



EXAMINATIONS COUNCIL OF ZAMBIA

JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) – 2010

GEOGRAPHY 202/1 PAPER 1

(INTERNAL & EXTERNAL CANDIDATES)

Time: 1 HOUR 30 MINUTES

Marks: 40

INSTRUCTIONS TO CANDIDATES

1. Separate the **Answer Sheet** from the question paper.
2. Write your name, examination number, school/centre name and code on the **Answer Sheet**.
3. There are **forty (40)** questions in this paper.
4. Answer **all** the questions.
5. For each question, **four (4)** possible answers are given, **A, B, C** and **D**. Choose the correct answer. Then, on your **Answer Sheet**, mark the letter with a cross(x).
6. **Do not** spend too much time on any one question. Leave difficult questions to the end.
7. At the end of this examination, hand in the **Answer Sheet**.
8. **Cell phones are not allowed in the examination room.**

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

This question paper consists of 14 printed pages.



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PAPER 1

ANSWER SHEET

(INTERNAL & EXTERNAL CANDIDATES)

CANDIDATE NAME:

EXAMINATION NUMBER

SCHOOL/CENTRE: **CODE**

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
18	A	B	C	D
19	A	B	C	D
20	A	B	C	D

21	A	B	C	D
22	A	B	C	D
23	A	B	C	D
24	A	B	C	D
25	A	B	C	D
26	A	B	C	D
27	A	B	C	D
28	A	B	C	D
29	A	B	C	D
30	A	B	C	D
31	A	B	C	D
32	A	B	C	D
33	A	B	C	D
34	A	B	C	D
35	A	B	C	D
36	A	B	C	D
37	A	B	C	D
38	A	B	C	D
39	A	B	C	D
40	A	B	C	D

Geography 202/1/2010

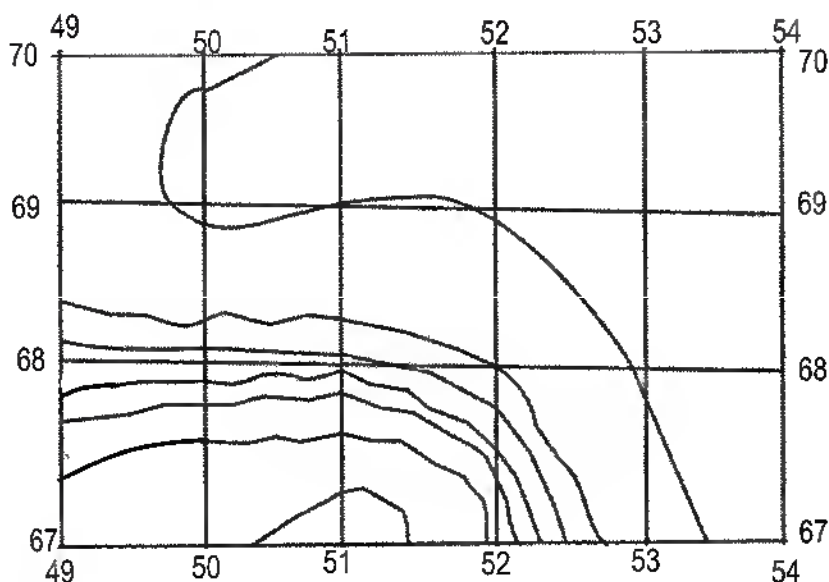
SECTION A

Study the map extract of Zambia and answer questions 1 to 12

- 1 What is the six figure grid reference of Shebele village?
A 568675
B 565678
C 675568
D 678565
- 2 The distance along the track from Chipemba village in grid square 4977 to Kayumba school in grid square 5075 is ... metres.
A 1 800
B 2 000
C 2 500
D 2 800
- 3 What is the general direction of flow of Muweshi River?
A North East to South West.
B North West to South East.
C South East to North West.
D South West to North East.
- 4 The bearing of Mutayi village in grid square 5370 from Kayumba school in grid square 5075 is ...
A 89°.
B 140°.
C 210°.
D 300°.
- 5 What man-made feature is found in grid square 5075?
A Aerodrome
B Mine
C School
D Tower
- 6 Which one of the following grid squares has the highest density of human settlement?
A 4977
B 5870
C 5374
D 5569

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Study the diagram below that shows part of the map extract and answer question 7.



