273/2

GEOGRAPHY

Paper 2

JULY/AUGUST 2019

2 ½ hrs

UGANDA TEACHERS' EXAMINATIONS SCHEME

Uganda Certificate of Education

JOINT MOCK EXAMINATIONS

GEOGRAPHY

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

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

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

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

Any additional question(s) answered will **not** *be marked.*

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Turn Over

PART I: THE REST OF AFRICA

Answer **two** *questions from this part.*

1. Study Table I below showing the climate of station A and answer the questions that follow.

Table I. Climate statistics for station A (altitude 1000m, Lat. 30^0S)

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temperature (^{0}C)	30	31	31	31	30	29	28	28	29	29	29	30
Rainfall (mm)	250	250	325	300	213	25	25	25	100	275	380	260

Adapted: Africa by H.R Jarrett (1979), Macdonald and Evans pg. 31

(a) Draw a suitable graph to represent the above climatic statistics. (09 marks)

(b) Describe the characteristics of the climate at station A. (04 marks)

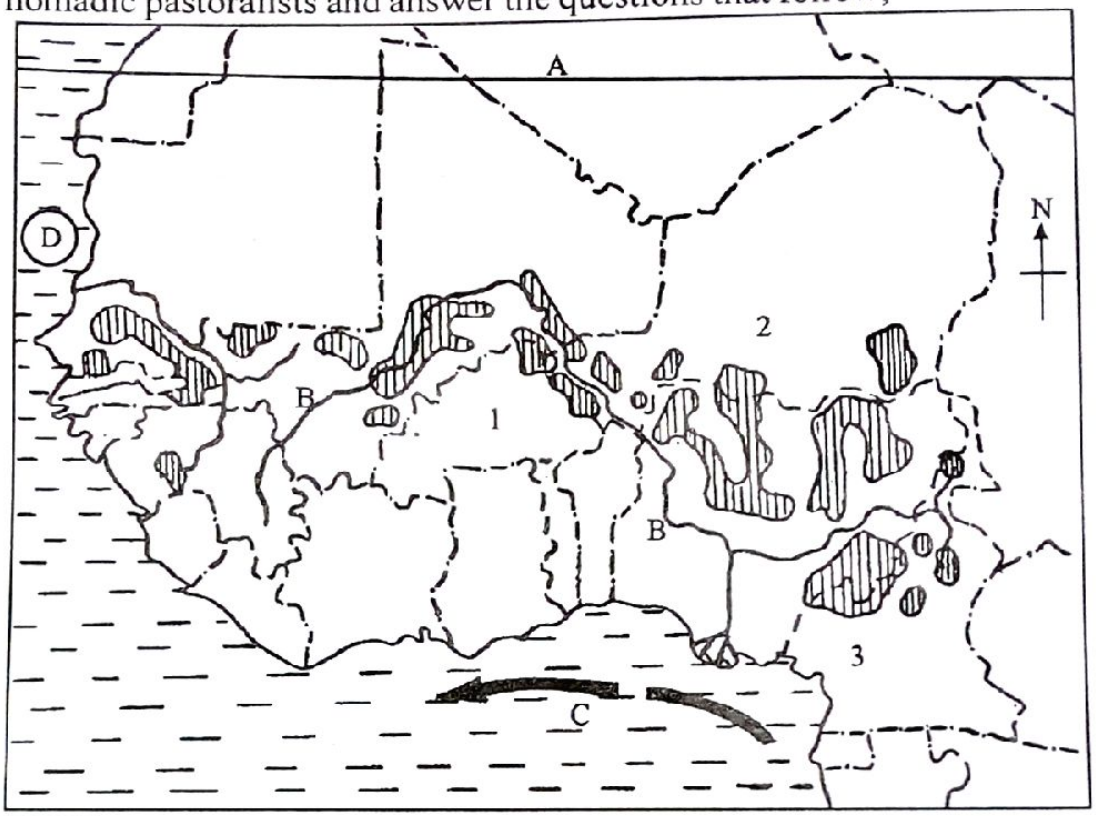
(c) Explain the influence of climate on economic activities that are carried out at the station. (06 marks)

