MWALIMU EXAMINATIONS BUREAU

UCE RESOURCE MOCK EXAMINATIONS – 2023

GEOGRAPHY

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

Attempt **four** *questions.*

Choose **two** *questions from Part* **I** *and* **two** *from Part* **II**

In Part **II***, only* **one** *question should be chosen from any one region.*

Any extra questions **shall not** *be assessed.*
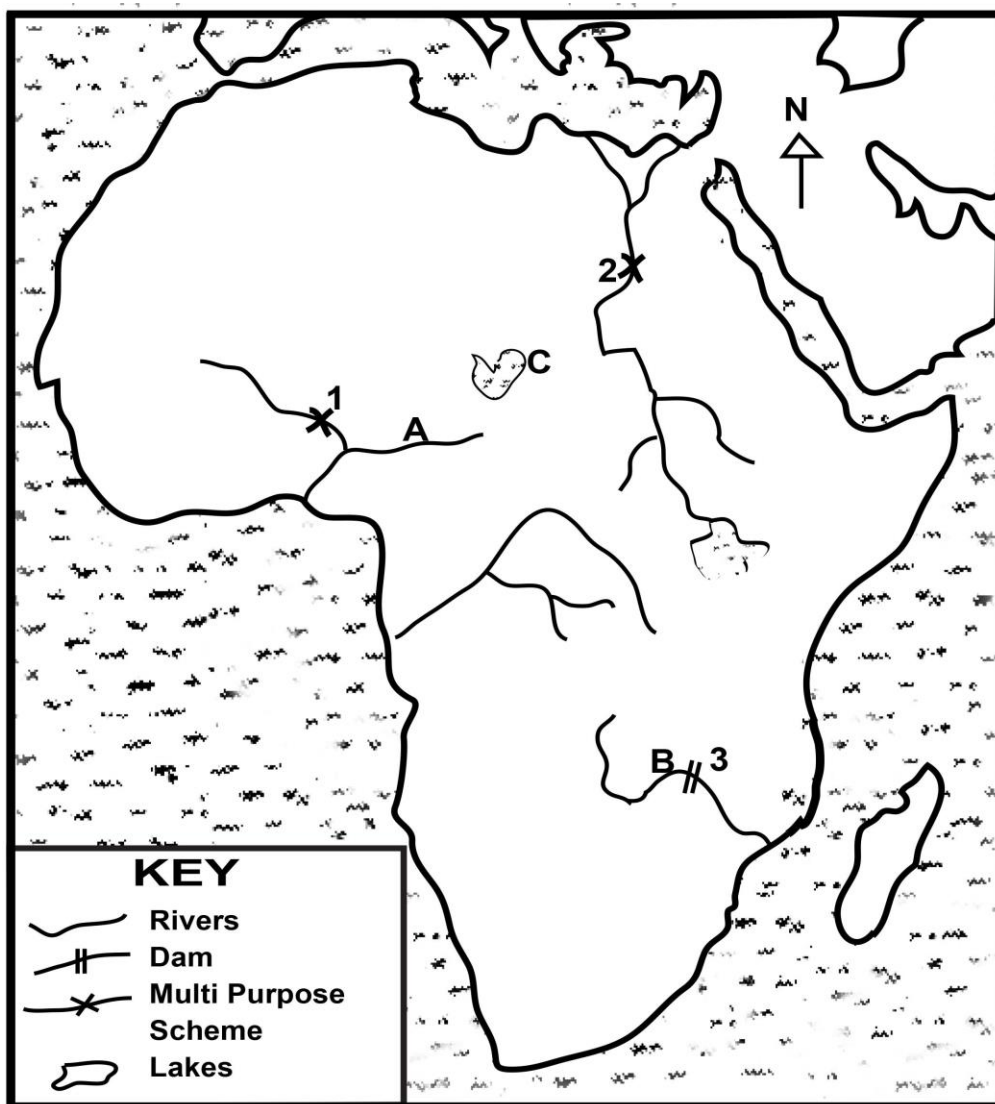
PART I

