JINJA JOINT EXAMINATIONS BOARD

*Uganda Certificate of Education*

MOCK EXAMINATIONS – AUGUST, 2022

GEOGRAPHY

Paper 2

2 hours 30 minutes

**INSTRUCTIONS TO CANDIDATES:**

*Answer* **four** *questions in all.*

*Choose* **two** *questions from part* **I** *and* **two** *from part* **II**.

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

*Additional question(s) answered will not be marked.*

*Turn Over*

# PART I: THE REST OF AFRICA
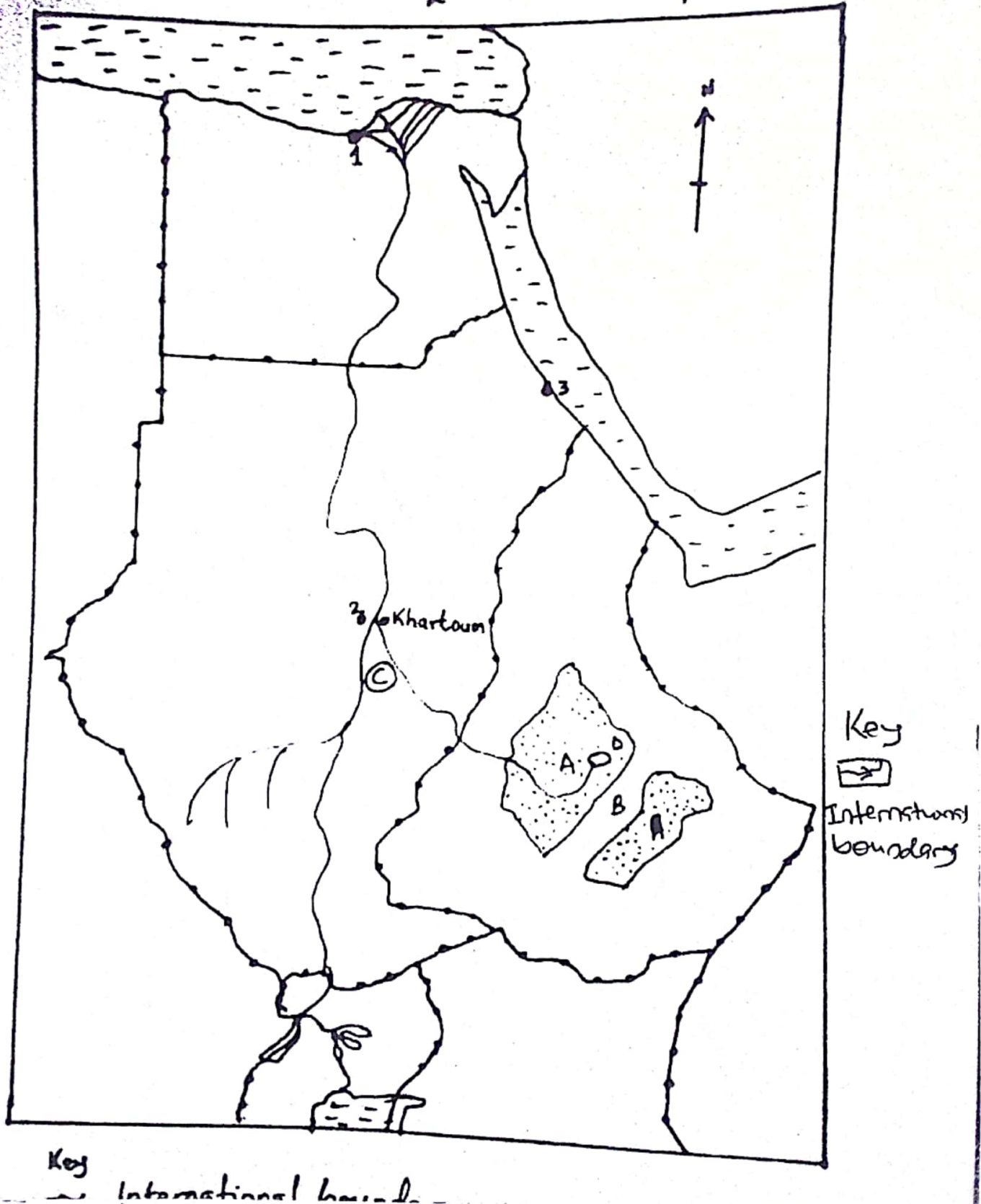## Answer *two* questions in this part.

1 (a) Draw a sketch map of Africa and on it, mark and label:
   (i)     Latitudes: Capricorn, Equator and Cancer,
   (ii)    Natural vegetation type: Montane, Mangrove and Savanna. (07 marks).
(b) Describe the characteristics of any one of the natural vegetation types given in (a)(ii) above. (06 marks)
c) Explain the conditions which have led to the growth of the vegetation type chosen in (b) above. (08 marks)
(d) Outline the effects resulting from the destruction of natural vegetation cover in Africa. (04 marks)

2. Study table I below showing the number of people employed in the fishing sector for the selected countries in Africa (2017) and answer the questions that follow:

Table I: Number of people working in the fishing sector (2017)

| Country | No. of people employed in the fishing sector |
|---|---|
| South Africa | 1,472,621 |
| Nigeria | 1,296,170 |
| Gabon | 610,072 |
| Senegal | 99,558 |
| Morocco | 325,886 |

a) Draw a bar graph to represent the information contained in the table I above. (07 marks)
b) Identify the country which employed the:
   (i)    most dominant
   (ii)   least dominant,
        number of people in the fishing sector. (02 marks)
(c ) Describe giving specific examples, the conditions which have favoured the development of the fishing sector in any one country given in the table I above. (06 marks)