(d) Giving evidence for your answer:

(i) State the hemisphere where station A is located. (02 marks)

(ii) Outline the problems facing people living in the surrounding area. (04 marks)

2. Study figure 1: Map of the Sahel region showing areas occupied by the Fulani nomadic pastoralists and answer the questions that follow;



KEY

Areas occupied by Nomadic Pastoralists

International boundary

Rivers

(a) Name the;

(i) Latitude marked A (01 mark)

(ii) River marked B (01 mark)

(iii) Countries marked 1, 2 and 3 (03 marks)

(iv) Ocean current marked C (01 mark)

(v) Water body marked D (01 mark)

(b) Explain the importance of livestock farming to the people living in the Sahel region. (06 marks)

(c) Explain the problems faced by nomadic cattle herders in the Sahel region. (06 marks)

(d) Outline the steps being taken to solve the problems in (c) above. (05 marks)

3. Study Table II below showing population size for selected African countries and answer the questions that follow:

Table II: Population size for selected African countries.

Country	Land Area ('000sKm²)	Population Size ('000s)
Algeria	2,382	30,800
Central African Republic	623	3,800
Egypt	995	65,200
Sudan	2,376	31,700
Morocco	446	23,200
Ethiopia	1,000	35,800

Adapted: 2003 African Development Indicators; World Bank Pg. 5.

(a) Calculate the population density for each of the selected countries. (06 marks)

(b) Draw a line graph to show the population size of the selected countries in the table. (08 marks)

(c) Explain the causes of the variations in population size for the selected countries. (06 marks)

(d) Outline the problems resulting from a dense population. (05 marks)

4. (a) Draw a sketch map of Egypt and on it, mark and name;

(i) Industrial towns: Cairo, Alexandria and Helwan

(ii) River Nile,

(iii) Aswan High Dam

(iv) The Suez Canal (07 marks)

(b) State any **three** types of industries found in any **one** industrial town named in (a) (i) above. (03 marks)

(c) Describe the factors which have favoured the development of industries in Egypt. (08 marks)

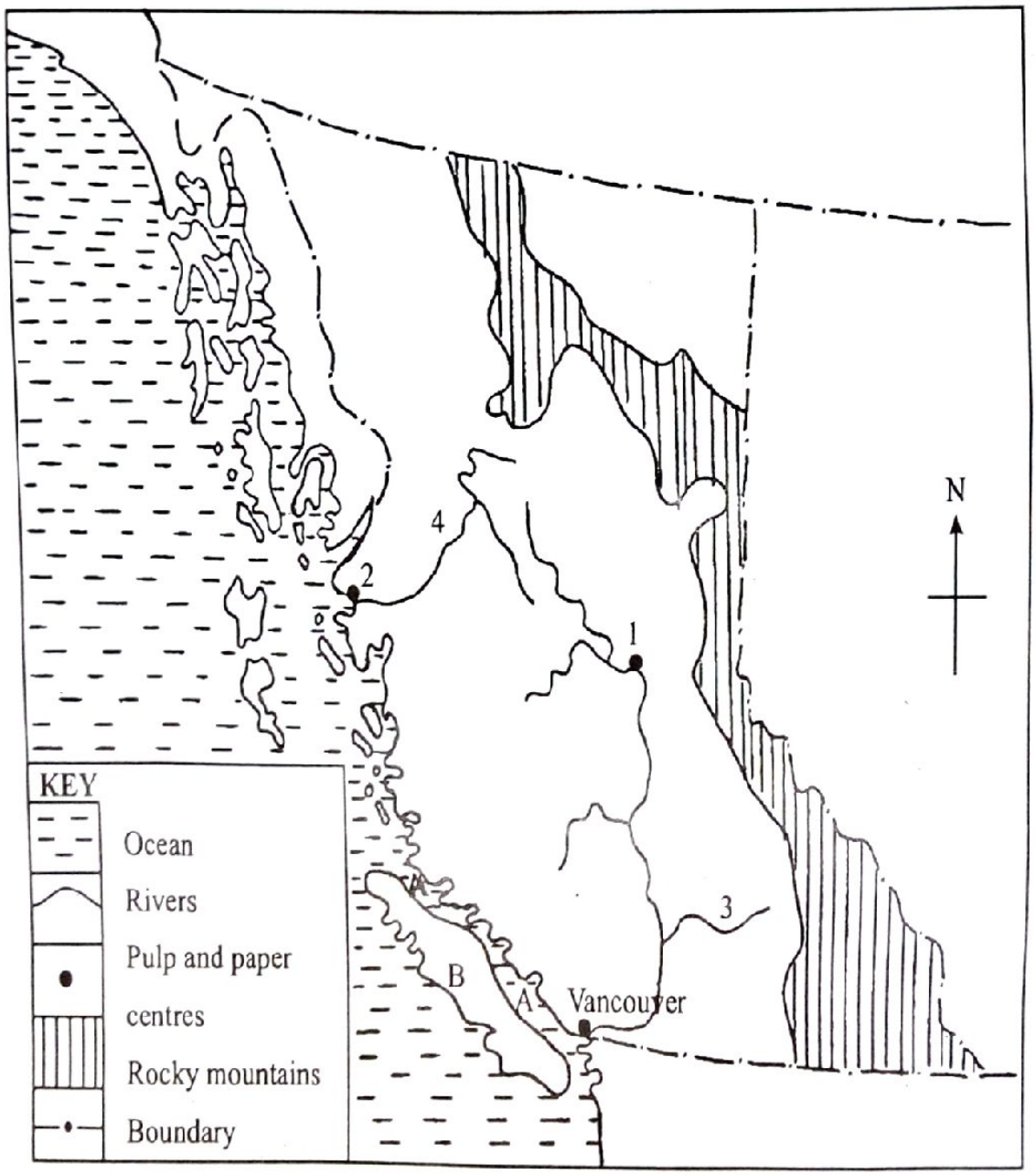
(d) Explain the contribution of the industrial sector to the economy of Egypt. (07 marks)