REST OF AFRICA

*Answer **two** questions from this **Part**.*

1.   Study Table I below showing the climatic statistics of Yaoundé station and answer the questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp ^{0}C	24	24	24	24	25	25	25	25	24	24	24	25
Rainfall (mm)	80	120	150	260	200	160	150	180	155	125	110	75

(a)   Draw a suitable graph to show the climate of Yaoundé.   *(09 marks)*

(b)   Calculate the:
  (i)   annual temperature range,
  (ii)   mean annual rainfall.   *(04 marks)*

(c)   Describe the characteristics of the climate in the table.   *(04 marks)*

(d)   (i)   Giving evidence, identify any four economic activities that could be carried out under such climate.   *(04 marks)*
  (ii)   Outline the problems faced by people carrying out economic activities named in *d (i)* above.   *(04 marks)*

2.   (a)   Draw a sketch map of Africa and on it, mark and name:
  (i)   Highlands: Tibesti and Atlas.

  (ii)   Two cold ocean currents.

  (iii)   Two warm ocean currents.

  (iv)   River Niger.   *(08 marks)*

(b)   Describe the processes that were responsible for the formation of any **one** highland named in *a (i)* above.   *(05 marks)*

(c)   Explain the benefits of highlands to African countries.   *(06 marks)*

(d)   Outline the:
  (i)   Problems faced by people living in highland areas of Africa.
          (03 marks)

  (ii)   Steps being taken to solve the problems in *d (i)* above.   *(03 marks)*

3.   Study Figure I: Map of Africa provided below and answer the questions that follow.

(a) Name:

   (i) Rivers *A* and *B*.

   (ii) Multipurpose schemes *1* and *2*

   (iii) Lake *C*

   (iv) Dam *3*   *(06 marks)*

(b) Describe the factors that led to the establishment of any **one** multipurpose scheme named in *a (ii)* above.   *(05 marks)*

(c) Explain the contribution of the multipurpose scheme chosen in *(b)* above to the people living in the area.   *(06 marks)*

(d) Outline the:
   (i) Problems that have resulted from the establishment of multipurpose schemes in Africa.   *(04 marks)*

   (ii) Steps being taken to solve the problems outlined in *d (i)* above.

                                                                   (04 marks)

4.   (a) Draw a sketch map of the Republic of South Africa and on it, mark and label:
         (i) Rivers: Vaal and Orange,
         (ii) Neighbouring countries: Botswana and Mozambique,
         (iii) Industrial towns: Kimberley, Cape Town and East London.   *(08 marks)*
    (b)   (i) Mention any two types of industries found in any one industrial town labelled
         (a) (iii) above.   *(02 marks)*
         (ii) Describe factors which have led to the development of industries in the
          Republic of South Africa.   *(06 marks)*
    (c) Outline the benefits of industrialisation to the people of Republic of South Africa.
                                                                        (03 marks)

