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EXAMINATIONS COUNCIL OF ZAMBIA

JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) – 2008

GEOGRAPHY PAPER 2 2007/2

(INTERNAL & EXTERNAL CANDIDATES)

TIME: 2 HOURS

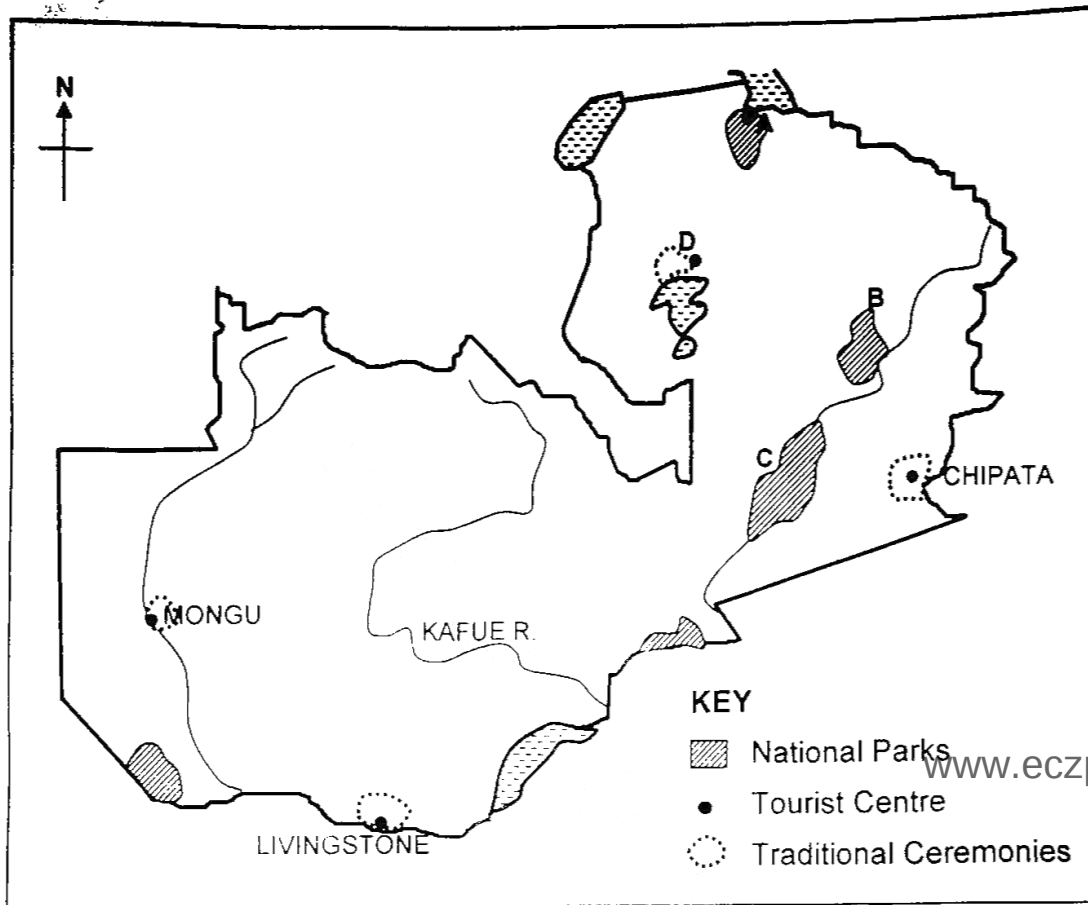
INSTRUCTIONS TO CANDIDATES

1. Pull out the **Answer Booklet** from the question paper.
2. Write your name, examination number and school / centre name on the **Answer Booklet**.
3. There are **three (3)** Sections in this paper; **A, B and C**.
4. Answer **four** questions: **two** from Section **A**, **one** from Section **B** and **one** from Section **C**.
5. Write **ALL** your answers in the **Answer Booklet**. Do not write anything on this question paper.
6. Indicate questions attempted in the box on the front page of the **Answer Booklet**.
7. Cell phones are not allowed in the examination room.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