PART II: STUDIES IN DEVELOPMENT

*Answer **two** questions from this part*

REGION I: NORTH AMERICA

5. Study figure 2: A Sketch map of British Columbia provided below and answer the questions that follow;



(a) Name the;

(i) Pulp and paper centres marked 1 and 2

(ii) Rivers marked 3 and 4

(iii) Strait marked A,

(iv) Island marked B (06 marks)

(b) (i) Identify any **two** tree species found in British Columbia. (02 marks)

(ii) Describe the characteristics of the tree species identified in (b) (i) above. (06 marks)

(c) Explain the physical factors that have favoured the exploitation of any **one** tree species identified in (b) (i) above. (05 marks)

(d) Outline the problems facing the forestry industry in British Columbia. (06 marks)

6. (a) Draw a sketch map of the St. Lawrence Seaway and the Great lakes region and on it, mark and name;

(i) Lakes: Erie and Ontario

(ii) Canals: Sault Saint Marie and Welland

(iii) Industrial Centres: Chicago and Buffalo (07 marks)

(b) (i) Name any **two** industries found in any **one** industrial centre named in (a) (iii) above. (02 marks)

(ii) Explain the factors that led to the growth of the industrial centre you have chosen in (b) (i) above. (06 marks)

(c) Outline the problems facing the industrial sector in the Great lakes region. (05 marks)

(d) State the benefits of industrial growth to the Great lakes region.

(05 marks)

7. Study Table III below showing seasonal work on a selected plantation in The South (USA) and answer the questions that follow:

Table III: Seasonal work on a selected plantation in The South.

MONTH	RAINFALL (mm)	TEMP (^{0}C)	WORK DONE ON THE PLANTATION
JAN	90.4	3.6	Repairing machines and updating record books
FEB	90.5	6.2	Planning next season's work and purchasing seeds
MAR	106.1	11.7	Preparation of cotton fields
APR	112.3	16.9	Planting cotton
MAY	109.1	19.0	Planting legumes especially Soya beans
JUN	96.7	24.3	Harvesting wheat planted the previous year
JUL	101.0	26.0	Weeding and spraying
AUG	89.0	29.0	Weeding and spraying
SEPT	79.3	22.6	Harvesting cotton
OCT	69.9	17.0	Legumes are harvested
NOV	70.0	10.5	Application of fertilizers in the fields
DEC	88.2	5.0	Planting of Winter Wheat.