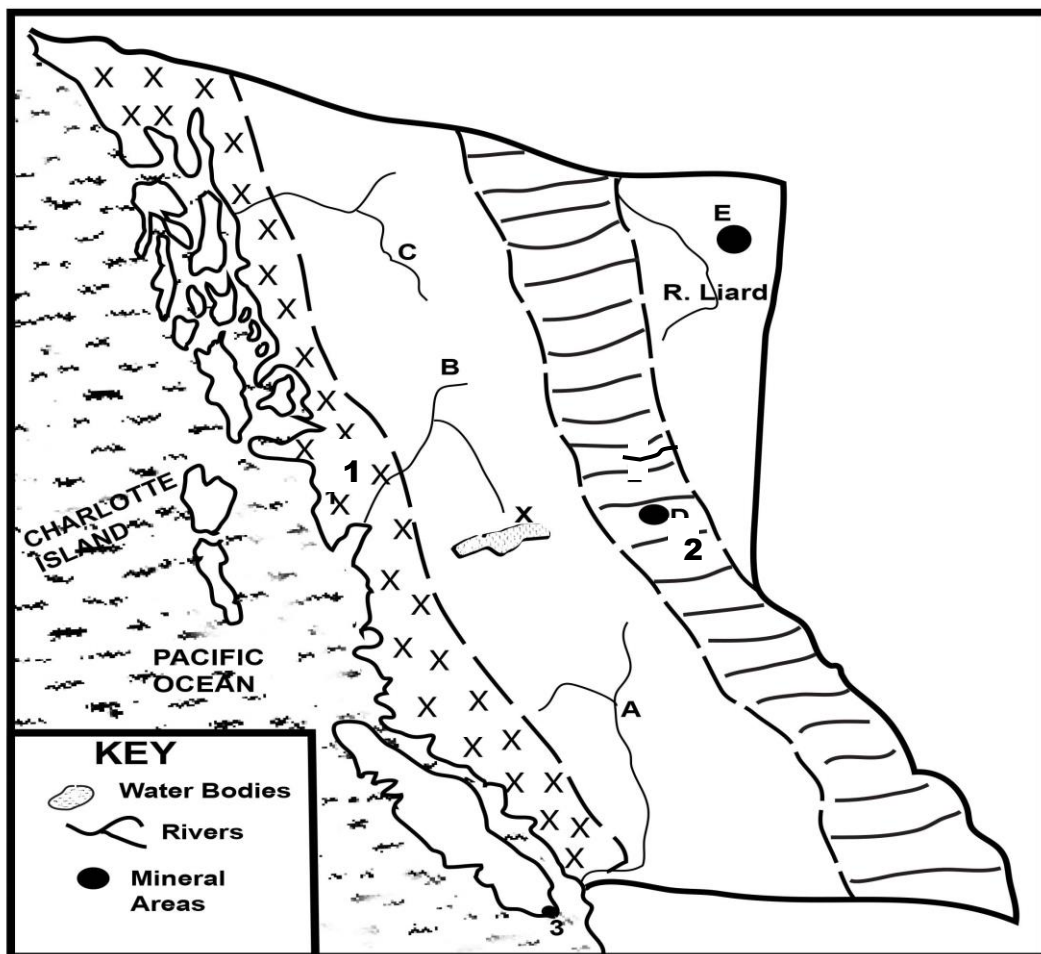   (d) Explain the effects of industrial development on the environment in the Republic of
    South Africa.   *(06 marks)*

PART II: STUDIES IN DEVELOPMENT

Answer **two** *questions from this* **Part**

REGION I: NORTH AMERICA

5.   Study Figure II: Map of British Columbia provided and answer the questions that
    follow.
    Fig. II

(a) Name the:
  (i) Relief divisions *1* and *2*

  (ii) Rivers *A*, *B* and *C*

  (iii) Lake *X*

  (iv) Town *3*

  (v) Mineral centres *D* and *E*   *(09 marks)*

(b) Explain the factors that have favoured development of the mining sector in British Columbia.   *(06 marks)*

(c) (i) Outline the problems faced by the mining sector in British Columbia.
                     (03 marks)

  (ii) Suggested possible solutions to the problems outlined in *c (i)* above.
                     (03 marks)

(d) Explain the benefits of the mining sector to British Columbia.   *(04 marks)*

6. (a) Draw a sketch map of New York city and on it mark and name the following:

  (i) Islands: *Staten*, *Long* and Manhattan

  (ii) Rivers: *East* and *Hudson*

  (iii) Atlantic ocean   (07 marks)

(b) Describe the factors responsible for the growth and development of New York City.   *(06 marks)*

(c) Explain the functions of New York City to USA.   *(06 marks)*

(d) Outline the problems resulting from rapid industrialisation in New York City.
                     (06 marks)

7.

Study Table II showing landuse in Canada (2009) and answer the questions that follow:

Table II: Land use in Canada (2009).

