



61007726



EXAMINATIONS COUNCIL OF ZAMBIA

Examination for School Certificate Ordinary Level

Geography

Paper 1

Monday

25 NOVEMBER 2019

2218/1

1:50 000 Survey Map is enclosed with this question paper

Additional materials:

Multiple Choice answer card

Soft pencil (type B or HB is recommended)

Time 1 hour 30 minutes

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Instructions to Candidates

- 1 Do not open this question paper until you are told to do so.
- 2 Ensure that your name, centre number and **candidate number** have been correctly written on the **Answer Card** provided.
- 3 There are **fifty (50)** questions in this paper. Answer **all** the questions. For each question, there are **four** possible answers, **A, B, C** and **D**. Choose the **one** you consider correct and shade your choice in clear pencil on the separate Answer Card.
- 4 Read the instructions very carefully on the answer card provided.

Information for Candidates

- 1 Each correct answer will score **one** mark. A mark will **not** be deducted for any wrong answer.
- 2 **Cell phones and calculators 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 Glendale (Zimbabwe).

- 1 Find the six figure grid reference of the spot height 1126 South of Glendale staff quarters.
A 801 959
B 819 962
C 959 801
D 951 809
- 2 What is the vertical interval of the map of Glendale?
A 10 metres
B 20 metres
C 30 metres
D 40 metres
- 3 Name the hill that is on the South Eastern part of Glendale.
A Clifton
B Domboshawa
C Kasipa
D Virginia South
- 4 What is the bearing of Kilmer in grid square 9083 from the school in grid square 9479?
A 42°
B 130°
C 230°
D 318°
- 5 What is the general description of the relief at Glendale?
A Flat
B Gentle
C Hilly
D Plateau
- 6 What is the distance of the road from the Dip Tank at footbridge in grid square 9183 to the T-junction in grid square 9381?
A 2.0km
B 2.5km
C 3.1km
D 3.5km

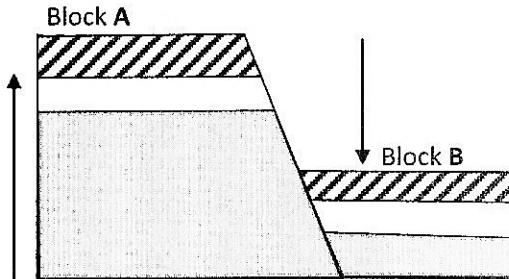
- 7** The height of the trigonometrical station in grid square 9874 is ...
A 1156 metres.
B 1218 metres.
C 1614.1 metres.
D 1620.1 metres.
- 8** What type of vegetation is predominant in the South West Corner of the map of Glendale?
A Medium bush
B Open grassland
C Sparse bush
D Very dense bush
- 9** According to the map evidence, what social services are offered by Glendale Town?
A Burial site, health and market
B Education, health and recreation
C Education, health and security
D Market, health and recreation
- 10** According to the map evidence, what is the settlement pattern for Glendale Town?
A Dispersed
B Linear
C Nucleated
D Random
- 11** Identify the physical feature in grid square 9385.
A Confluence
B Distributary
C Lake
D Swamp
- 12** According to the map evidence, what is the major economic activity of Glendale?
A Agriculture
B Fishing
C Lumbering
D Manufacturing

SECTION B: ELEMENTS OF PHYSICAL GEOGRAPHY

- 13** During the under 20 World Cup soccer Competition in South Korean Republic (120°E) a match between England and Zambia commenced at 15:00 hours. What was the time in Zambia (30°E) when the match commenced?
- A** 06:00 hours
B 07:00 hours
C 08:00 hours
D 09:00 hours
- 14** What is the approximate straight line distance between Cairo (30°N) and Bulawayo (20°S)?
- A** 600km
B 1,600km
C 3,300km
D 5,550km
- 15** The permanent tilt of the earth's axis and revolution of the earth in its orbit together cause ...
- A** day and night.
B deflection of the wind.
C difference in times between places on different meridians.
D varying lengths of the day and night at different times of the year.

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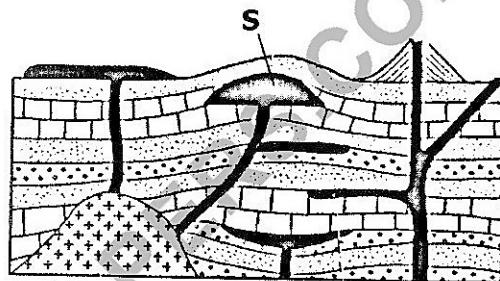
Study the diagram below and answer question 16.



