

**EXAMINATIONS COUNCIL OF ZAMBIA**

**Examination for General Certificate of Education Ordinary Level**

**Geography**  
**Paper 1 Multiple Choice**

**2218/1**

**Thursday**

**7 JULY 2016**

**1:25.000 Survey Map is enclosed with this question paper.**

**Additional materials:**

**Multiple Choice answer sheet**

**Soft pencil (type B or HB is recommended)**

**Time 1 hour 30 minutes**

**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 Sheet 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 Sheet.**
- 4 Read very carefully the instructions on the answer sheet provided.**

**Information for Candidates**

- 1 Each correct answer will score one mark. A mark will not be deducted for a wrong answer.**
- 2 Cell phones and calculators are not allowed in the examination room.**

**Section A**

**Mapwork and Basic Techniques**

**Questions 1 to 12 are based on the 1:25 000 map of Mauritius.**

- 1** What is the six figure grid reference of the Post Office north of Bell Village?

  - A** 033956
  - B** 046963
  - C** 956034
  - D** 963046
  
- 2** What is the drainage pattern in grid square 9700?

  - A** Dendritic
  - B** Radial
  - C** Trellised
  - D** Tributary
  
- 3** What is the bearing of the school in grid square 9802 from Pagoda in grid square 9702?

  - A** 90°
  - B** 100°
  - C** 225°
  - D** 315°
  
- 4** The approximate height of the Race course in the grid square 9803 is ...

  - A** 20m.
  - B** 30m.
  - C** 40m.
  - D** 50m.
  
- 5** What is the distance of the Motor way from the Bridge in grid square 9503 to the other Bridge in grid square 9705?

  - A** 2900m
  - B** 3000m
  - C** 3300m
  - D** 4000m
  
- 6** The area North East of Port Louis is generally ...

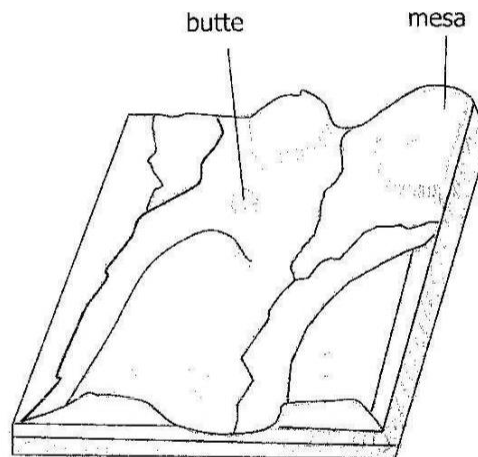
  - A** low lying.
  - B** mountainous.
  - C** plateau.
  - D** water logged.

- 7 The type of settlement in Port Louis is ...
- A block.
  - B dispersed.
  - C linear.
  - D nuclear.
- 8 According to the map evidence, which one of the following service is **not** offered in grid square 9703?
- A Education
  - B Health
  - C Postal Services
  - D Transport
- 9 The Vertical Interval of the map is ...
- A 10m.
  - B 20m.
  - C 30m.
  - D 40m.
- 10 Les Guibies in grid square 9600 is a producer of ...
- A maize.
  - B sugar cane.
  - C tea.
  - D wood.
- 11 The major vegetation type found in grid square 9701 is ...
- A forest.
  - B scattered trees.
  - C scrub.
  - D sparse bush.
- 12 What economic activity is **not** practised at Port Louis ?
- A Agriculture.
  - B Lumbering.
  - C Mining.
  - D Tourism.

Section B

Elements of Physical Geography

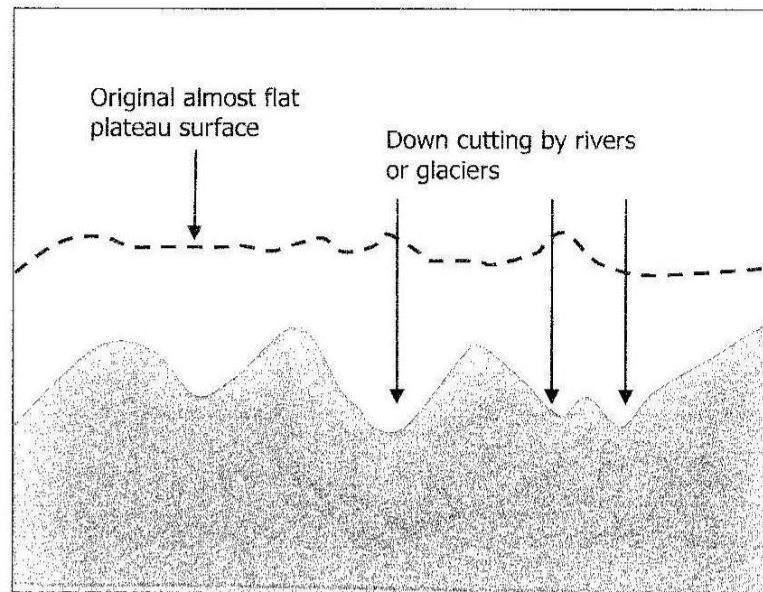
- 13 Find the distance in Km between Lusaka ( $15^{\circ}\text{S}$ ) in Zambia and Khartoum ( $15^{\circ}\text{N}$ ) in Sudan in a straight line.
- A 2226.0km
  - B 3339.0km
  - C 4452.0km
  - D 5565.0km
- 14 Which planet orbits in a clockwise direction from east to west?
- A Earth
  - B Jupiter
  - C Saturn
  - D Uranus
- 15 Study the diagram below.



