



EXAMINATIONS COUNCIL OF ZAMBIA

Examination for School Certificate Ordinary Level

Geography

2218/1

Paper 1

Monday

25 NOVEMBER 2019

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

Instructions to Candidates

www.eczpastpapers.com

- 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

www.eczpastpapers.com

- 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

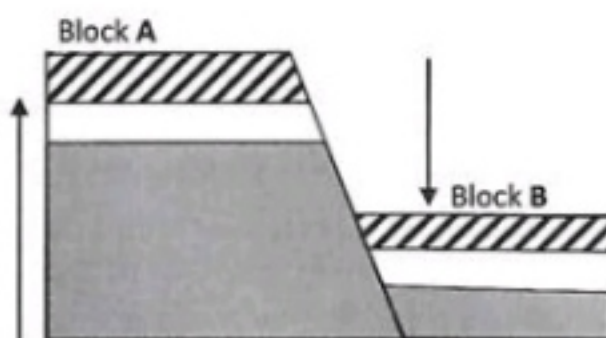
www.eczpastpapers.com

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.

www.eczpastpapers.com

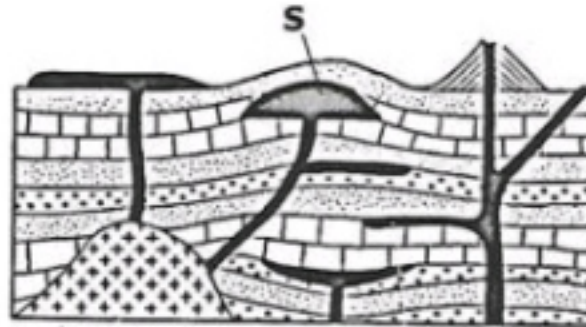
Study the diagram below and answer question 16.



- 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

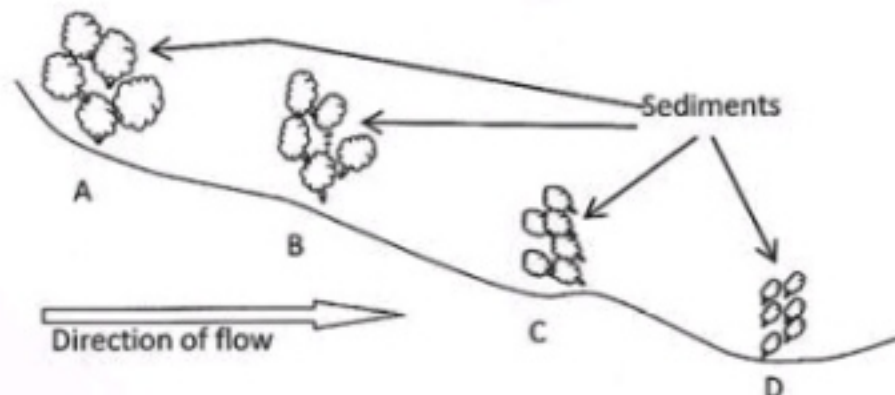
Study the diagram below and answer question 18.