- 16** The feature above is most likely to have been caused by ...
- A** erosion.
B faulting.
C folding.
D jointing.

- 17 Which of the following types of weathering is common in Temperate Regions and in high mountains?
- A Exfoliation
 - B Frost action
 - C Hydration
 - D Oxidation

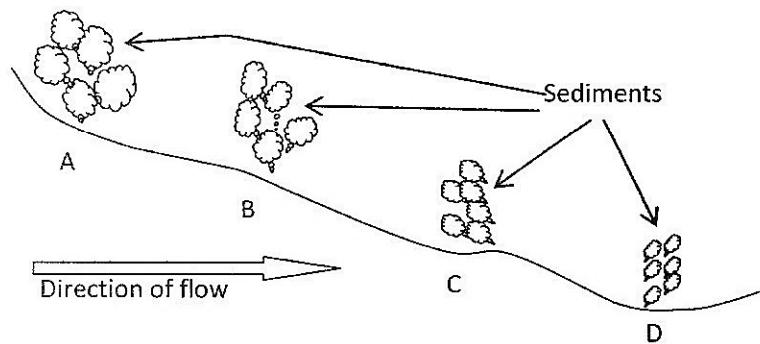
Study the diagram below and answer question 18.



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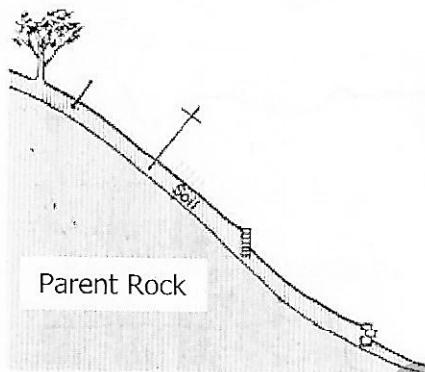
- 18 The feature labelled **S** is ...
- A batholith.
 - B dyke.
 - C laccolith.
 - D phacolith.

Study the diagram below and answer question 19.



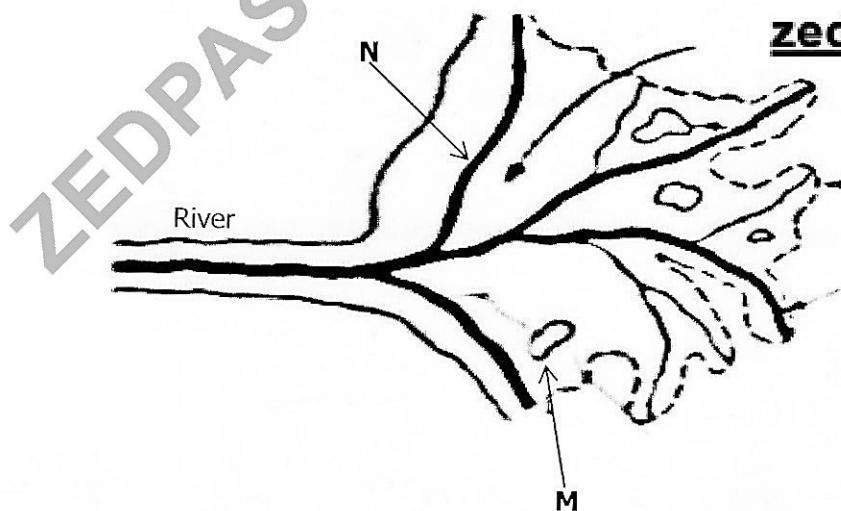
- 19 Which of the points **A**, **B**, **C** or **D** represents the plain course of a river?

Study the diagram below and answer question 20.



- 20 What type of mass movement is shown in the diagram above?
- A Landslide
 - B Mudflow
 - C Rock fall
 - D Soil creep

Study the diagram below and answer question 21.

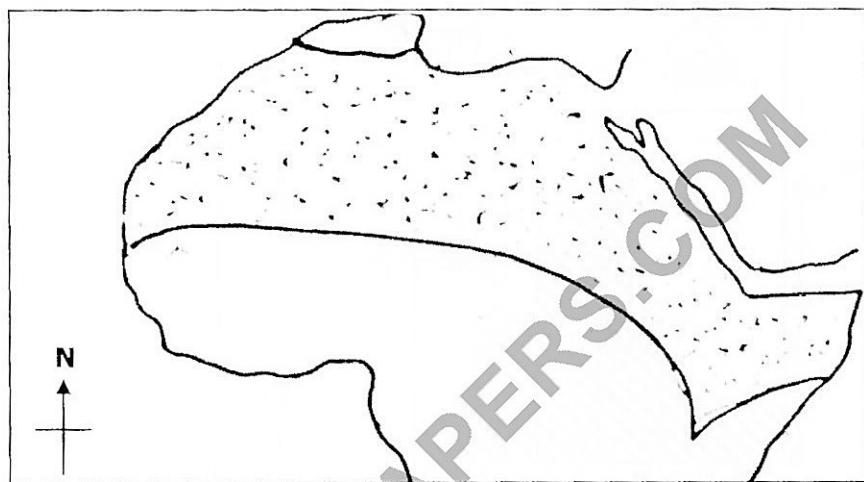


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- 21 What river features are represented by **M** and **N**?

