



EXAMINATIONS COUNCIL OF ZAMBIA

Examination for School Certificate Ordinary Level



2218/1

Geography

Paper 1

Friday

18 NOVEMBER 2022

~~1:50:00~~ Survey Map is enclosed with this question paper

Additional materials:

Multiple Choice Answer Sheet

Soft pencil (type B or HB is recommended)

Soft eraser

Time: 1 hour 30 minutes

Marks: 50

Instructions to Candidates

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1. Ensure that the **school/centre name** and **subject paper, subject code, paper number, centre code, your examination number** and the **year** are correctly printed and shaded on the **Answer Sheet**.
2. There are **fifty (50)** questions in this paper. Answer **all** the questions.
3. For each question, there are **four** possible answers, **A, B, C** and **D**. Choose the **one** you consider correct and shade your choice using a soft **pencil** on the separate **Answer Sheet**.
4. Read the instructions on the **Answer Sheet** very carefully.

Information for Candidates

1. Each correct answer will score **one** mark. A mark will **not** be deducted for any wrong answer.
2. Cell phones, calculators and other electronic devices are **not allowed** in the examination room.

SECTION A: MAP WORK AND BASIC TECHNIQUES

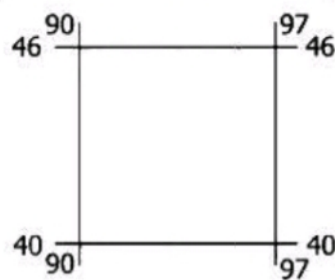
Questions 1 to 12 are based on the 1:50 000 map extract of Zvishavane (Zimbabwe).

- 1** Find the six figure grid reference for a water reservoir north east of Zvishavane.
A 514 959
B 518 964
C 959 514
D 964 518
- 2** Find the distance of Shavi River from grid square **970442** to **010422**.
A 3.9Km
B 4.4km
C 5.9km
D 6.9km
- 3** The height of the trigonometrical station in grid square **0043** is ...
A 1 030.0m.
B 1 076.6m.
C 1 173.0m.
D 1 179.6m.
- 4** What is the bearing of the dip tank in grid square **9645** from the trigonometric station in grid square **9042**?
A 24°
B 66°
C 114°
D 246°
- 5** What is the major economic activity for the town of Zvishavane?
A Farming
B Fishing
C Mining
D Tourism
- 6** What evidence is found on the map to show that Pastoralism is practised? The presence of ...
A dams.
B dip tanks.
C rivers.
D vegetation.
- 7** According to map evidence, the dominant vegetation in Zvishavane is ...
A dense bush.
B medium bush.
C plantation.
D sparse bush.

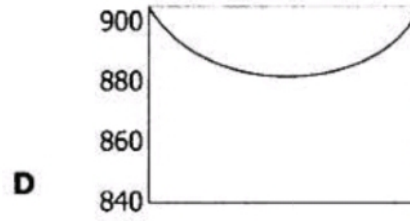
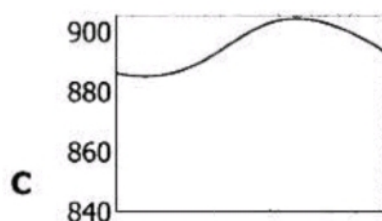
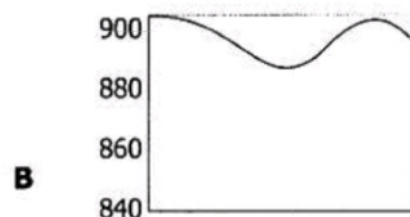
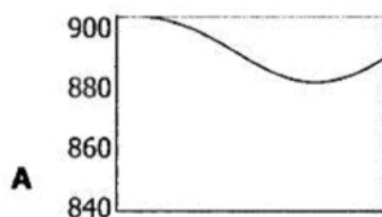
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- 8 The dominant settlement pattern in the town of Zvishavane is ...
- A cluster.
 - B dispersed.
 - C Linear.
 - D random.
- 9 According to the map evidence, which one of the following social service is **not** provided in Zvishavane town?
- A Education
 - B Health
 - C Recreation
 - D Trade

Study the following map extract and answer question 10.



- 10 The general relief of the map extract is ...
- A flat land.
 - B hilly land.
 - C low land.
 - D swampy land.
- 11 The drainage pattern of the Shavi River and its tributaries is ...
- A braided.
 - B radial.
 - C rectangular.
 - D trellised.
- 12 Which one of the following diagram shows the cross section of the land between a dip tank in grid **9642** and the mine dump in grid **9944**?