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

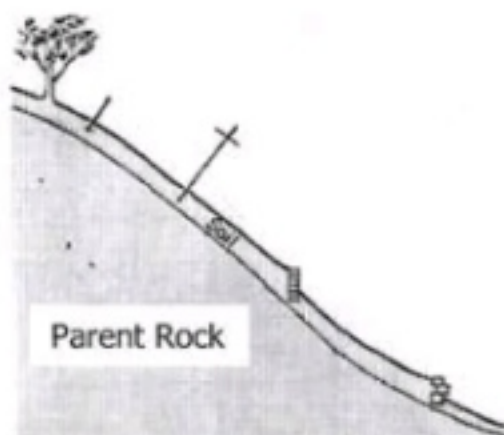
www.eczpastpapers.com

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

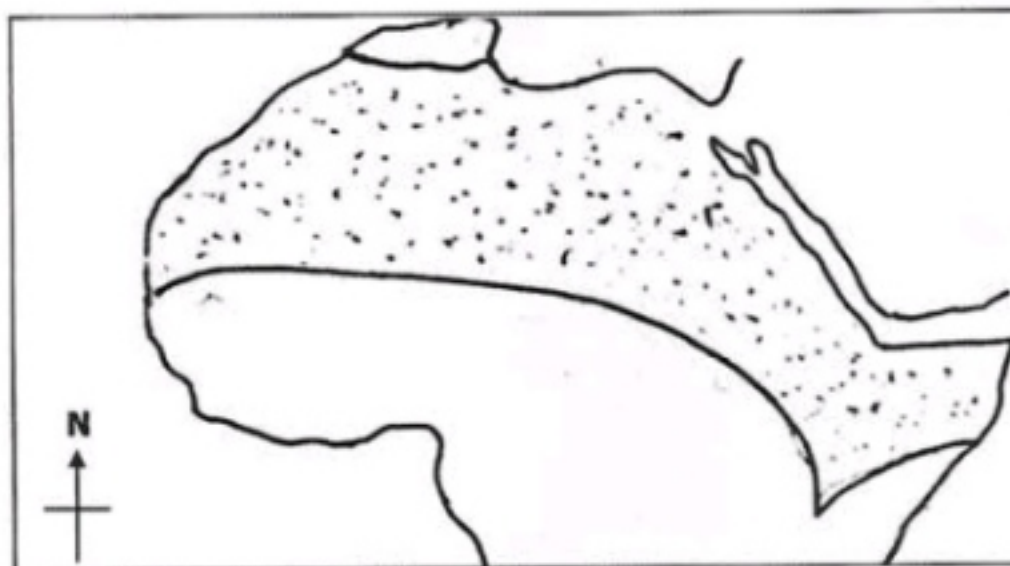
Study the diagram below and answer question 21.



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.

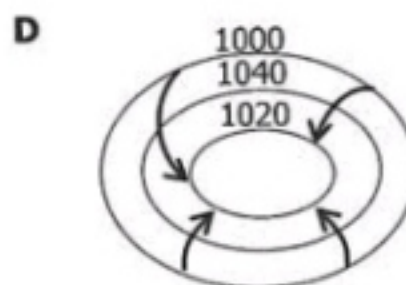
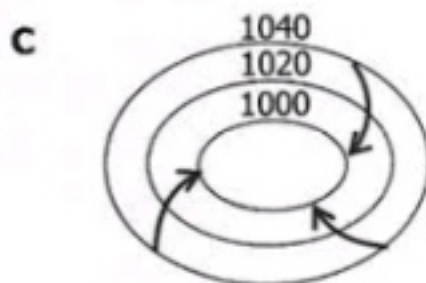
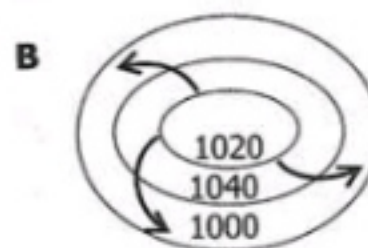
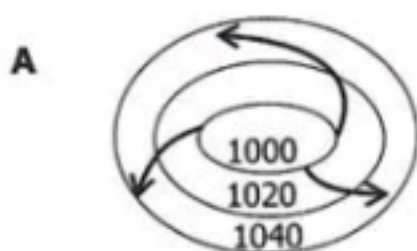


