii) How was the data processed (3mks)
- f) i) What conclusion was arrived at in terms of the objective and hypothesis (2mks)
- ii) State two challenges that were encountered in the course of the field work. (2mks)
- (23mks)

3) Study the table below showing attitude and temperature data for some stations and answer question 3

Station	Attitude In (M)	Temperature °C	Rank Altitude	Rank T.C	Rank Difference (d)	Rank Difference (D)
1	1770	17			-9	
2	560	24				9
3	793	23			1	1
4	550	25			5	
5	1177	21				16
6	450	26			7	49
7	2700	14			-11	
8	300	28				81
9	255	29			11	121
10	905	22	6		-1	
11	1509	19	3	9		36
12	1120	18			5	

Source: Adapted from Nchangvi p 62.

$\Sigma d^2 =$

- a)i. Calculate the mean altitude for the station above (2mks)
- ii) Calculate the mean temperature for the stations above (2mks)
- b)i) Complete the blank spaces in the table above. (8mks)
- ii) Calculate the spearman's correction

Coefficient (Rs) using the formula:  $R_s = \frac{6 \Sigma d^2}{n^3 - n}$

(3mks)



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iii) State and explain the relationship between altitude, and temperature.

(4mks)

c)i. Apart from altitude, state two factors that influence temperature

(2mks)

ii) Account for the anomalies observed in stations 5, and 12.

(2mks)

(23mks)

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**SECTION C: CAMEROON**

**4)a) Locate and describe the climate characteristics of**

i) The coastal lowland and

ii) The Adamawa plateau

(8mks)

b) Examine the extent to which climatic conditions in the Southern part of Cameroon have influenced agricultural development.

(10mks)

c) Identify and describe the distribution of mineral resources in the Northern part of Cameroon

(5mks)

(23mks)

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5)(a) Identify, locate and describe the vegetation types in Cameroon.

(7mks)

b) To what extent have the vegetation types influenced the types and distribution of manufacturing industries in Cameroon.

(10mks)

c) Account for the low, numbers of international tourist visiting Cameroon.

(6mks)

6)(a) Identify and describe the relief and soil characteristics of the South Cameroon low plateau.

(8mks)

b) For any tow named areas of dense population, account for their high population density.

(8mks)

c) Advance four reasons for the rapid rate of urbanization in the southern part of Cameroon.

(7mks)

(23mks)

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7)(a) Identify and describe the water resources in Cameroon.

(7mks)

b) Compare and account for the differences in road network development between the West Region and the Adamawa region.

(9mks)

c) Examine three strategies adopted by government to narrow the development gap between the rural and urban areas in Cameroon.

(7mks)

(23mks)

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