SECTION A

1 Study the map of Zambia below and answer the questions that follow.



- A Name tourist centre A. [1]
- B Name National park B. [1]
- C Name **two** endangered animal species in National park C. [2]
- D What annual traditional ceremony is a tourist attraction at tourist centre D? [1]
- E Give **two** reasons why traditional ceremonies fail to attract large numbers of foreign tourists. [2]
- F Suggest **two** reasons why poachers kill or capture wild animals. [2]
- G State **two** reasons why it is important to conserve wild animals in Zambia. [2]
- H State **two** effects of tourism on the local people around area C. [2]
- I State **two** measures taken by the government in order to promote tourism in Livingstone. [2]

[15 marks]

2

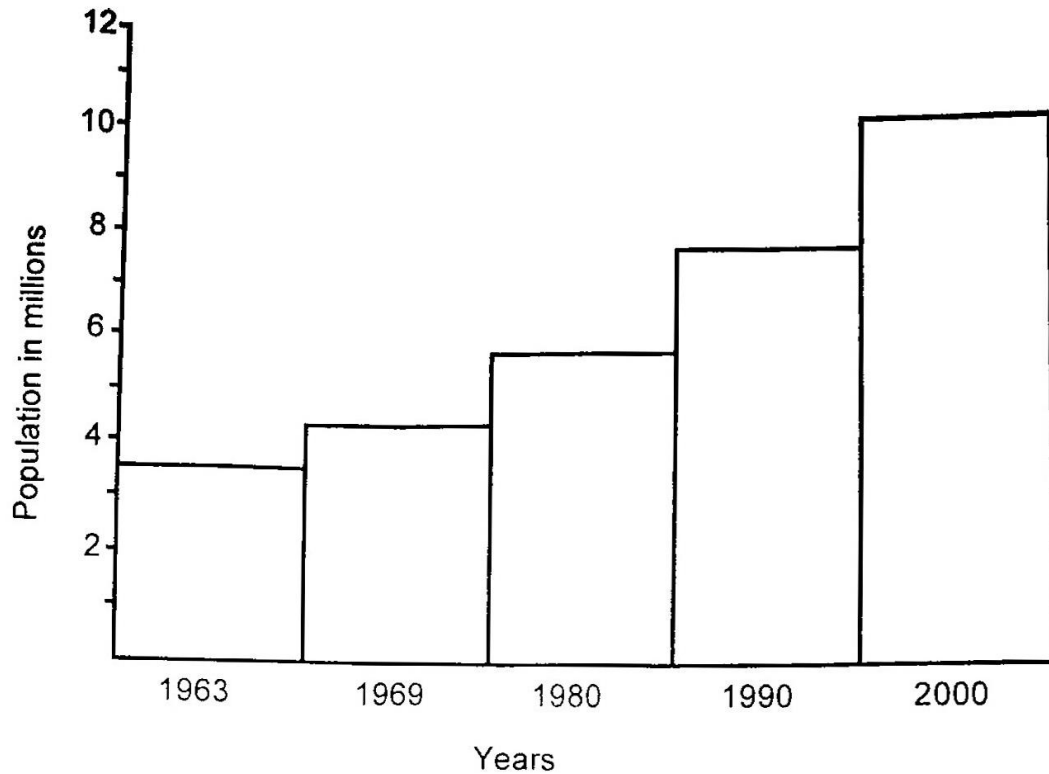
Study the table below and then answer the questions that follow.