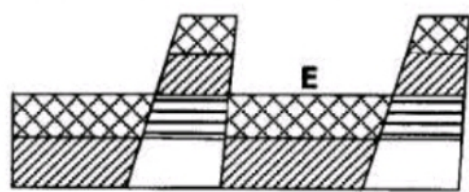


SECTION B: ELEMENTS OF PHYSICAL GEOGRAPHY

- 13** Which one of the following planets is the hottest and similar in size to planet Earth?
- A** Mars
 - B** Neptune
 - C** Saturn
 - D** Venus
- 14** The sun is directly overhead on the Equator each year on ...
- A** 21 June and 22 December.
 - B** 21 March and 21 June.
 - C** 21 March and 23 September.
 - D** 23 September and 22 December.
- 15** What would be the local time on a ship at longitude **75°W** when it is 11 00 hours in London (**0°**)?
- A** 05 00 hours
 - B** 06 00 hours
 - C** 15 00 hours
 - D** 16 00 hours
- 16** Internal Earth's movements operating along horizontal planes moving away from each other are known as ...
- A** compression forces.
 - B** external forces.
 - C** tension forces.
 - D** vertical movements.

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Study the following diagram and answer question 17.

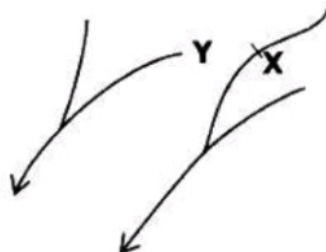


- 17** The feature marked **E** is a ...
- A** fault.
 - B** fold.
 - C** graben.
 - D** horst.
- 18** Chemical weathering is more common ...
- A** in arid areas.
 - B** in humid tropical regions.
 - C** within the Arctic Circle.
 - D** where winds are dust laden.

19 The overriding portion of the thrust fold is called ...

- A graben.
- B horst.
- C nappe.
- D syncline.

Study the following diagram and answer question 20.



20 Which of the following features are represented by letters X and Y?

- | | X | Y |
|---|------------------|------------------|
| A | Elbow of capture | Wind gap |
| B | Misfit | Elbow of capture |
| C | Pirated stream | Wind gap |
| D | Wind gap | Misfit |

21 Which of the following is a result of tensional movements?

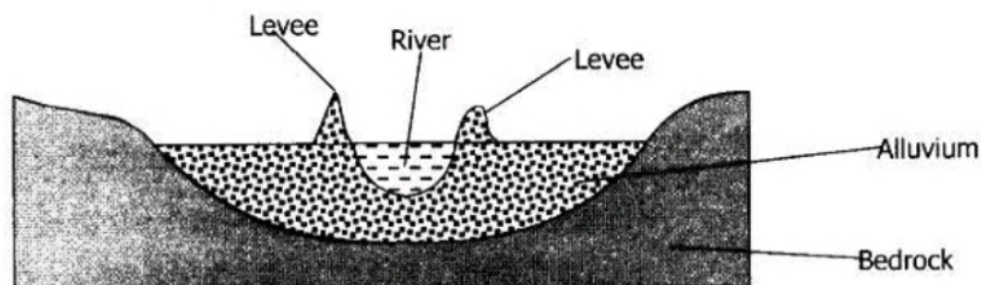
- A Dyke
- B Horst
- C Sill
- D Spur

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22 Mountains of accumulation are also called ...

- A block mountains.
- B mountains of elevation.
- C residual mountains.
- D volcanic mountains.

Study the following diagram and answer question 23.



23 At which stage of the river is the feature above found?

- A Delta
- B Mountain course
- C Plain course
- D Valley course

Study the following climatic table and answer questions 24 and 25.