Adapted: world resources series (1990 – 1999)

(a) Calculate the;

(i) Mean annual rainfall.

(ii) Annual temperature range, for the station (04 marks)

(b) Identify the agricultural activities done on the plantation during;

(i) Summer

(ii) Winter (04 marks)

(c) Describe the relationship between climate and work done on the plantation. (05 marks)

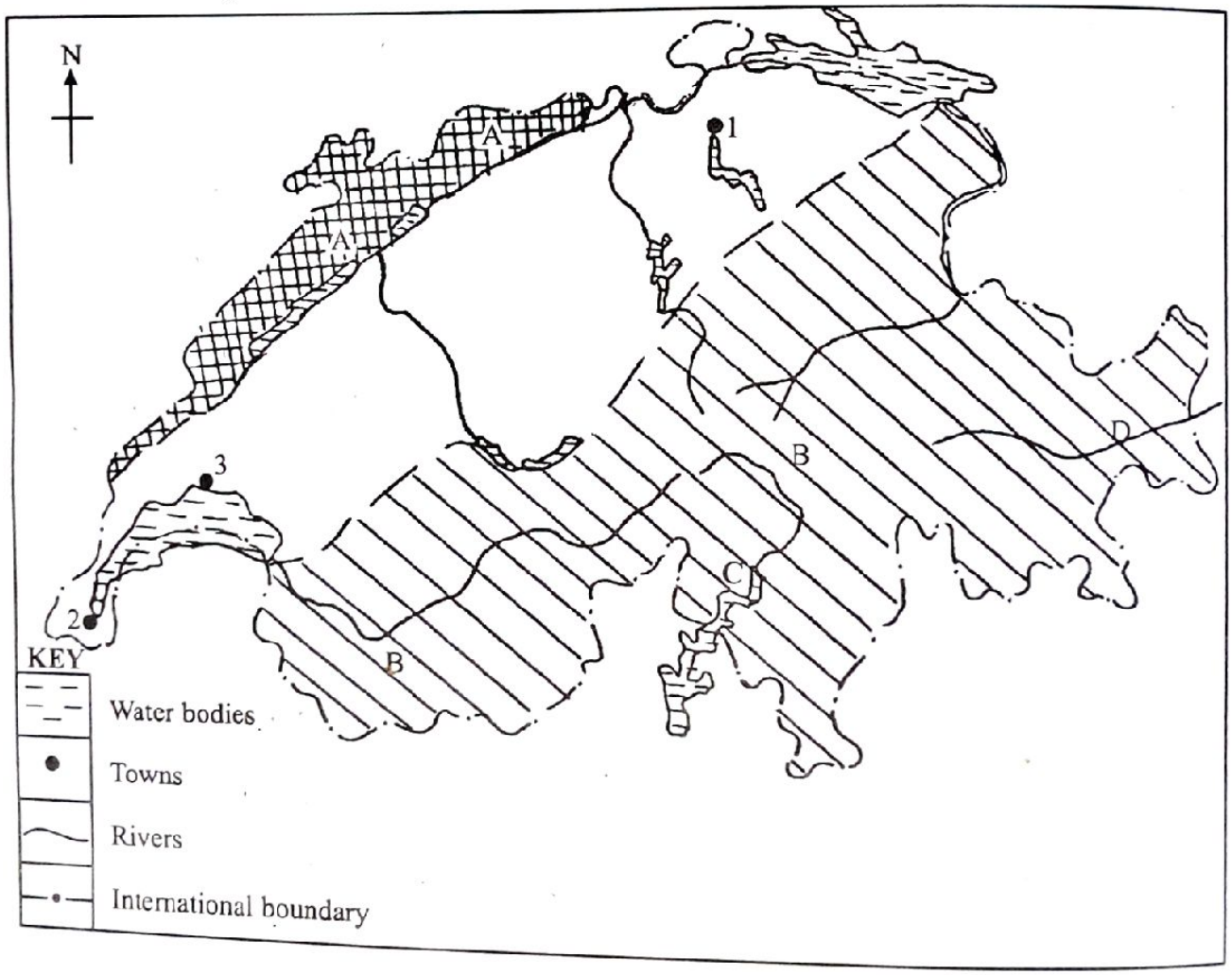
(d) Explain the;