Total Land Area	Forest	Permanent cropland	Arable land	Others
9,093,500 km²	34.1%	0.7%	5.0%	60.2%

Adapted: 2011 World Development Indicators, World Bank, Washington D.C. Pp130.
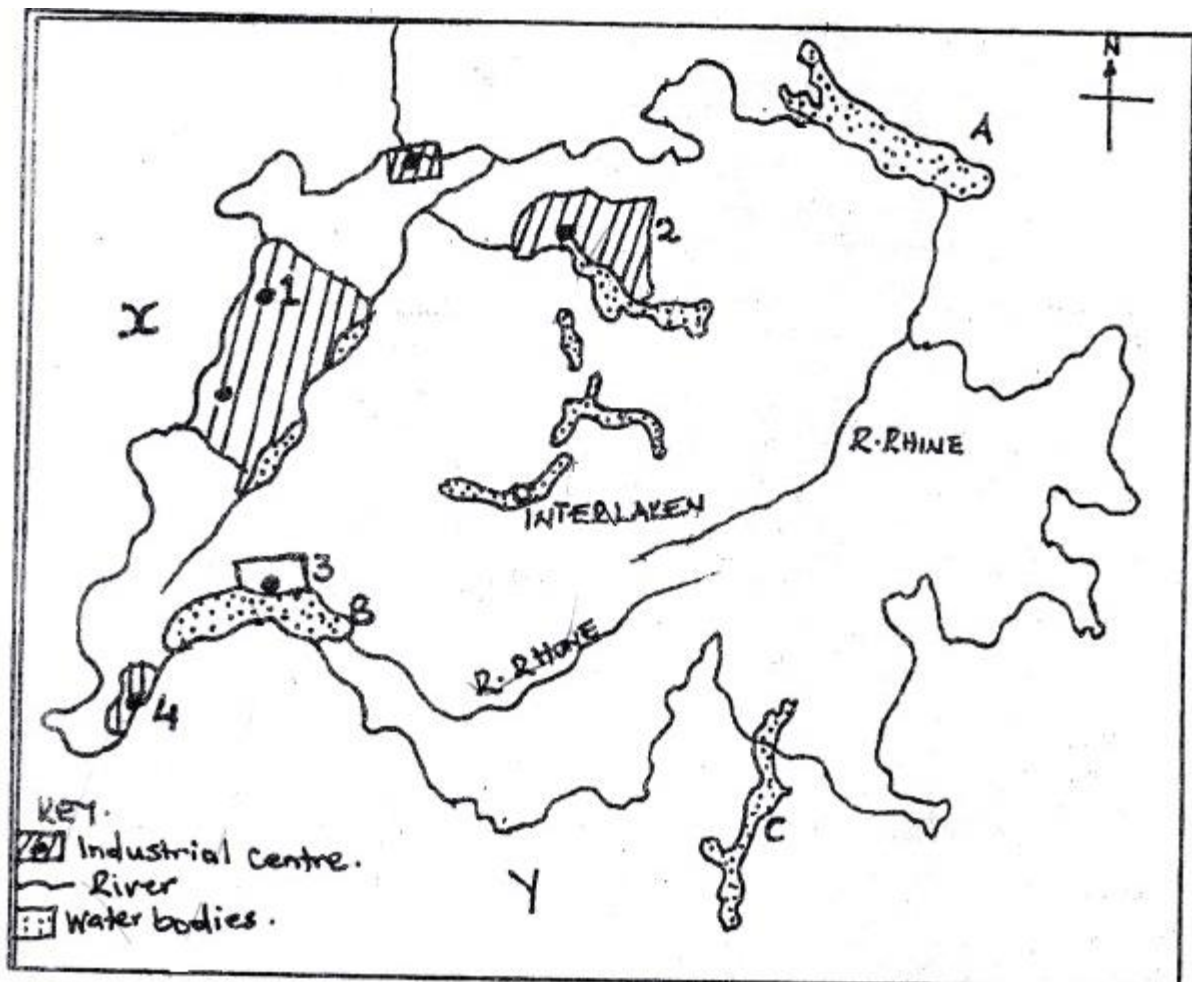
(a) Draw a pie-chart to represent the information given in the table.
                     (08 marks)