TYPE OF FOREST COVER	PROVINCE / REGION		
	CENTRAL (Hectares)	COPPERBELT (Hectares)	LUAPULA (Hectares)
Forest Reserve	600,770	443,500	411,700
Forest (Open areas) dense	2, 579,900	1,456,900	1,359,900
Degraded	3,279,300	772,100	1,057,300
National parks	1,076,900	0	125,800
Plantation	230	42,600	1,300

- A Which province has the largest area of forest reserve? [1]
- B What is the size of the land covering plantations in Luapula province? [1]
- C Name **two** plantation areas of softwood located on the Copperbelt. [2]
- D Name **two** species of trees grown on the plantations on the Copperbelt. [2]
- E Mention **two** advantages for locating soft wood plantations on the Copperbelt. [2]
- F Mention **two** uses of the trees from plantations of the Copperbelt. [2]
- G Suggest **two** disadvantages of the plantations. [2]
- H Suggest **three** possible reasons for the rapid destruction of forests in Central province. [3]

[15 marks]

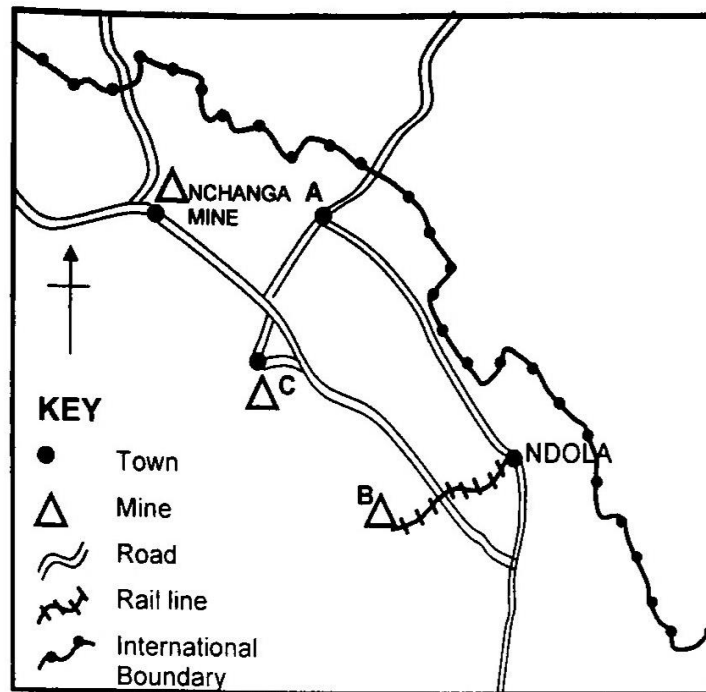
3 Study the graph below and answer the questions that follow.



- A What was the population of Zambia in 1990? [1]
- B What was the difference in population between 1990 and 2000? [1]
- C Give **two** reasons why the population of Zambia continues to grow. [2]
- D Name **two** provinces that could have contributed greatly to the size of Zambia's population in 2000. [2]
- E Mention **two** problems that Zambia faces as a result of its rapid population growth. [2]
- F Mention the method that was used to determine the population figures of Zambia in the years shown on the graph. [1]
- G State **two** problems of determining population using the method mentioned in question F. [2]
- H Give **two** reasons why the population of Zambia is concentrated along the line of rail (Copperbelt to Livingstone). [2]
- I State **two** negative effects of HIV/AIDS on the population of Zambia. [2]

[15 marks]

- 4 Study the map below and answer the questions that follow.