- | | M | N |
|----------|-------------|--------------|
| A | Estuary | Lagoon |
| B | Estuary | Ox-bow lake |
| C | Lagoon | Distributary |
| D | Ox-bow lake | Distributary |

Study the map below and answer question 22.

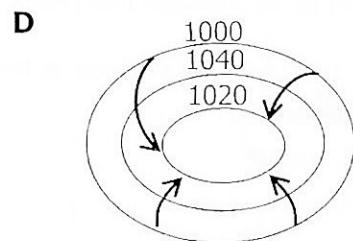
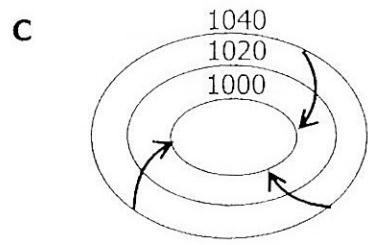
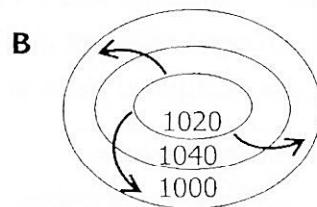
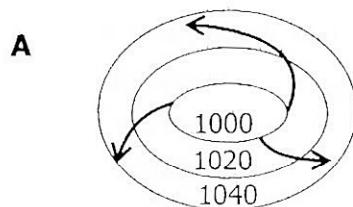


22 What environmental hazard has affected the shaded area?

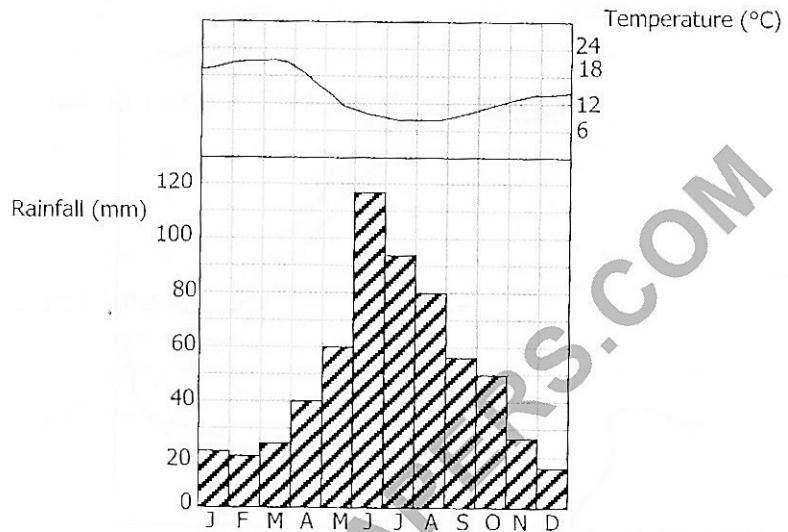
- A Acidic rain
- B Drought
- C Floods
- D Tropical storms

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23 Which one of the following represents a cyclone in the Southern Hemisphere?



Study the climatic chart below and answer questions 24 and 25.



- 24 Which statement is correct about the climatic data above? It...
- A has relatively high temperature in summer.
 - B has relatively uniform temperature throughout the year.
 - C has very high rainfall throughout the year.
 - D most of the rains are received in summer.
- 25 What vegetation type best suits the climatic data being presented?
- A Evergreen forests, palm trees and deciduous trees
 - B Evergreen oak, pine and wiry grass
 - C Scrub, drought resistant and cacti
 - D Tall grass, scattered trees and thorny bushes
- 26 The earth's atmosphere gets ...
- A thicker as altitude increases.
 - B thicker as latitude decrease.
 - C thinner as altitude decreases.
 - D thinner as altitude increases.
- 27 Which of the following regions is the **poorest** in biodiversity?
- A Equatorial
 - B Hot deserts
 - C Mediterranean
 - D Savanna