(i) Contribution of the agricultural sector to the development of The South. (06 marks)

(ii) Problems facing the agricultural sector in The South. (06 marks)

REGION II: RHINELANDS

8. Study figure 3: A sketch map of Switzerland provided and answer the questions that follow;



(a) Name the

(i) Physical regions marked A and B

(ii) Tourist resort centres marked 1, 2 and 3

(iii) Water body marked C

(iv) River marked D (07 marks)

(b) Identify any **two** tourist attractions found in each of the relief regions marked in (a) (i) above. (04 marks)

(c) Explain the factors that have favoured tourism in Switzerland (07 marks)

(d) Outline the;

(i) Problems facing the tourism industry in Switzerland. (04 marks)

(ii) Steps that should be taken to solve the problems in (d) (i) above. (03 marks)

9. Study Table IV below showing crop production in Germany in tones (2005) and answer the questions that follow:

Table IV: Crop Production in Germany in 2005

Crop	Production in Tonnes
Sugar beets	261,000,000
Wheat	283,000,000
Barley	125,000,000
Potatoes	125,000,000
Rape seed	5,100,000
Maize	4,800,000
Rye	3,600,000

Adapted: Moran Uganda Secondary School Atlas: Fully updated Edition. 2013 page 22.

(a) Draw a bar graph to represent the information contained in the table. (09 marks)

(b) Calculate the percentage contribution of the;

(i) Most dominant crop

(ii) Least dominant crop (02 marks)

(c) Explain the factors favouring arable farming in Germany. (07 marks)

(d) Outline the benefits of arable farming to Germany. (07 marks)

10. (a) Draw a sketch map of Belgium and on it, mark and name;

(i) Industrial Centres: Antwerp and Brussels

(ii) Mining centres: Charleroi and Mons

(iii) Rivers: Sambre and Meuse

(iv) The Albert Canal (08 marks)

(b) Describe the conditions favouring the growth of industries in Belgium. (08 marks)

(c) Explain the benefits of industrial growth to Belgium. (05 marks)

(d) Outline the problems facing the Belgian manufacturing sector. (04 marks)

REGION III: CHINA

11. Study Table V below showing China's percentage of exports in 2006 and answer the questions that follow;

Table V: China's percentage exports

Export	Percentage
Food Items	04
Agricultural raw materials	01
Fuel	03
Metals an Ores	02
Manufactured goods	90
Total	**100**

Source: World Resources; Sustainable Environmental Resources; UNDP Washington DC

(a) Draw a pie chart to show the relative importance of China's exports. (08 marks)

(b) Explain the factors that favour export trade in China. (08 marks)