7 Which one of the following description is correct about the map extract shown in the diagram?

- A Land is hilly.
- B Land is a plateau.
- C Land is a plain.
- D Land is a valley.

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8 Most of the settlements are located along ...

- A dambos.
- B rivers.
- C ridges.
- D tracks.

9 The Longitude of Kapula village in grid square 5569 is ...

- A 10° N.
- B 10° S.
- C 29° E.
- D 29° W.

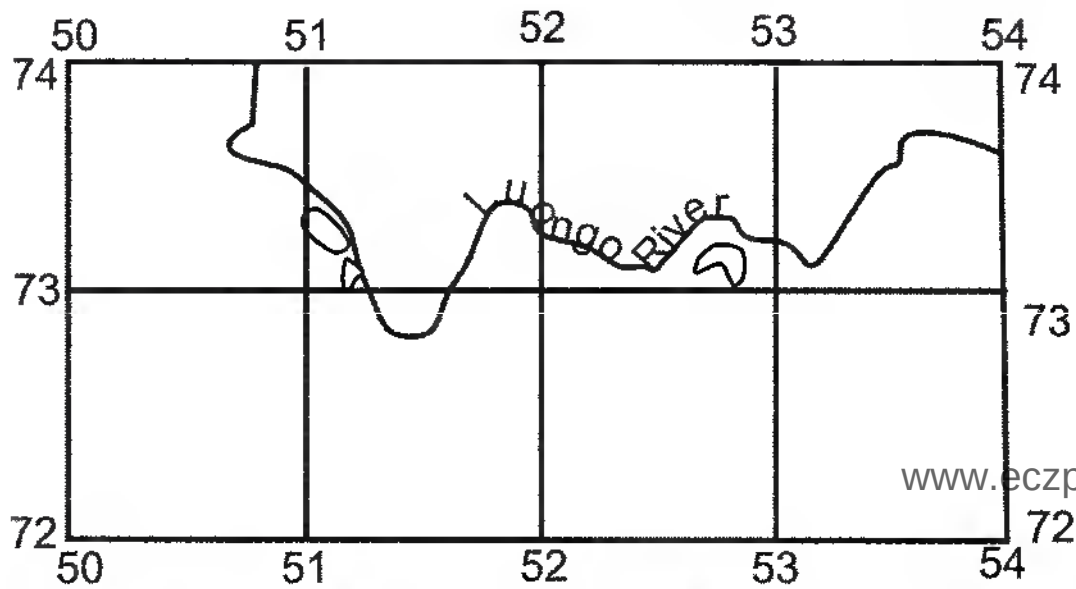
10 The main type of vegetation found in the area north of the Luongo river is ...

- A Thick forest.
- B Thicket.
- C Open bush and Tree grassland.
- D Woodland.

11 What is the likely occupation of the people who live in the area shown on the map?

- A Fishing
- B Mining
- C Poultry
- D Pottery

Study the area shown in the grid squares below and answer question 12.