SECTION C: ELEMENTS OF WORLD HUMAN GEOGRAPHY

- 33 How can traffic congestion be reduced in large cities?
- A Constructing by pass routes
 - B Creating single lanes
 - C Encouraging use of private vehicles
 - D Impounding over speeding vehicles
- 34 Which **one** of the following is **not** a push factor in the rural-urban migration process?
- A Decrease in the standard of living
 - B High dependency ratio
 - C High gross national product per capital income
 - D Low levels of national development

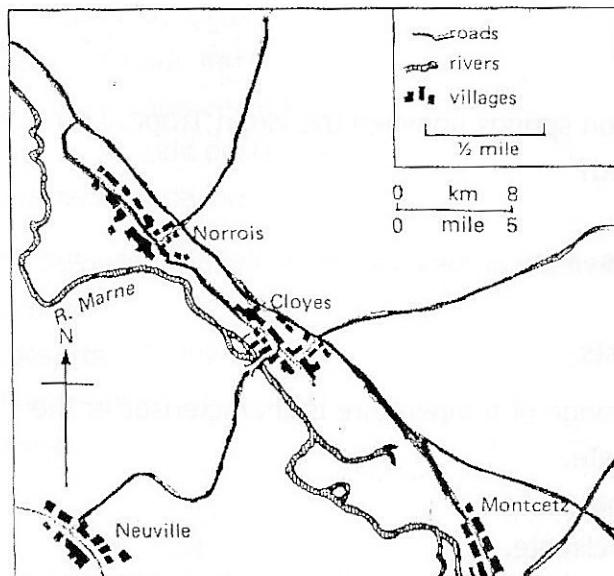
Study the table below and answer question 35.

County	Birth rate per 1000	Death rate per 1000
Z	13	12
Y	16	09
X	50	16
W	54	12

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- 35 Which **one** of the following is correct about the table above?
- A Country **W** is Zimbabwe while **Y** is Nigeria
 - B Country **X** is Nigeria while **Z** is United Kingdom
 - C Country **Y** is Zimbabwe while **X** is Nigeria
 - D Country **Z** is the United States of America while **Y** is Zimbabwe

Study the diagram below and answer question 36.



- 36** What type of settlement is shown above?
- A** dispersed
B isolated
C linear
D nucleated
- 37** Towns tend to grow and expand towards each other till they eventually merge. This is called ...
- A** confluence town.
B conurbation.
C nodal town.
D satellite town.
- 38** Which **one** of the following countries has the highest fertility rate?
- A** Egypt
B Germany
C Italy
D United States of America
- 39** Which **one** of the following is **not** a characteristic of plantation farming?
- A** It is capital intensive.
B It is generally a monoculture crop.
C It is not highly mechanised.
D It occupies large areas of land.
- 40** Dairy farming is usually practised near large city areas because ...
- A** dairy products are perishable.
B grass is greener in urban areas.
C only urban areas are suitable for dairy animals.
D rural dwellers do not consume dairy products.
- 41** Which of the following crops are grown under shifting cultivation?
- A** Barley and millet
B Cassava and maize
C Sorghum and rice
D Wheat and ground nuts
- 42** Which one of the following describes extensive farming?
- A** Highly mechanised
B High use of draught power
C High use of human labour
D High yield per hectare
- 43** Which one of the following is a geographical requirement for the successful growth of maize?
- A** Average rainfall of 650mm – 1000mm
B Average temperature of above 16°C
C Rich alluvial soils with an impoverished sub-soil
D Thick clay soil on gentle slope

- 44 A geologist prospecting and surveying for oil would most likely consider ...
- A gently folded anticline strata.
 - B zones of igneous rocks.
 - C zones of impervious rocks.
 - D zones of metamorphic rocks.
- 45 For successful Hydro Electric Power development, the following factors are essential **except** ...
- A convenient transport.
 - B large domestic market.
 - C sufficient volume of water.
 - D steep gradient.
- 46 The highest potential which Africa has on solar production is based on the abundance of ...
- A forests.
 - B minerals.
 - C cloud cover.
 - D sunshine.
- 47 Which among the following countries is a major importer of coal?
- A China
 - B India
 - C Japan
 - D Malaysia
- 48 What type of energy produced by human and animal waste is used for lighting, cooking and generating electricity?
- A Biogas
 - B Ethanol
 - C Methane
 - D Petroleum
- 49 Which **one** of the following is **not** a fossil fuel?
- A Biomass
 - B Coal
 - C Petroleum
 - D Uranium
- 50 What type of energy has propelled the success in manufacturing of valuable machinery, electrical appliances in Switzerland?
- A Hydro-electric power
 - B Thermal power
 - C Nuclear power
 - D Geothermal power