(d) (i) Explain the contribution of the fishing sector to the development of the country chosen in (a) above. (06 marks)
    (ii) Outline the steps being taken to promote the fishing sector in African countries. (04 marks)

Study figure I below carefully showing the river Nile basin and answer the questions that follow:



Key

→ International boundary

Name the:

    (i)     Towns marked 1,2 and 3

    (ii)     Land forms A and B

    (iii)     Irrigation scheme marked C.                           (07 marks)

    (iv)     Lake marked D.

(b) Describe:

    (i)     with specific examples, the factors which have favoured the development of the      (06 marks) irrigation scheme named in (a) (iii) above.

    (ii)     Any **one** method of irrigation used on the irrigation scheme named in (a)(iii) above.      (03 marks)

c) Explain the benefits of the irrigation scheme to the people living on the irrigation scheme      (06 marks) named at (a) (iii) above.

(d) Outline the problems resulting from the establishment of the irrigation schemes in Africa.      (04 marks).

4. study table II below showing Africa's population growth between 1980 and 2030 (projected) and answer the questions that follow:

**Table II: Africa's population growth (1980-2030 projected)**

| Year | Population size ('000) |
|------|------------------------|
| 1980 | 453,390 |
| 1990 | 616,411 |
| 2000 | 318,099 |
| 2010 | 1,133,508 |
| 2020 | 1,296,777 |
| 2030 | 1,524,645 (projected) |

(a)     Draw a line graph to show the information contained in the table above.      (08 marks).

(b)     (i) Describe the trend of Africa's population growth between 1980 and 2030 (projected).

    (ii)State the period in which Africa experienced the:

        - highest,

        - lowest

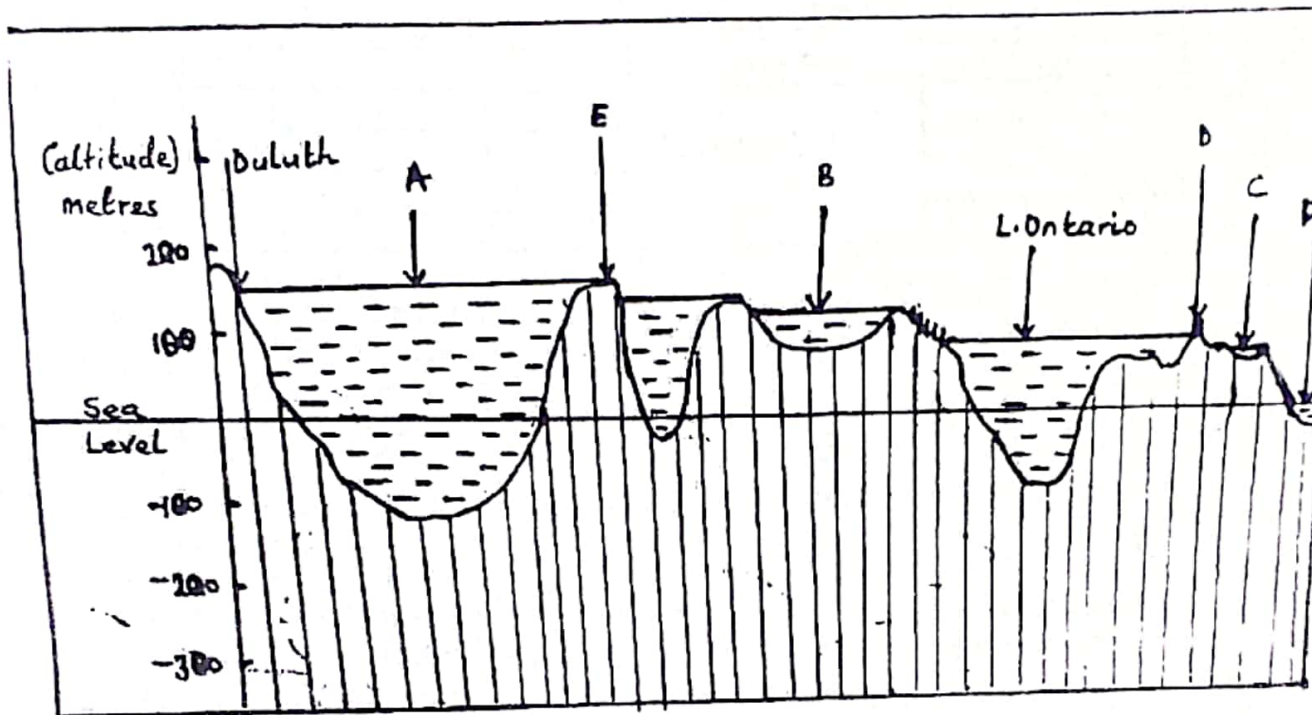    Percentage increase in population.                       (08 marks)

(c) Explain with specific examples the factors which have led to the high population growth rate in Africa.                    (06 marks)

**PART II: STUDIES IN DEVELOPMENT**
Answer **two** questions from this part.
**REGION I: NORTH AMERICA**

5. Study figure 2 below showing the cross section of the Great lakes and St. Lawrence Sea way, showing depth:



a)
(i)     Lakes A, B and C
(ii)    Features D and E
(iii)   Ocean F                                                      (06 marks).
b) Describe:
    (i) the aims of the construction of the Great lakes and the St. Lawrence Sea way.
    ii) the operation of any one of the navigational **locks** along the St. Lawrence Sea way.
                                                                     (10 marks).
c) Explain the contribution of the St. Lawrence Sea way project to the development of USA and Canada.                                            (06 marks)


d) Outline the environmental problems resulting from the establishment of the St. Lawrence Sea way project.                                       (03 marks).

6. Study the table III below showing cotton growing in selected states of southern USA and answer the questions that follow:

Table III: selected states of USA: cotton growing in selected states

| States | Production (%) | Cotton Belt | Degrees |
|---|---|---|---|
| California | 25 | | - |
| Texas | 30 | New cotton belt | 108 |
| Mississippi | 10 | | - |
| New Mexico and Arizona | 10 | Old cotton belt | - |
| Others | 25 | | - |

(a) (i) Calculate the missing values to complete the table above.
(ii) Name any one state with the least relative importance of cotton production in the old cotton Belt in Southern USA. (03 marks)
(b) Draw a pie chart to show the relative importance of cotton growing in selected states of Southern USA. (06 marks)
(c) Explain using specific examples, the factors which led to the decline in the Old cotton Belt in Southern USA. (08 marks)
(d) Outline:
(i) the effects of cotton growing on the environment in the Southern USA.
(ii) Measures that should be taken to solve the negative effects of cotton growing on the environment. (08 marks)