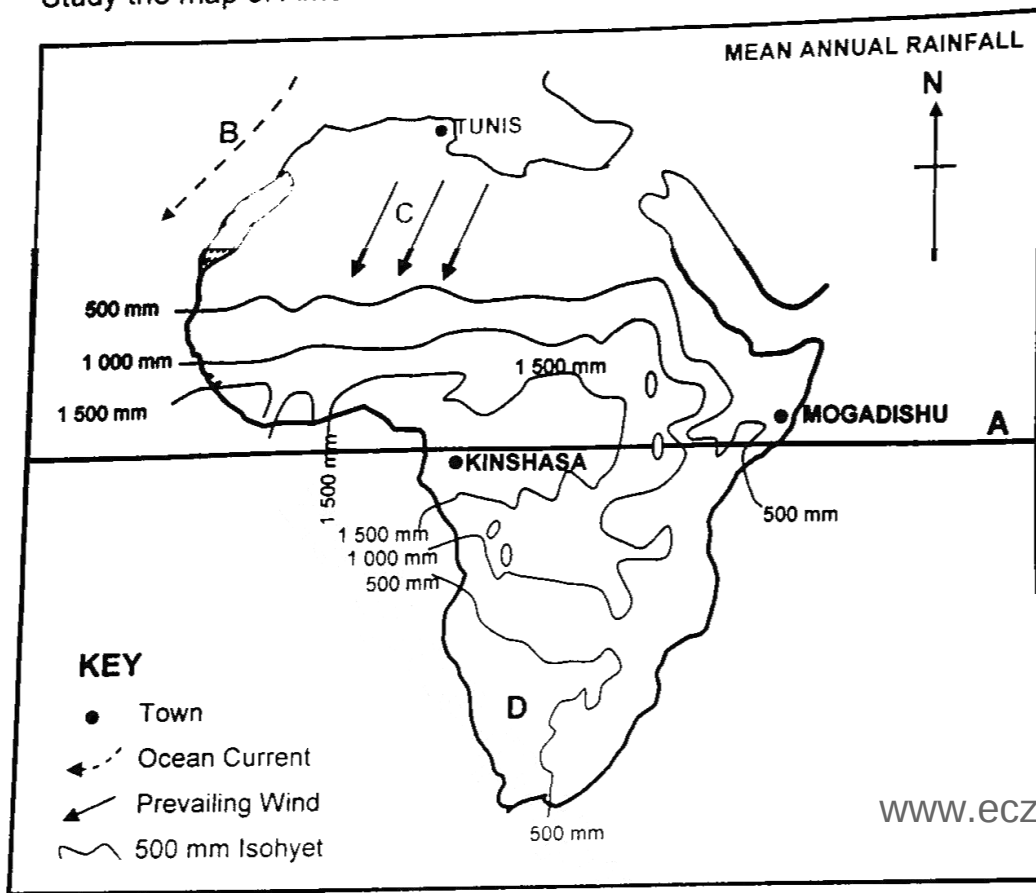


- A Name mining town A and mine B. [2]
- B Name the method of mining used at mine C. [1]
- C Name **two** minerals mined at Nchanga mine. [2]
- D Name **two** mining companies that have invested in the Copperbelt province. [2]
- E Name **two** by-products of copper. [2]
- F State **two** negative effects of mining on the environment. [2]
- G Name **two** mines outside the copperbelt which were recently opened in North-Western province. [2]
- H Mention **two** measures that the Zambian government has put in place to boost mining. [2]

[15 marks]

SECTION B

- 5 Study the map of Africa below and answer the questions that follow.



- A Name latitude A. [1]
- B Name Ocean current B. [1]
- C State **two** effects of ocean current B on the climate along the western coast. [2]
- D Name prevailing wind C. [1]
- E In what season does Tunis receive rainfall? [1]
- F What is the approximate annual rainfall for:
- (i) Kinshasa,
 - (ii) Mogadishu? [2]
- G What is the general rainfall pattern observed between Tunis and Kinshasa as shown on the map? [1]
- H Suggest **two** reasons why area D receives rainfall of less than 500 mm per year. [2]

I Suggest **two** reasons for the high rainfall recorded in the region where Kinshasa is located. [2]

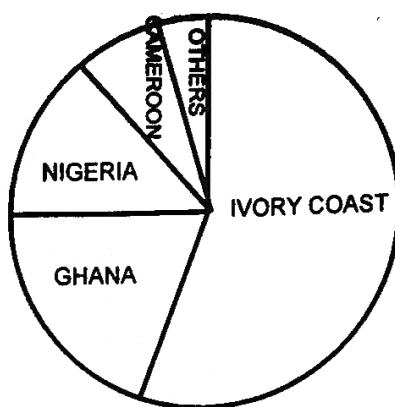
J What is meant by the terms:

(i) Prevailing wind,

(ii) Isohyets? [2]