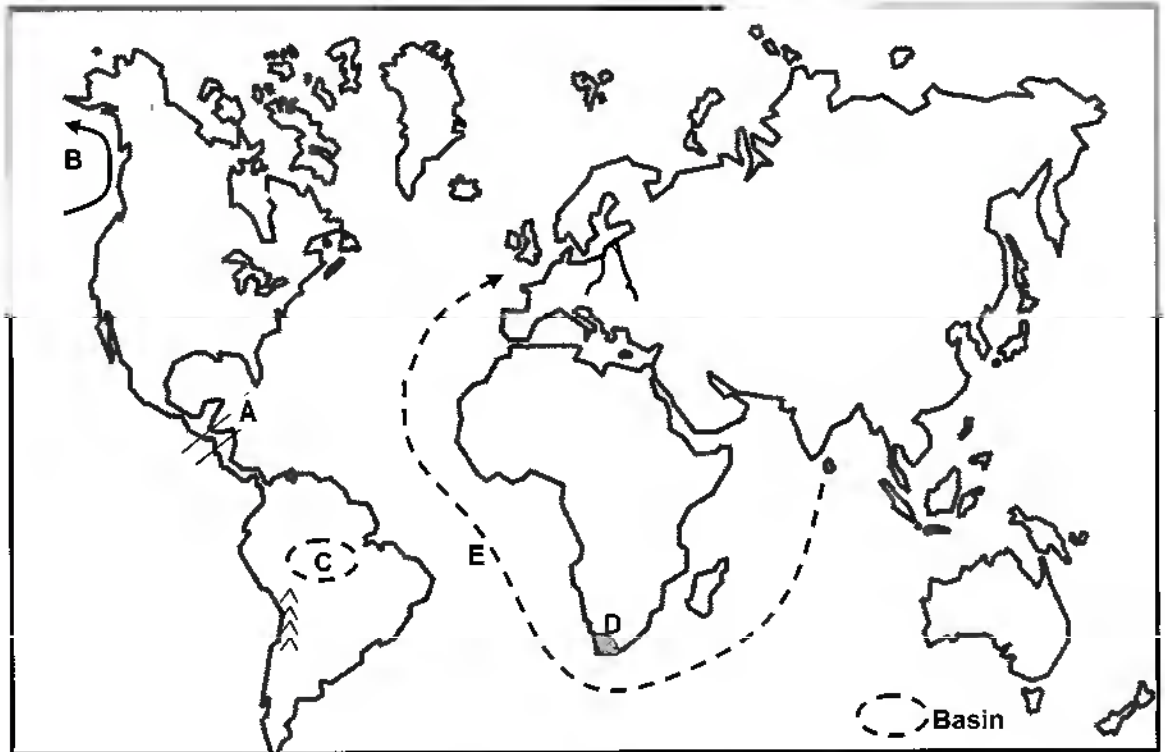


12 The main reason why the Luongo River has a meandering route is that the river passes through ...

- A dambos.
- B flat land.
- C mountains.
- D swamps.

SECTION B

Study the world map below and then answer questions 13 to 17.



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13 What is the name of canal **A**?

- A** Erie
- B** Soo
- C** Suez
- D** Panama

14 Ocean current **B** is ...

- A** Algulhas.
- B** Benguela.
- C** North Pacific Drift.
- D** South Equatorial.

15 What is the name of basin **C**?

- A** Amazon.
- B** Congo.
- C** Orinoco.
- D** Mississippi.

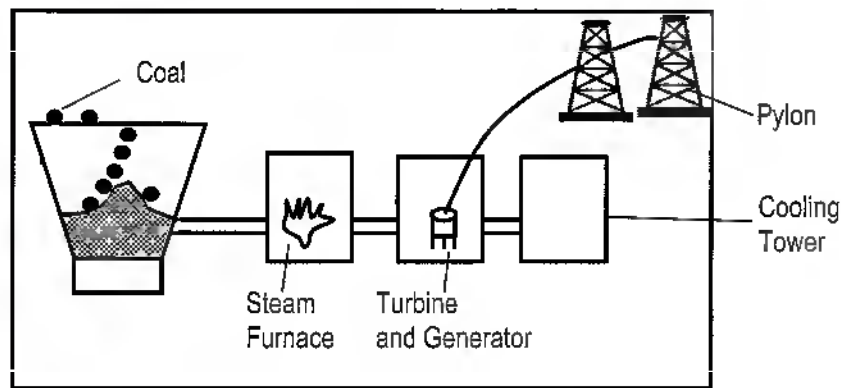
- 16 What is the name of mountain range **D**?
- A Andes
 - B Appalacian.
 - C Drakensburg.
 - D Table.
- 17 The name of the plantation crop transported along route **E** is ...
- A Banana.
 - B Coffee.
 - C Tea.
 - D Teak.