7. (a) Draw a sketch map of British Columbia and on it mark and name any two:
(i) rivers
(ii) interior timber collecting centres
(iii) coastal timber exporting ports
(iv) Pacific Ocean. (07 marks)
(b) (i) State any two tree species found in British Columbia.
(ii) Describe the characteristics of the forests found in British Columbia. (06 marks)
(c) Explain, using specific examples the physical factors that have led to the development of forestry industry in British Columbia. (08 marks)
(d) Outline the problems facing the forestry industry in British Columbia. (04 marks)

## REGION II: THE RHINELANDS

8. Draw a sketch map of the Rhine Basin and on it mark and name:
    a)(i) rivers:  Rhine, Neckar and Mosel,
       (ii)  countries Luxembourg and Germany.
       (iii) Ports: Rotterdam, Mannheim and Basel,                    ( 09 marks)
    b)Describe with specific examples the conditions which favoured the development of Rotterdam
                                                                      (06 marks).

    c)Explain the contribution of port Rotterdam to the development of the Rhine basin.
                                                                      (06 marks)

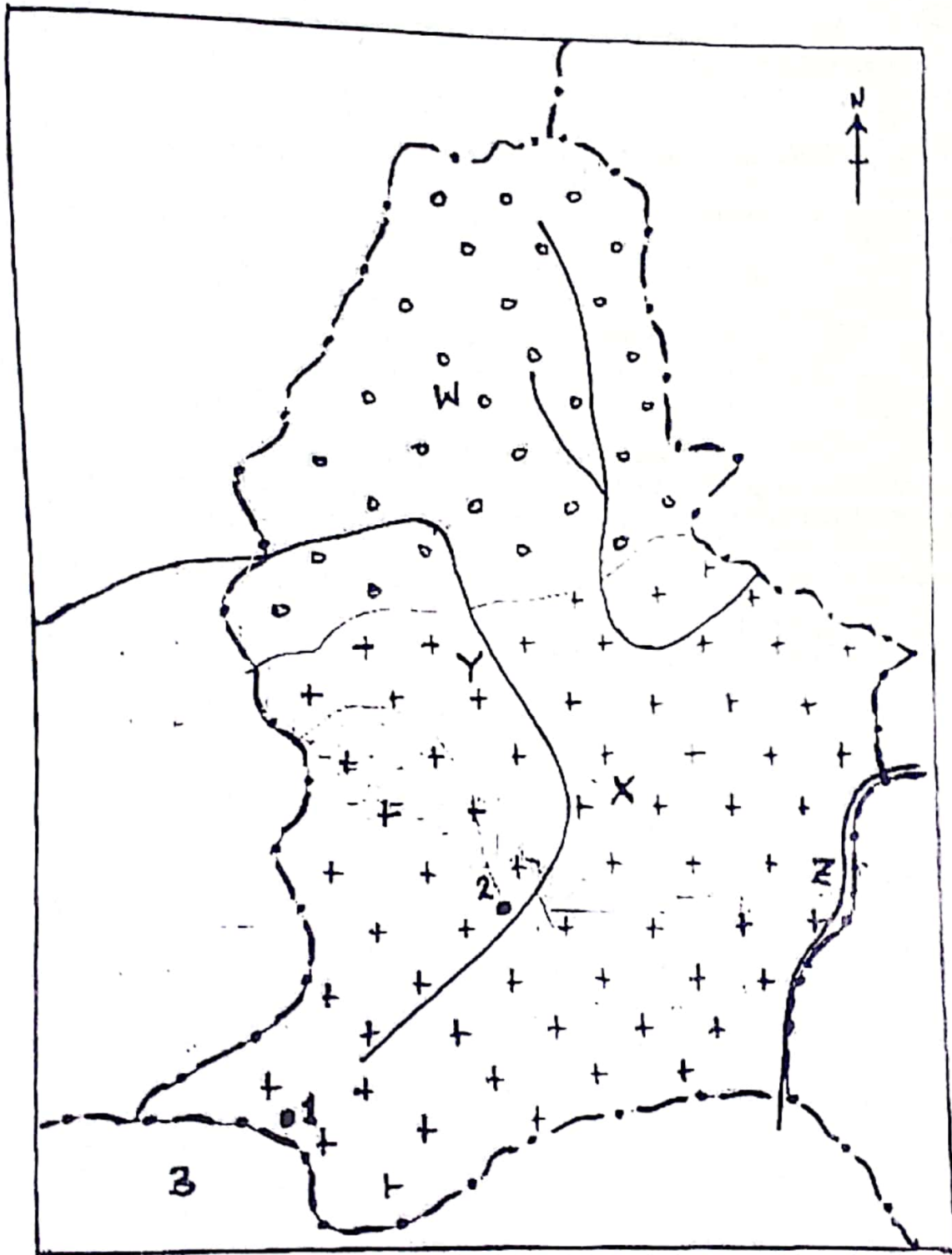    d)Outline the problems resulting from the establishment of port Rotterdam.    (04 marks)