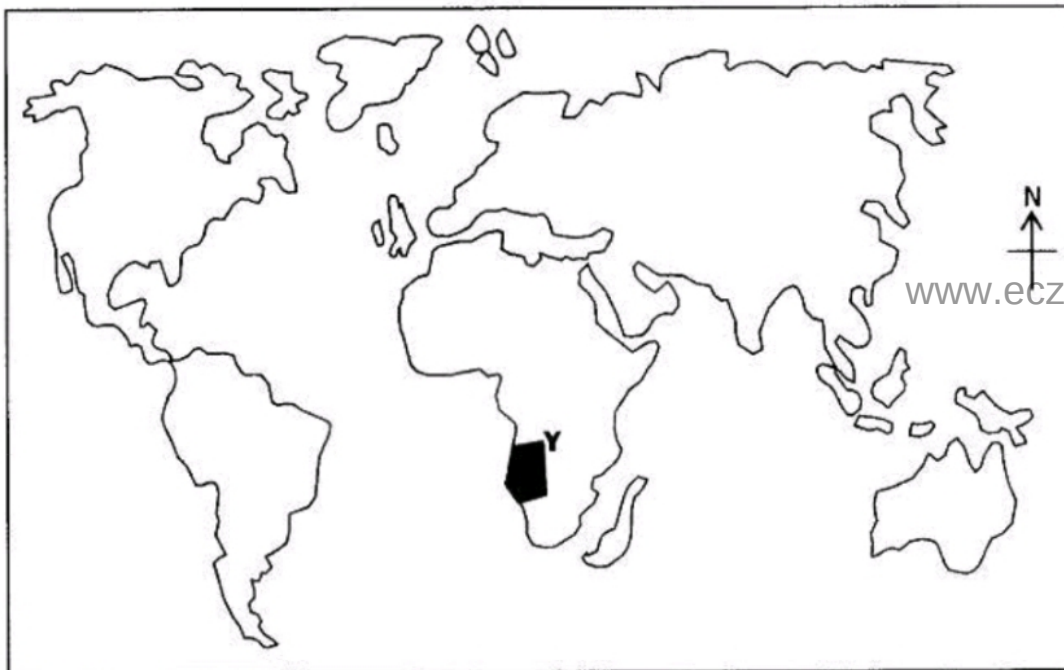
Month	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Tem (°C)	25	23	24	22	20	10	12	20	24	29	28	27
Rain (mm)	04	06	07	09	11	13	16	15	12	10	06	03

- 24** What type of climate is represented by the recordings from the table?
- A** Equatorial
 - B** Mediterranean
 - C** Savannah
 - D** Tropical monsoon
- 25** Which one of the following towns experiences the type of climate referred to in **question 24**?
- A** Cape town
 - B** Gaborone
 - C** Khartoum
 - D** Kinshasa
- 26** The Horse latitude is located between ...
- A** 30° N and 30° S.
 - B** 40° N and 40° S.
 - C** 50° N and 50° S.
 - D** 60° N and 60° S.
- 27** In which of the following climatic regions are typhoons likely to occur?
- A** Antarctic region
 - B** Arctic region
 - C** High pressure region
 - D** Low pressure region
- 28** Why are the windward slopes of coastal mountains wetter than the leeward slopes? This is because ...
- A** descending winds are warm.
 - B** the sea is warmer than the land.
 - C** the winds have to rise to cross them.
 - D** they are nearer the sea.

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- 29** Which of the following factors does **not** determine the amount of heat received in any part of the earth's surface?
- A** Distance from the sea
 - B** Latitude
 - C** Longitude
 - D** Relief
- 30** What happens when prevailing winds blow parallel to the coast?
- A** Floods are usually experienced.
 - B** Heavy rainfall is received.
 - C** Little or no rainfall is received.
 - D** Snowfall is experienced.

Study the world map and answer questions 31 and 32.



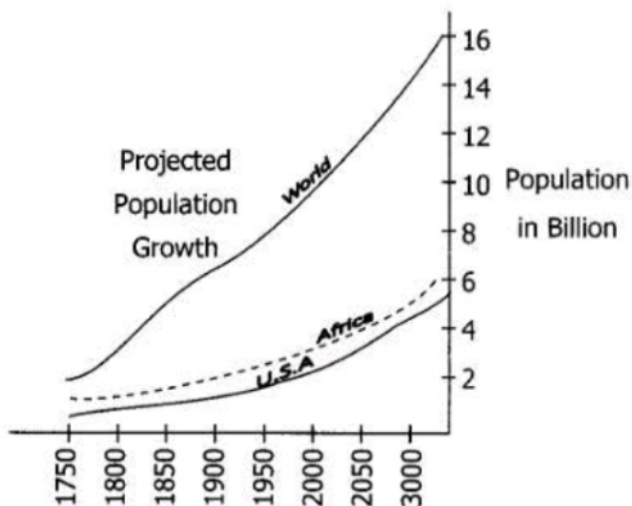
- 31** The area marked **Y** experiences ... climate.
- A** Hot desert
 - B** Mediterranean
 - C** Savanna
 - D** Tropical Monsoon
- 32** Which of the following plant species are found in area **Y**?
- A** Baobab and Acacias
 - B** Cacti and Thorn bushes
 - C** Lichens and Mosses
 - D** Pine and Cedar

SECTION C: ELEMENTS OF WORLD HUMAN GEOGRAPHY

- 33** The area along the Nile Valley is densely populated because of ...
- A** presence of ancient sites for tourism.
 - B** good transport network.
 - C** fertile soils.
 - D** adequate rainfall.
- 34** Which of the following is the best way of controlling the population?
- A** Eliminating unwanted pregnancies
 - B** Enhancing family planning
 - C** Improving health care
 - D** Increasing food production
- 35** A situation where the available resources match the population of an area is called ...
- A** maximum population.
 - B** optimum population.
 - C** over population.
 - D** under population.
- 36** The rate of natural increase of population is best defined as the crude ...
- A** birth rate minus the crude death rate.
 - B** birth rate minus the fertility rate.
 - C** death rate divided by the crude death rate.
 - D** death rate divided by the fertility rate.