(b) Calculate the total area in Canada under:
     (i)   forests,   (02 marks)
     (ii) arable land.   (02 marks)

(c) (i)   Name any one province in Canada where forests are the
           dominant type of landuse.   (01 mark)
     (ii) Describe the characteristics of the forests found in the province
           named in (c) (i) above.   (06 marks)

(d) Explain the contribution of the forestry industry to Canada.
                                                                       (06 marks)

REGION II: RHINELANDS

8. Study Figure III, which shows the map of Switzerland and answer questions that follow:

Fig. III

(a) Name the;

     (i)   Industrial centres marked **1, 2, 3** and **4**

     (ii) Countries mark; **X** and **Y;**

       (iii)   Water bodies marked; **A, B** and **C**   (9 marks)

(b)   Identify the types of industries found in Swiss industrial centres.   (5 marks)

(c)   Describe the conditions that have favoured the development of the Watch making

      industry in Switzerland   (6 marks)

(d)   Explain the measures being taken to improve the industrial sector in Switzerland.

                                (5 marks)

9. (a)   Draw a sketch map of the Rhine rift valley and on it mark and name the
         (i)   Rivers: **Rhine** and **Neckar**,
         (ii)   The Rhine rift valley,
         (iii)   The Rhine gorge,
         (iv)   Towns: Ludwigshafen and Frankfurt,
         (v)   Vine growing areas.   (8 marks)

  (b)   Describe the process responsible for the formation of the Rhine rift valley
                                 (6 marks)

  (c)   Explain the conditions that have favoured vine growing in the Rhine rift valley.
                                 (6 marks)

  (d)   Outline the problems faced by the vine growers in the Rhine valley (5 marks)

10.   Study Table III showing the average cereal production from Belgium (1968-96) and
       answer the questions that follows:

Table III: Average cereal production for Belgium (1986-96)

Year	Average production (metric tons)
1986-88	2,211,000
1988-90	2,313,000
1990-92	2,213,000
1992-94	2,260,000
1994-96	2,468,000

(Adapted: World Resources Series, (1990-1999). A guide to the Global Environment, Oxford,

UNDP and The World Bank).

  (a)   Draw a line graph to show the information given in the table.   (7 marks)

  (b)   Describe the trend of cereal production in Belgium between 1986 and 1996.

                                 (3 marks)

  (c)   Explain the conditions which have favoured cereal production in Belgium.

                                 (8 marks)