[15 marks]

6 Study the pie chart below which shows relative production of cocoa and answer the questions that follow.



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A Which country is the largest producer of cocoa? [1]

B Name **two** cocoa producing countries in Africa classified as others on the pie chart above. [2]

C Name **two** major cocoa producing areas in Ghana. [2]

D Name **two** countries that import cocoa from West Africa. [2]

E Suggest **two** possible reasons why Ivory Coast produces more cocoa than Ghana. [2]

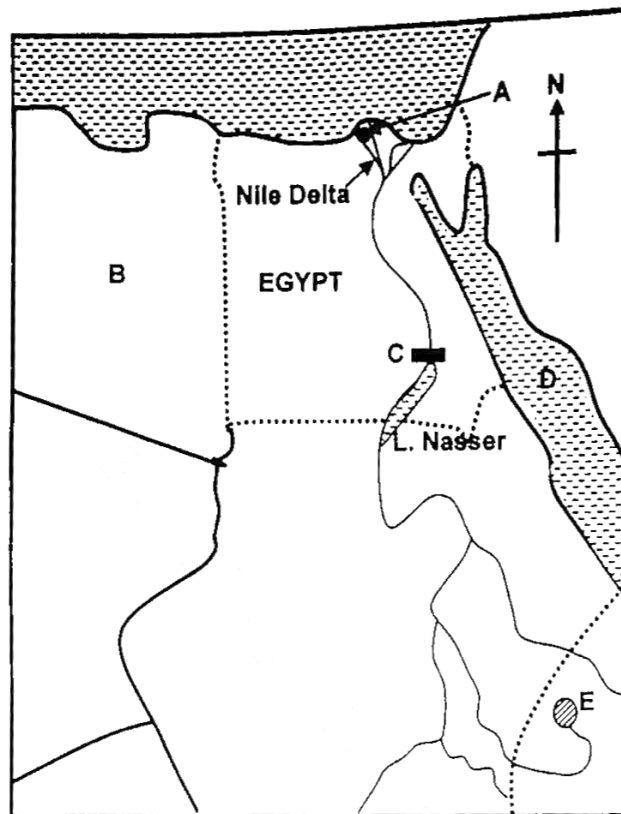
F State **two** problems which explain the decline in cocoa production in Ghana in recent years. [2]

G Mention **two** uses of cocoa. [2]

H Suggest **two** ways in which the marketing of cocoa can be improved. [2]

[15 marks]

7 Study the map below and answer the questions that follow.



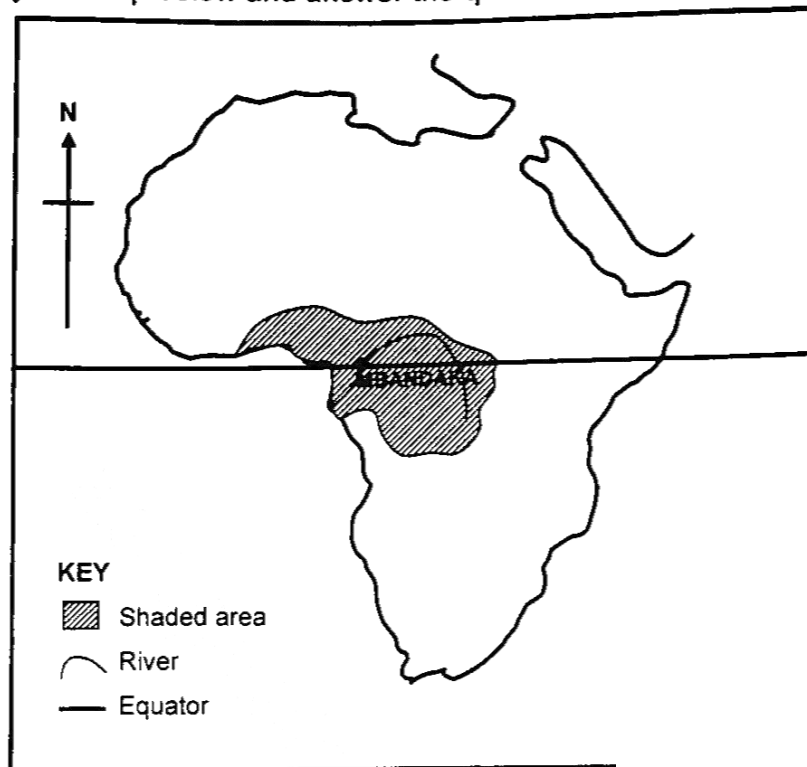
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- A Name town A. [1]
- B Name country B. [1]
- C Name Dam C. [1]
- D What is the name of the sea marked D? [1]
- E What is the name of the Highlands in which lake E is found? [1]
- F State **two** modern irrigation methods used in the Nile Valley. [2]
- G Mention **two** commercial crops grown in the Nile Valley. [2]
- H Give **three** benefits of the lake behind Dam C to the people of Egypt. [3]
- I State **three** problems brought about by the construction of the Dam C on the Nile River. [3]