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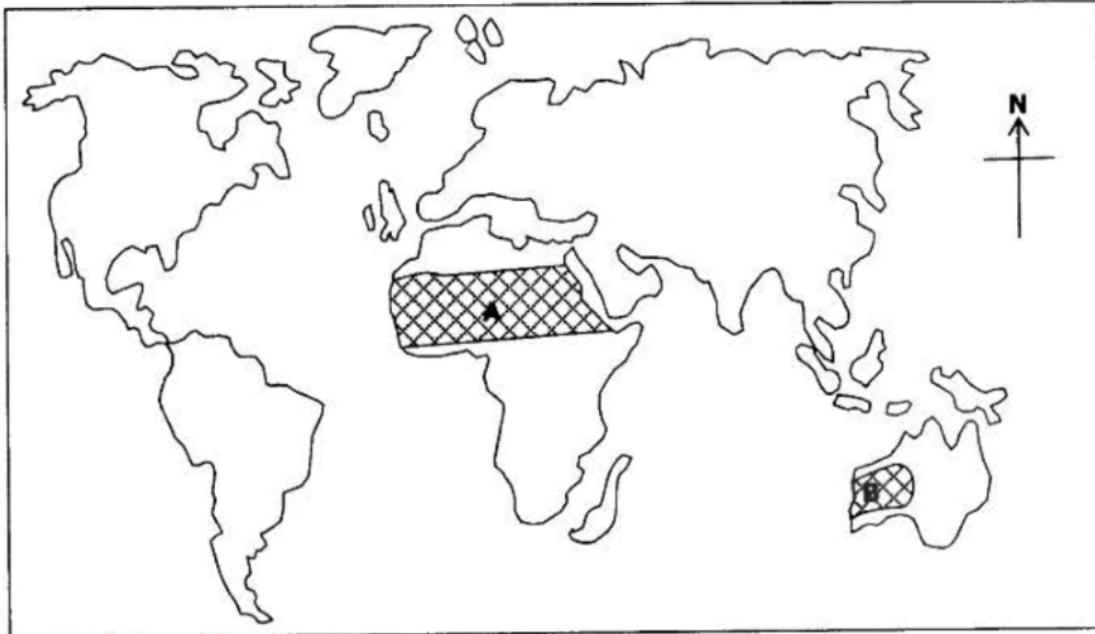
Study the graph showing population projection and answer question 37.



- 37** The projected world population in 2075 is ...
- A** 11.8.
 - B** 12.5.
 - C** 12.9.
 - D** 13.1.

- 38** In which of the following continents is rural over-population common?
- A** Africa
 - B** Asia
 - C** Europe
 - D** North America

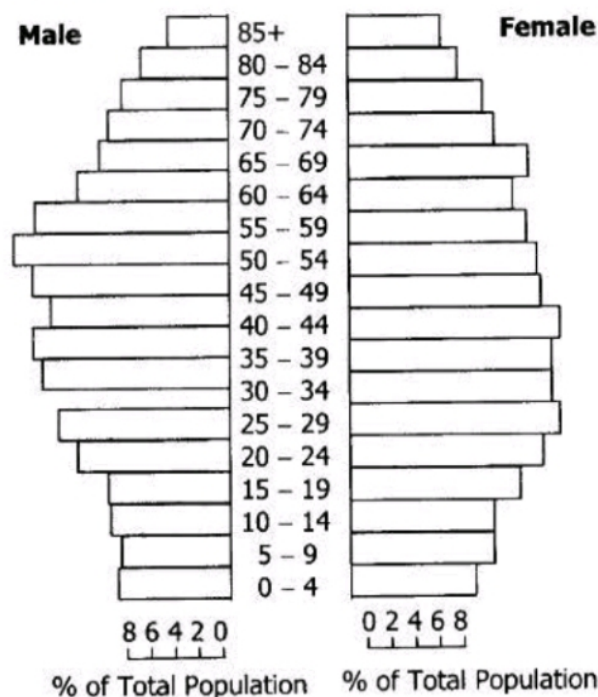
Study the following map and answer question 39.