Study the table below and then answer questions 18, 19 and 20.

COUNTRY	CATTLE POPULATION (Million head)	COW MILK PRODUCTION (Million tonnes)
Brazil	176	23
China	106	-
India	222	36
U.S.A.	97	77
Argentina	51	-
Sudan	38	-
Russia	27	33

- 18 The total production of cow milk from South America is ... million tonnes.
- A 23
 - B 77
 - C 100
 - D 227
- 19 Which one of the following countries is the main importer of beef in the world?
- A Argentina.
 - B India.
 - C U.S.A.
 - D Sudan.

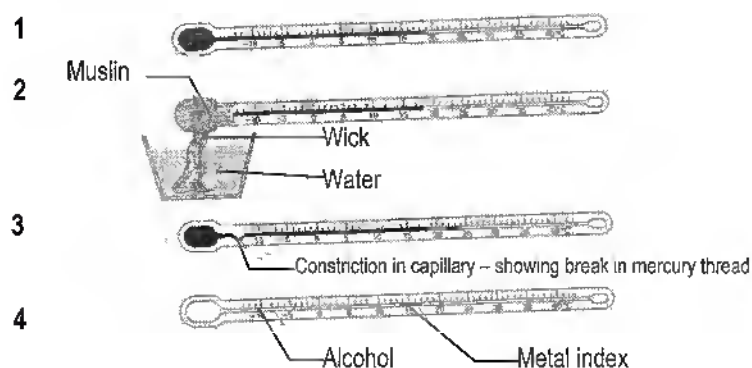
Study the diagram below and answer questions 20 and 21.



- 20 What type of a power station is shown in the diagram?
- A Geo-thermal.
 - B Hydro-electric.
 - C Nuclear.
 - D Thermal.
- 21 The fuel used in the power station shown in the diagram above is **not** good for the environment because it ...
- A displaces population.
 - B pollutes the air.
 - C produces harmful rays.
 - D produces little power.
- 22 Which one of the following power source is not a fossil fuel?
- A Coal
 - B Natural gas
 - C Petroleum
 - D Water

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Study the diagram below and answer questions 23 and 24.



Thermometers

Geography 202/1/2010

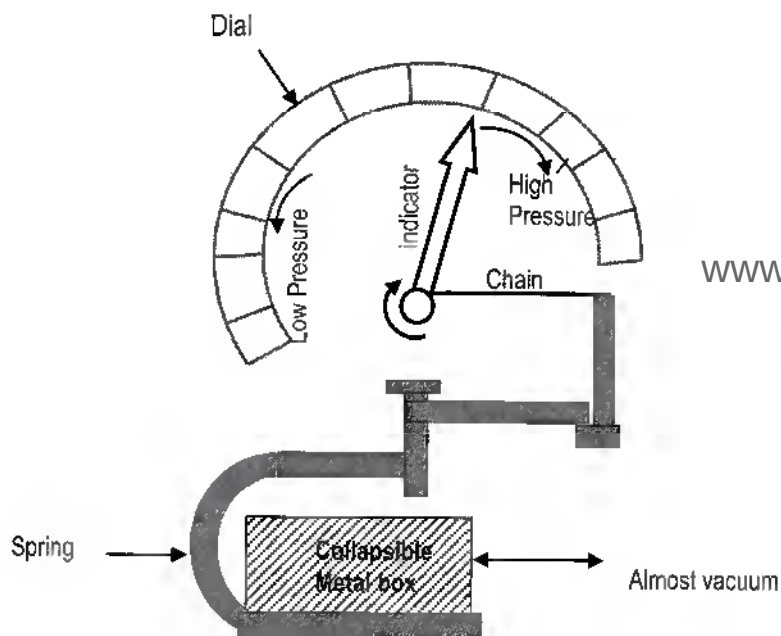
23 Which pair of thermometers shown in the diagram is used to determine the humidity of the atmosphere?