9. Study Table IV : climate statistics of Lugano (Switzerland) and answer the questions that
   follow:

### Table IV : Climate statistics of Lugano, Switzerland at altitude(276m)

| Month | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp(°C) | -2.3 | 3.6 | 2.3 | 11.3 | 15.5 | 19.4 | 21.3 | 20.8 | 17.5 | 12.3 | 7.1 | 3.2 |
| Precipitation(mm) | 57 | 67 | 118 | 159 | 203 | 186 | 181 | 191 | 158 | 181 | 133 | 91 |

   a)Draw a suitable graph to show the climate of the station.                    (10 marks)

   b)Describe the characteristics of the climate of the station.                  (06 marks)

   c)Explain the influence of climate on the economic activities taking place in the area where the
      station is located.                                                         (06 marks)

   d)Outline the challenges faced by the people carrying out the economic activities in the area where
      the station is located.                                                     (03 marks)

10. Study figure III: Map of Luxemburg provided below and answer the questions that follow:
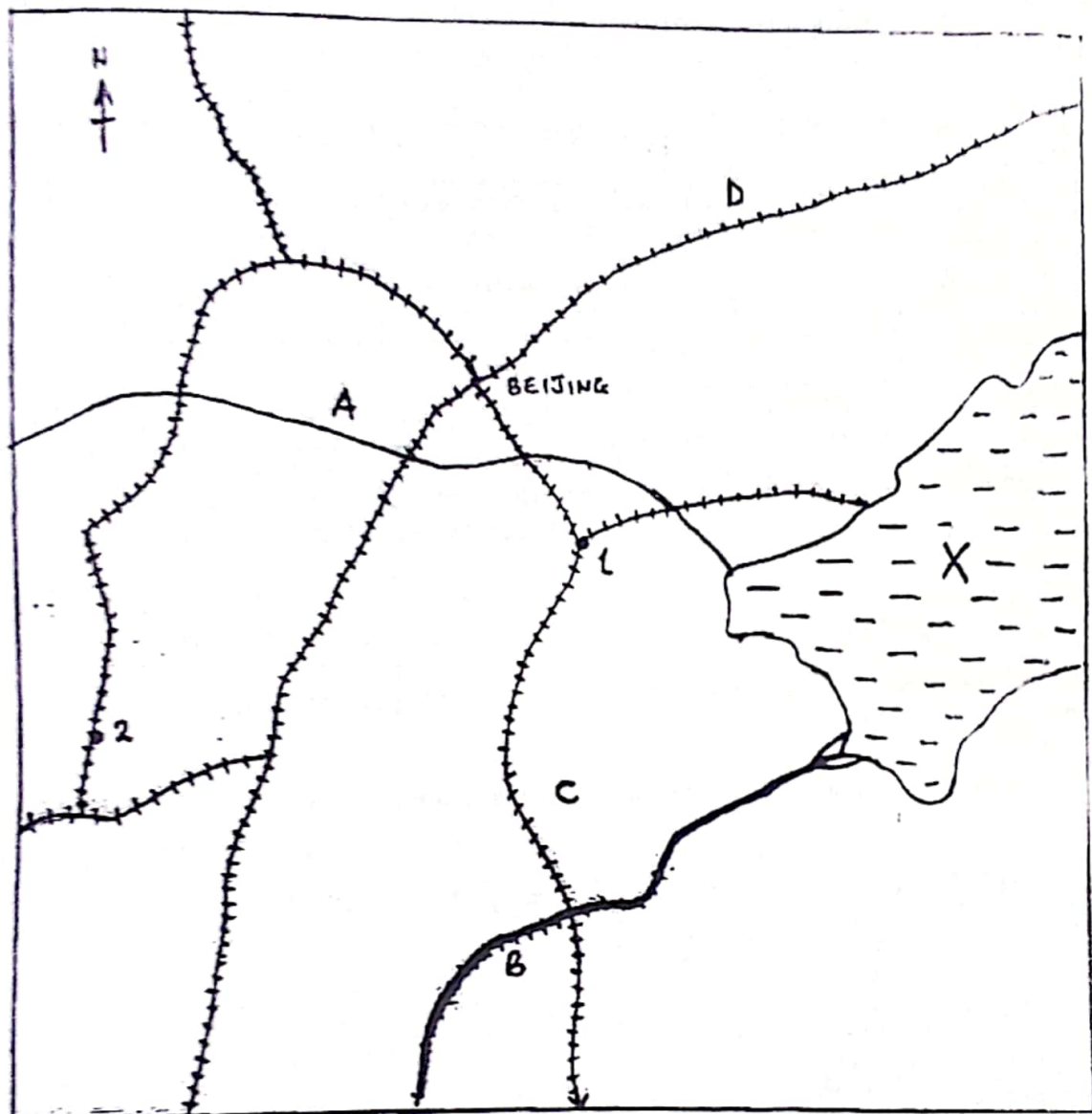