[15 marks]

SECTION C

- 8 Study the map below and answer the questions that follow:



- A Name the climatic region **shaded** on the map. www.eczpastpapers.com [1]
- B Name **two** areas in Africa which experience the climate represented in question A. [2]
- C State **two** characteristics of the climatic region named in question A. [2]
- D Give **two** reasons why the amount of nutrients found on the top soil of the shaded area is much greater than the surrounding area. [2]
- E Name **two** agricultural products obtained in the shaded area. [2]
- F Give **two** reasons why the rate of deforestation in the shaded area has increased rapidly in recent years. [2]
- G Give **two** reasons why it is difficult to conserve the forest in the shaded area. [2]
- H Name **two precious** minerals found in the shaded area. [2]

[15 marks]

Read the passage below about a climatic region of Africa.

"This tropical area receives rainfall only in summer, when the sun is overhead. In the Southern Hemisphere, the rainy season is between October and March, while the Northern Hemisphere has its rainy season when the sun is overhead between May and October. The length of both the dry season and the rainy season is determined by the distance from the Equator. The nearer the place is to the Equator, the longer the rainy season but the further away the place is from the Equator, the shorter the rainy season and the longer the dry season. Droughts are common in areas further away from the Equator."

- A** State the type of climate described in the passage above. [1]
- B** Give **two** reasons why this tropical area receives rainfall in summer. [2]
- C** "The nearer the place is to the Equator, the longer the rainy season". Give **two** ways in which this affects vegetation. [2]
- D** Suggest **two** ways in which trees are adapted to long dry winters. [2]
- E** State **two** countries in Africa with this type of climate described in the passage above. [2]
- F** State **three** economic activities practised by the people living in the area described in the passage above. [3]
- G** State **three** effects of frequent droughts. [3]

[15 marks]

10 Study the table below and answer the questions that follow

HEMISPHERE	TOWN	TEMPERTURES		RAINFALL
		SUMMER	WINTER	
NORTHERN	WINNIPEG (CANADA)	19°C	-20°C	- Light and below 508 mm - Convectional rain occur - Snow falls in winter
SOUTHERN	JOHANNESBURG (SOUTH AFRICA)	23°C	9°C	- Moderate, it's above 508 mm - Convectional rain occurs - No rainfall in winter

- A What is the annual temperature range for Winnipeg? [1]
- B Name the natural region represented by the climatic data in the table above. [1]
- C Give **two** reasons why Winnipeg receives snow fall in winter. [2]
- D Suggest **two** reasons why the temperature range at Johannesburg is smaller than at Winnipeg. [2]
- E Name **two** commercial crops grown in the natural region represented by the table. [2]
- F Suggest **two** factors which favour large scale production of the crops mentioned in question E. [2]
- G State **two** problems which affect farming in the natural region described in the table above. [2]
- H Suggest **three** solutions to the problems referred to in question G. [3]

[15 marks]