- A 1 and 2
- B 1 and 4
- C 2 and 4
- D 3 and 4

24 What is the temperature reading for thermometer 3?

- A 13°C
- B 14°C
- C 18°C
- D 24°C

Study the diagram below and answer questions 25 and 26.



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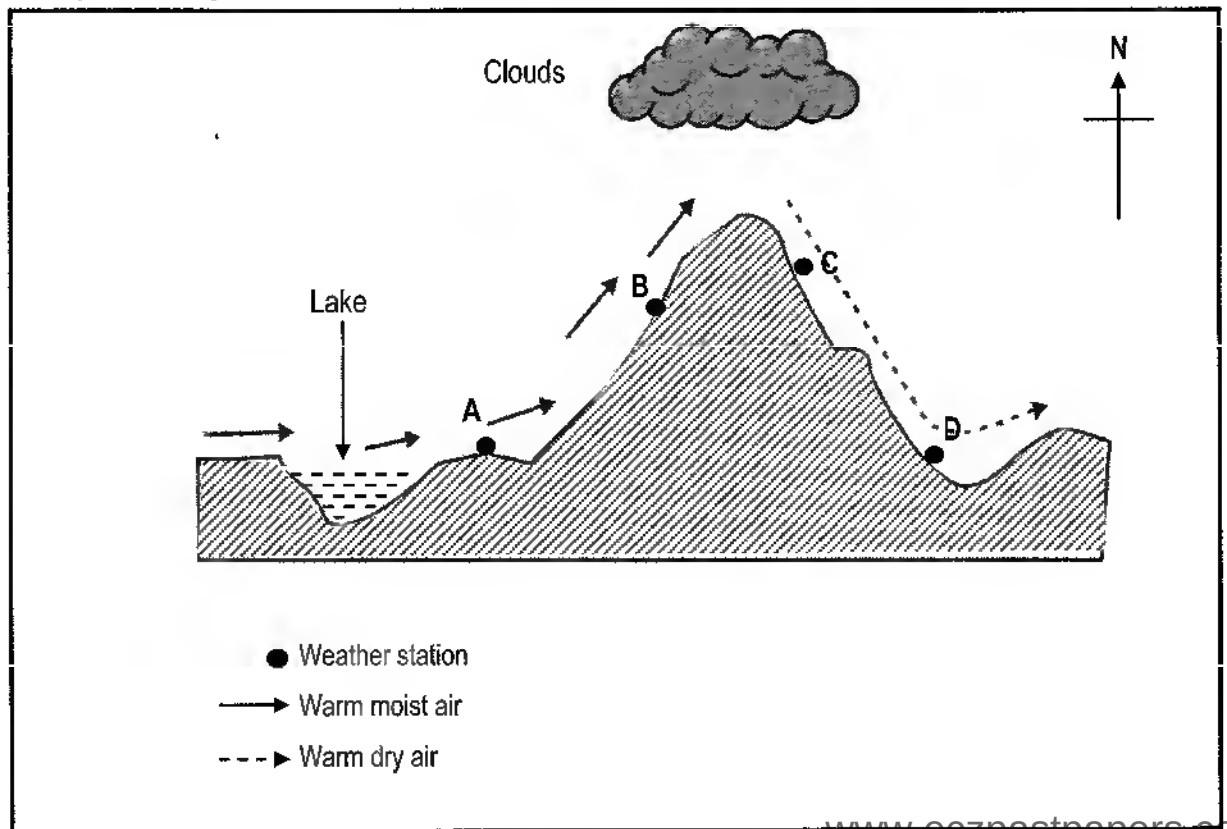
25 What is the weather instrument shown above?