(a) Name the:
   (i) physiographic regions marked W and X;
   (ii) rivers marked Y and Z;

*Turnover*

(iii) industrial towns marked 1 and 2;

(iv) country marked 3 (07 marks)

(b)(i)  State any one type of industry found in each industrial town named in (a) (iii).

ii)  Describe with specific examples, the factors which have led to the development of industries in Luxembourg. (08 marks)

(c) Explain the importance of the industrial sector to the development of Luxembourg. (06 marks).

(d) Outline the effects of the industrial sector on the environment in Luxembourg. (04 marks)

## REGION III: CHINA

11. (a) Draw a sketch map of China and on it, mark and name the:

   (i)   rivers; Si-Kiang, Yangtze and Hwang-Ho,

   (ii)  Yellow sea

   (iii) Tai (09 marks)

   (iv) Towns: Beijing (Peking), Wunan and Shanghai (06 marks)

   (b)    Describe the steps being taken to develop the Si-Kiang River basin.

   (c)    Explain the contribution of the Si-kiang River basin to the development of China. (06 marks)

   (d)    Outline the effects of agriculture on the environment of in the Si-kiang River basin. (04 marks)

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Study figure IV: Map showing the location of Peking (Beijing) provided below and answer the questions that follow:



(a)  Name the:
   (i)  rivers marked A and B,
   (ii)  gulf marked X,
   (iii) towns marked 1 and 2,
   (iv) railway lines marked C and D.　(07 marks)

(b)  Describe the conditions which led to the growth of Beijing as an urban Centre.
                           (06 marks).

(c)  State the functions of Beijing city.　(04 marks)

(i)  Explain the problems faced by Beijing city.

(ii) Outline the steps being taken to solve the problems in (d)(i) above.     (08 marks)

13. Study table V below showing annual copper production and consumption in China (2010- 2025) and answer the questions that follow:

**Table V China: Annual copper production and consumption ('000 metric tonnes)**

| Year | Copper ore production | Copper consumption |
|------|----------------------|--------------------|
| 2010 | 68,072 | 120,394 |
| 2015 | 38,009 | 140,354 |
| 2020 | 167,933 | 193,471 |
| 2025 | 234,660 (projected) | 222,771 (projected) |

(a)  Draw a combined line graph to show annual copper production and consumption in China between 2010 and 2025 (projected)     (10 marks)

(b)  Describe the:
   (i)   trend of production.
   (ii)  trend of consumption,
   (iii) relationship between production and consumption of copper ore in China between 2010 and 2025     (06 marks)

(c)  For any one area where copper ore is mined in China explain the factors which favoured its production.     (05 marks)

(d)  Outline the contribution of copper ore mining to the development of China.  (04 marks)

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