  (d)   Outline the benefits of cereal production to the people in Belgium. (7 marks)
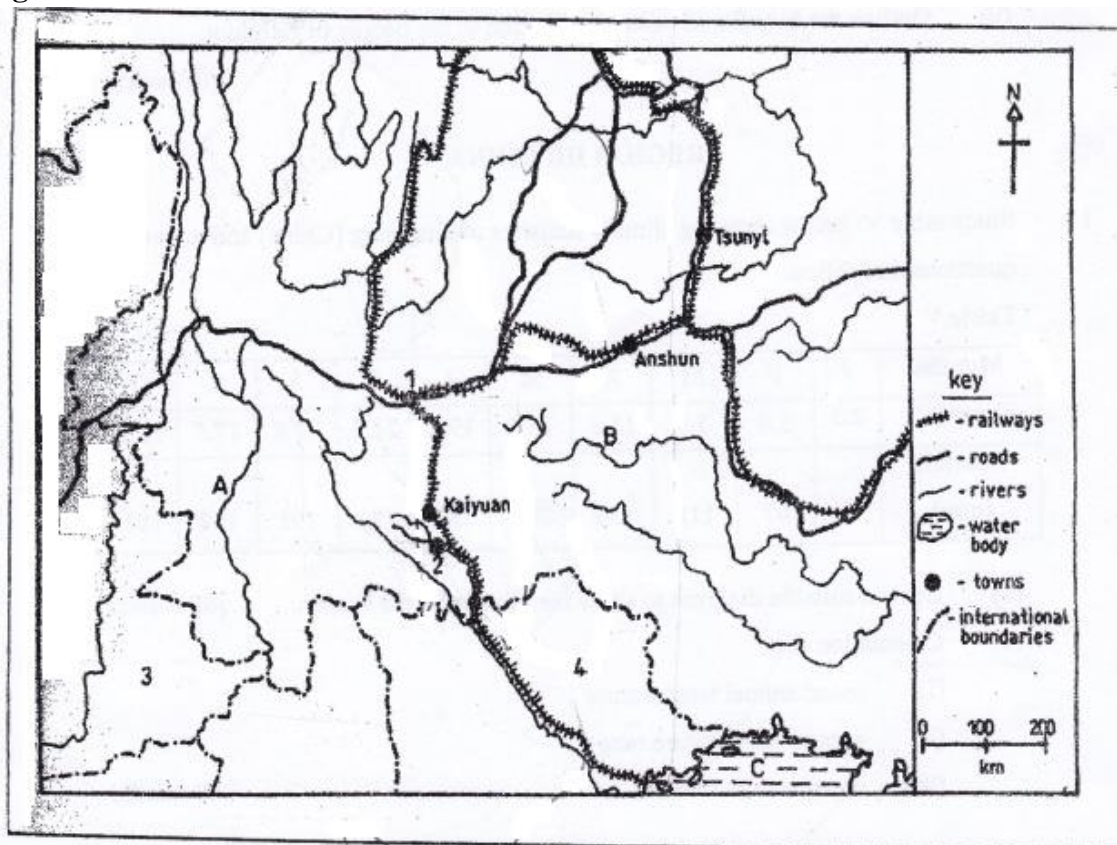
REGION III: CHINA

11. Study Table IV below showing climate statistics of Kunming (China) and answer the questions that follow:

Table IV

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp (C^0)	2.3	3.6	7.3	11.3	15.5	19.4	21.3	20.8	17.5	12.3	7.1	11.5
Rainfall (mm)	57	67	118	159	203	186	181	191	158	181	130	150

a) Draw a suitable diagram to show the climate of the station   (9 marks)

b) Calculation the:
   - (i)   mean annual temperature
   - (ii)   annual temperature range
   - (iii)   mean annual rainfall   (3 marks)

c) (i) Describe the characteristics of the climate of Kunming   (5 marks)

   (ii) Explain how climate has influenced agricultural activities in Kunming (5 marks)

d) Outline the problems facing farmers in Kunming   (3 marks)

12. Study Figure IV: map of Yunnan – Kweichow region of China and answer questions that follow:

Fig. IV

a) Name the:

(i) Rivers marked A and B,

(ii) Water body marked C,

(iii) Towns marked 1 and 2,

(iv) Countries marked 3 and 4. (7 marks)

b) Name any two;

(i) minerals mined in the Yunnan region,

(ii) sources of energy used in the industries in the Yunnan region. (4 marks)

c) Describe the factors which have limited the development of the mining sector in the Yunnan region of China. (8 marks

d) Explain the measures being taken by China to develop the Yunnan region. (6 marks)

13. (a) Draw a sketch map of the Si-Kiang river basin and on it, mark and named the;

(i) Rivers Si-Kiang and Tung Kiang,

(ii) Hong-Kong islands,

(iii) Gulf of Tong King,

(iv) Towns: Chan Kiang, Canton and Litang (7 marks)

(b) (i) Mention any two types of farming carried out in the Si-Kang River Basin

(2 marks)

(ii) Describe the conditions that have favoured the development of agriculture in the Si-Kiang river Basin. (6 marks)

(c) Explain the effects of agricultural activities on the environment in the Si-Kiang river basin (5 marks)

(d) Outline the measures being taken to improve the agricultural sector in the Si-Kiang river basin (5 marks)

END