- A An Aneroid Barometer.
- B An Anemometer.
- C A Six's thermometer.
- D A Wind Vane.

26 The unit of measurement of the weather instrument shown in the diagram above is the ...

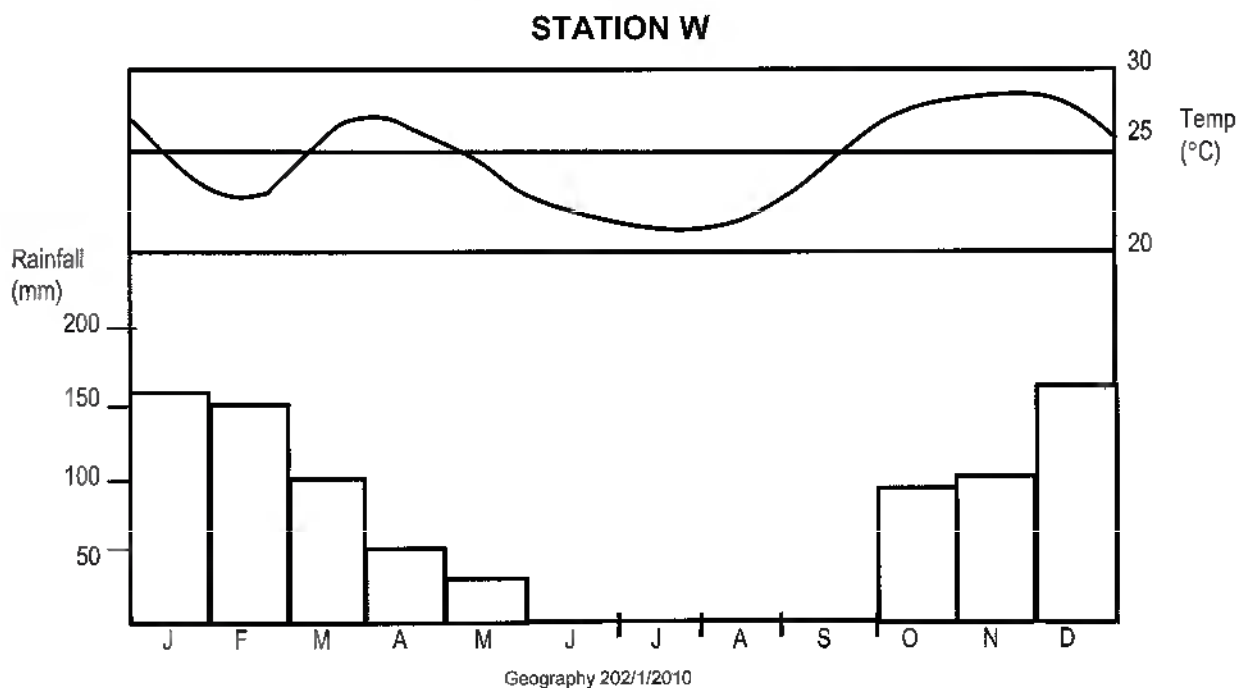
- A Celcius.
- B Centimetre.
- C Millibar.
- D Millimetre.

Study the diagram below and answer question 27.