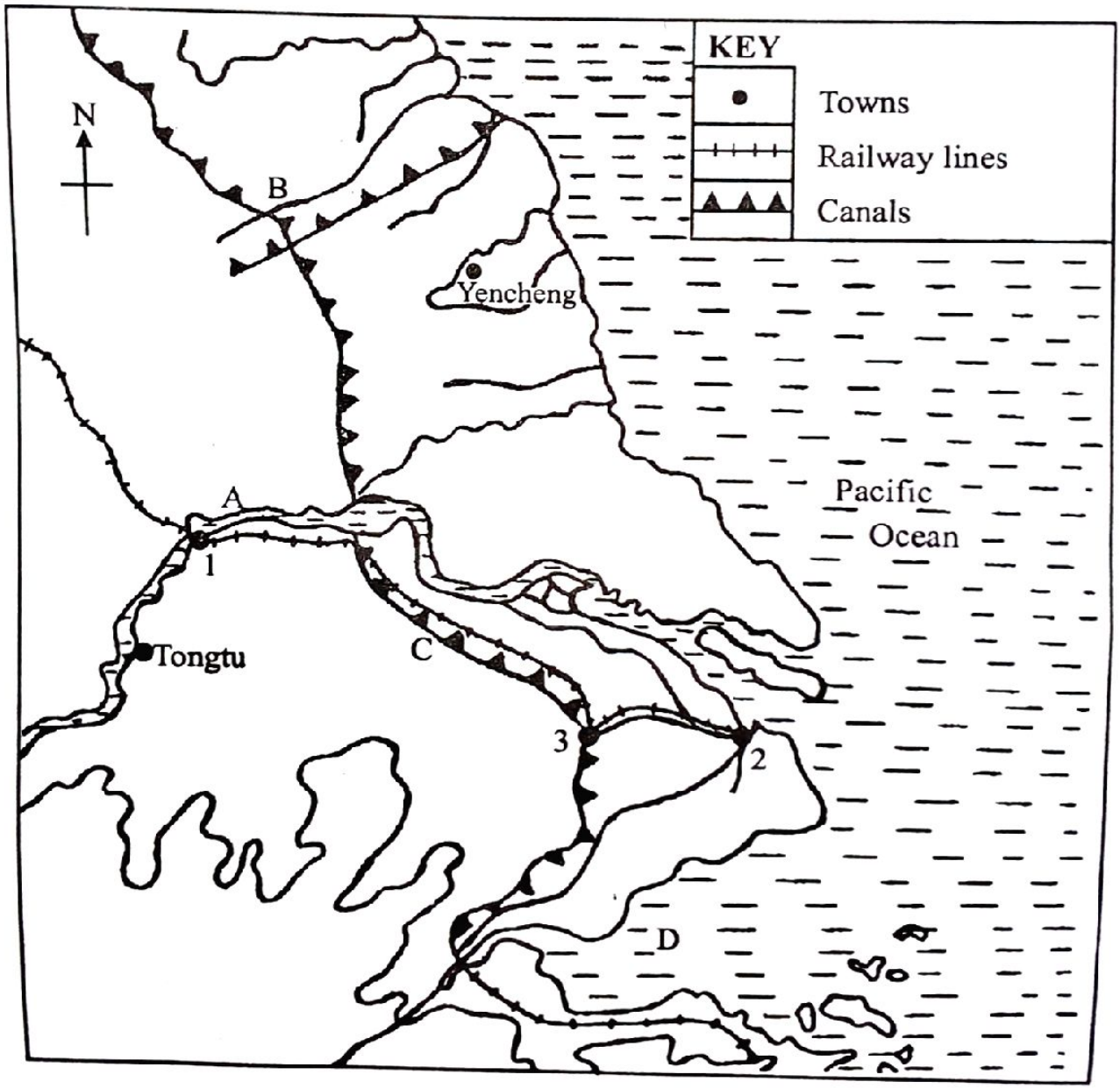
(c) Mention any **two**;

(i) Export ports for Chinese goods

(ii) Recipient countries for Chinese goods (04 marks)

(d) Outline the benefits of international trade to China. (05 marks)

12. Study figure 4: A Sketch map of the Yangtze – Kiang River basin and answer the questions that follow;



(a) Name the;

(i) Rivers marked A and B

(ii) Canal marked C

(iii) Bay marked D

(iv) Towns marked 1, 2 and 3 (07 marks)

(b) Describe the factors which favoured agriculture in the Yangtze – Kiang river basin. (06 marks)

(c) Explain the contributions of agriculture to the people living in the Yangtze – Kiang river basin (06 marks)

(d) Outline the problems faced by the people living in the Yangtze –Kiang river basin. (06 marks)

13. (a) Draw a sketch map of the Manchuria industrial region of China and on it, mark and name;

(i) Rivers: Liao ad Yalu

(ii) The Korean Bay

(iii) Mining Centres: Fuxin, Hun Jiang and Anshan

(iv) North Korea (08 marks)

(b) Explain the factors favouring industrial growth in the Manchuria region. (07 marks)

(c) Outline the problems facing the industrial sector in Manchuria region. (06 marks)

(d) Name any **two**;

(i) heavy,

(ii) light industries found in the Manchuria region. (04 marks)

END