22 What environmental hazard has affected the shaded area?

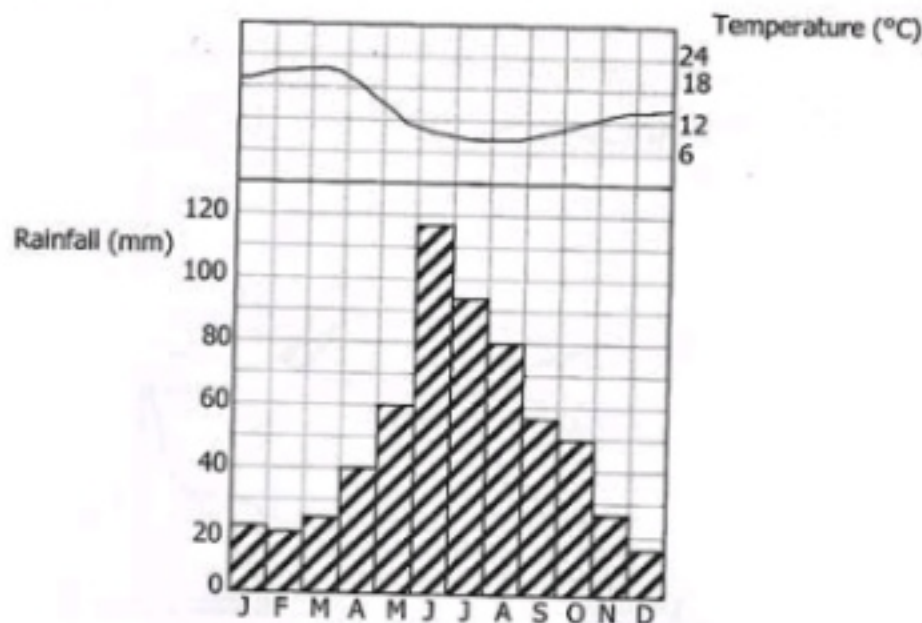
- A** Acidic rain
- B** Drought
- C** Floods
- D** Tropical storms

www.eczpastpapers.com

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

Study the map below and answer questions 28 and 29.



- 28 Which of the following areas **A**, **B**, **C** or **D** experiences **less** rainfall?
- 29 Which of the following is the characteristic of the vegetation in area **C**?
- A** It is drought resistant
 - B** Many plants have thick stems
 - C** Trees grow in pure stands
 - D** Trees grow very tall
- 30 The term hydrophytic is associated with the ...Climate.
- A** Equatorial
 - B** Hot desert
 - C** Mediterranean
 - D** Savanna
- 31 What type of vegetation springs up when the virgin Tropical Rainforest have been cleared and abandoned?
- A** Creepers
 - B** Evergreen trees
 - C** Lianas
 - D** Mangrove forests
- 32 The extreme diurnal range of temperature is characteristic of the ...
- A** Equatorial climate.
 - B** Hot desert climate.
 - C** Mediterranean climate.
 - D** Sudan climate.

www.eczpastpapers.com

SECTION C: ELEMENTS OF WORLD HUMAN GEOGRAPHY

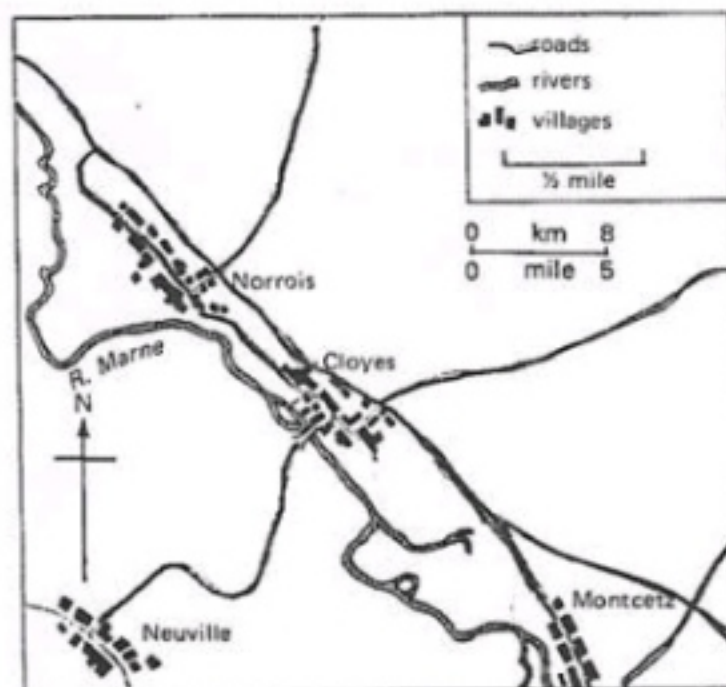
- 33** How can traffic congestion be reduced in large cities?
- A** Constructing by pass routes
 - B** Creating single lanes
 - C** Encouraging use of private vehicles
 - D** Impounding over speeding vehicles
- 34** Which **one** of the following is **not** a push factor in the rural-urban migration 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

- 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

www.eczpastpapers.com

- 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