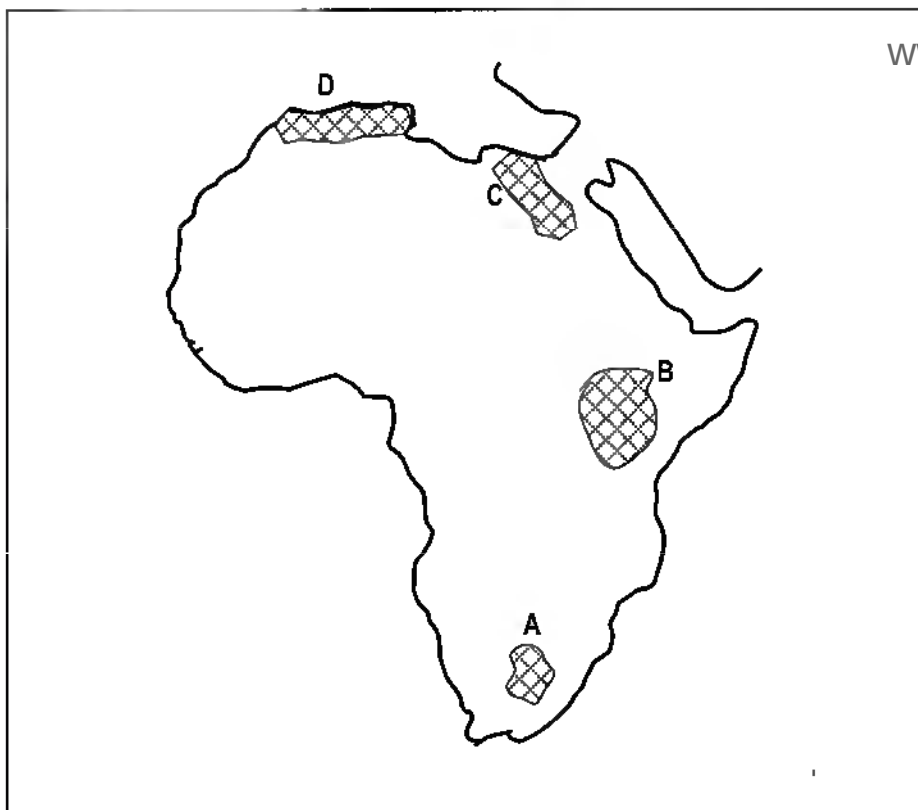
27 Which weather station A, B, C or D is likely to record the highest amount of rainfall?

Study the climatic graph below for station W and answer questions 28, 29 and 30.



- 28 Which one of the following towns is represented by the climatic graph?
- A Cairo
 - B Kano
 - C Kinshasa
 - D Pretoria
- 29 Which one of the following vegetation is associated with the climatic station **W**?
- A Baobab
 - B Date palm
 - C Ebony
 - D Spruce
- 30 Trees at Station **W** adapt to the climate by ...
- A having buttressed roots.
 - B having cone-shaped crowns.
 - C having thin barks.
 - D shedding leaves during the dry season.

Study the map of Africa below and answer question 31.



- 31 Which one of the following areas **A**, **B**, **C** or **D** has population concentrated around mining towns?

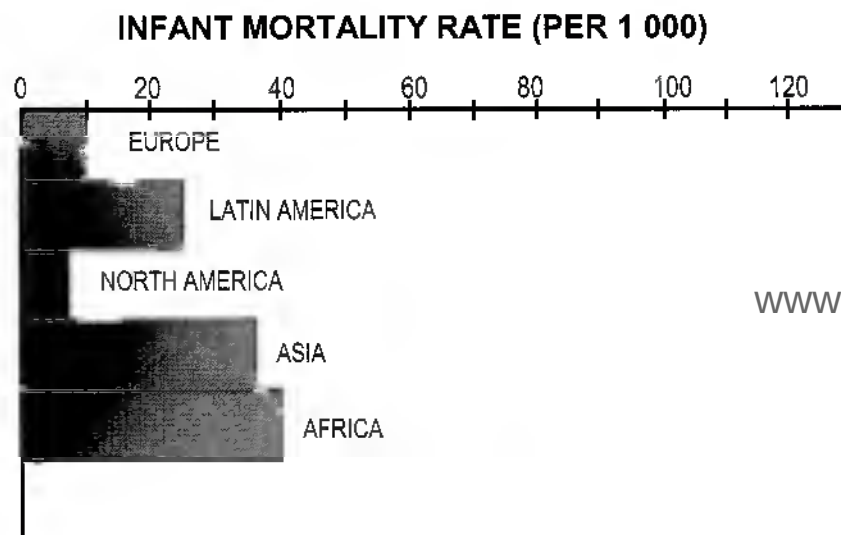
32 Which one of the following birth control methods is mostly used in Africa?