- 39** Which is the main reason why areas marked **A** and **B** are sparsely populated? They are ...
- A** covered with ice.
 - B** dry and infertile.
 - C** government protected areas.
 - D** mountainous.

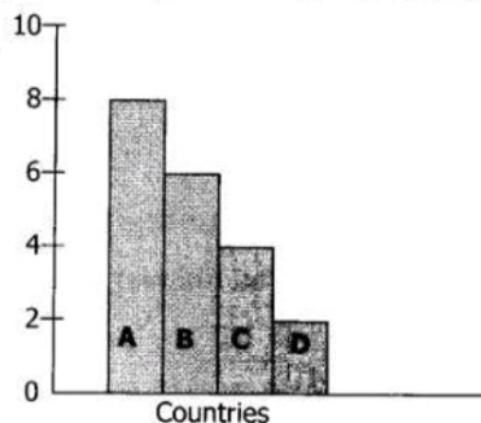
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Study the following population pyramid and answer question 40.



- 40 The population pyramid represents ...
- A a growing population.
 - B a medium population.
 - C an old population.
 - D a young population.
- 41 The largest producer of tea is ...
- A China.
 - B India.
 - C Japan.
 - D Sri Lanka.
- 42 The following are economic factors influencing agriculture **except** ...
- A labour.
 - B market.
 - C soil.
 - D transport.

Study the following bar graph showing four major countries that produce wheat.

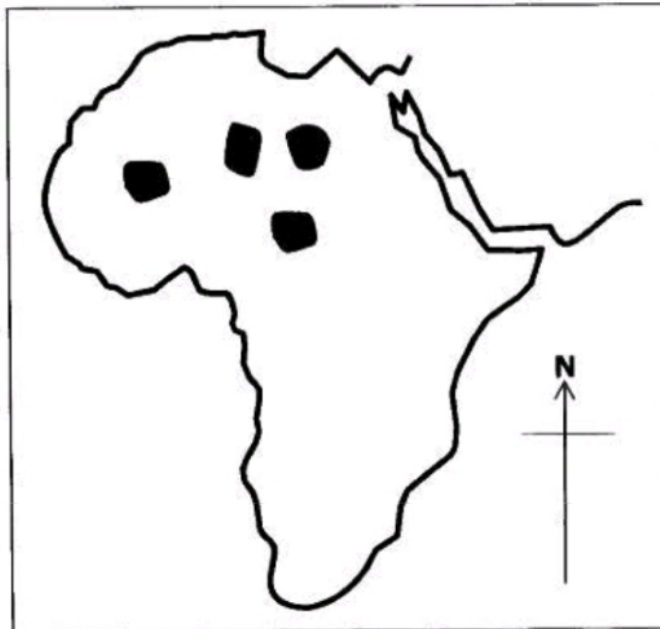


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- 43 Which country is represented by the letter **D**?
- A Argentina
 - B China
 - C Italy
 - D United States of America
- 44 The following crops are legumes **except** ...
- A beans.
 - B groundnuts.
 - C sunhemp.
 - D wheat.

- 45** Which one of following crops is **not** a raw material?
- A** Coffee
 - B** Oil Palm
 - C** Rubber
 - D** Timber

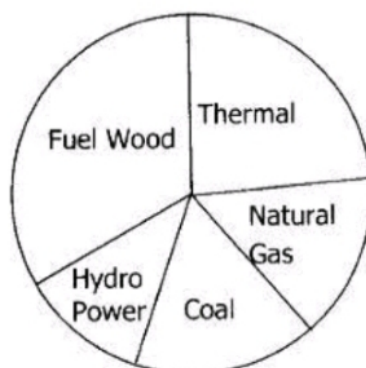
Study the map of Africa and answer question 46.



- 46** Name the major crop grown in the shaded areas above.
- A** Barley
 - B** Dates
 - C** Oats
 - D** Vines

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Study the pie chart that shows the energy consumption by energy type and answer question 47.



- 47** Which one of the continents is represented in the pie chart above?
- A** Africa
 - B** Asia
 - C** North America
 - D** South America

- 48** The term 'mineral oil' refers to ...
- A** coal.
 - B** diesel.
 - C** petroleum.
 - D** natural gas.
- 49** Which of the following statements is true about renewable energy?
- A** Burning of fuel wood, natural gas and coal
 - B** Combustion of nuclear energy
 - C** The use of hydro-electricity, solar energy and bio-gas
 - D** The use of coal and oil
- 50** Which one of the following countries accounts for the **least** world's total production of coal?
- A** Brazil
 - B** Canada
 - C** China
 - D** Japan

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