- A Late marriages.
- B Modern contraceptives.
- C Natural family planning.
- D Traditional herbs.

33 One of the effects of rural-urban migration in rural areas is ...

- A increased crime.
- B increased job opportunities.
- C reduced electricity production.
- D reduced food production.

Study the graph below and answer questions 34 and 35.



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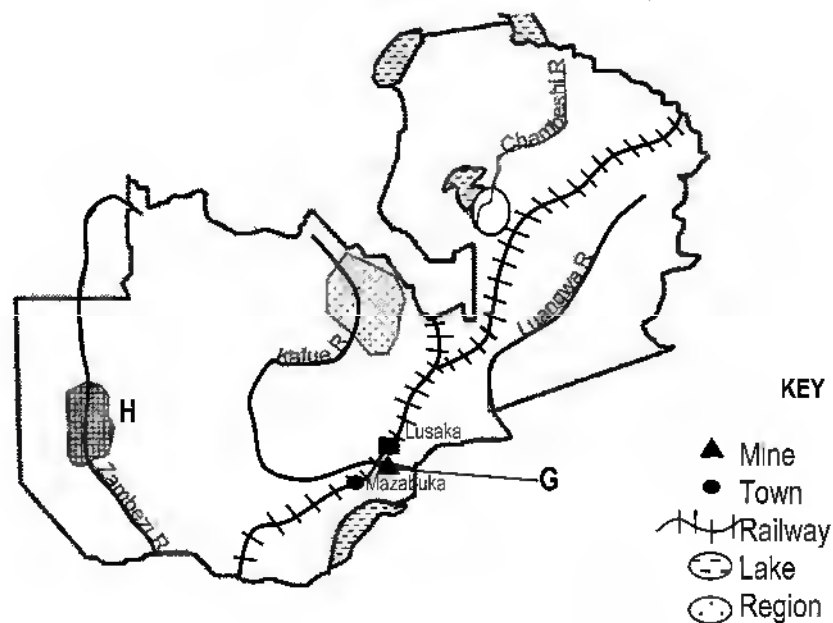
34 Which one of the following continents shown above has the largest infant mortality rate?

- A Africa
- B Asia
- C Europe
- D Latin America

35 Europe and North America have the lowest infant mortality rate because of ...

- A absence of civil war.
- B improved nutrition and medicine.
- C low fertility levels in women.
- D small infant population.

Study the map of Zambia below and answer questions 36, 37 and 38.



- 36 What is the name of the mineral mined at **G** near Mazabuka town?
- A Copper
 - B Limestone
 - C Nickel
 - D Phosphate
- 37 Which one of the following rivers shown on the map finally discharges its water into Atlantic Ocean?
- A Chambeshi
 - B Kafue
 - C Luangwa
 - D Zambezi
- 38 What is the major cash crop grown in area **H**?
- A Millet
 - B Maize
 - C Rice
 - D Wheat
- 39 Which one of the following trees is used as poles for electricity transmission?
- A Eucalyptus
 - B Gmelina
 - C Mubanga
 - D Pine

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Study the table below and answer question 40.

TOWN	LATITUDE	ALTITUDE (Metres)	July Temp °C	January Temp °C	Mean Annual Temp °C	Mean Annual Temp range °C
Mbala	8°46's	1632	17.5	22	19.5	4.5
Livingstone	17° 50's	948	16.2	27.1	22.2	10.9

- 40 Why is the temperature for Mbala higher than that of Livingstone in the month of July?
- A Mbala has more cloud cover.
 - B Mbala is further away from the Indian Ocean.
 - C Mbala is nearer to the equator.
 - D Mbala is on a higher altitude.