What type of landform is shown in the above diagram?

- A Dissected plateau
- B Structural plain
- C Tectonic plateau
- D Volcanic plateau

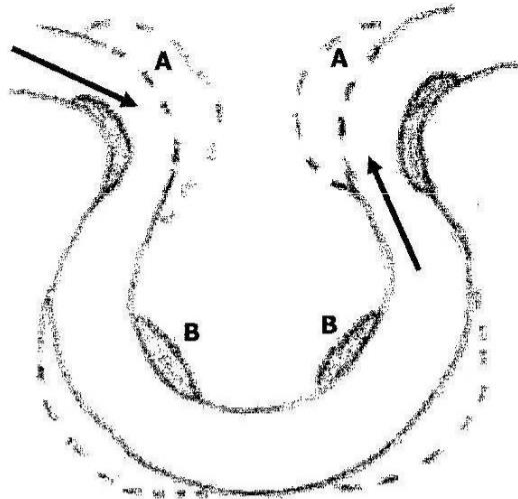
- 16 Study the diagram below.



The feature shown above illustrates the formation of ...

- A fold mountains.
  - B intermont plateau.
  - C residual mountains.
  - D volcanic plateau.
- 17 Which part of the earth's internal structure is in liquid state?
- A Core
  - B Crust
  - C Mantle
  - D Soil
- 18 Which **one** of the following factors is responsible for all forms of mass movement?
- A Gravity
  - B Moisture
  - C Pressure
  - D Temperature
- 19 Which **one** of the earth's structures would be most significant for agriculture?
- A Core
  - B Crust
  - C Hydrosphere
  - D Mantle

20 Study the diagram below.

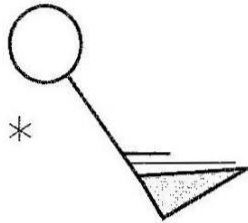


In the illustration shown above, what is depicted at point **A** and **B**?

- |          | <b>A</b>   | <b>B</b>   |
|----------|------------|------------|
| <b>A</b> | Capture    | Deposition |
| <b>B</b> | Capture    | Erosion    |
| <b>C</b> | Deposition | Erosion    |
| <b>D</b> | Erosion    | Deposition |
- 21 Which of the following features is commonly found in the lower course of the river?
- A** Cataracts
  - B** Distributaries
  - C** Interlocking spurs
  - D** River capture
- 22 Which of the following is the correct order of the processes that lead to the formation of a river delta?
- A** Corrosion, transportation, deposition
  - B** Deposition, corrosion, transportation
  - C** Deposition, transportation, corrosion
  - D** Transportation, corrosion, deposition
- 23 The lowest temperature of the day is recorded by ...
- A** clinical thermometer.
  - B** maximum thermometer.
  - C** minimum thermometer.
  - D** soil thermometer.

- 24** What instrument would be used to measure how fast the wind was as the plane carrying the Chipolopolo boys landed at Kenneth Kaunda International Airport from Gabon?
- A** Anemometer
  - B** Barometer
  - C** Wind rose
  - D** Wind vane

- 25** The diagram below shows weather symbols



The weather represented by the symbols above is ...

- A** Clear sky, South East wind of 65 knots, snow.
  - B** Clear sky, South West wind of 65 knots, snow.
  - C** Obscured sky, North East wind speed of 65 knots, thunder.
  - D** Obscured sky, North West wind speed of 65 knots, thunder.
- 26** During the month of October the temperature for Kabompo was 21.4°C and for Livingstone was 26.6°C. Why did Kabompo experience lower temperatures than Livingstone? Kabompo lies ...
- A** at a higher altitude than Livingstone
  - B** on a latitude closer to the equator than Livingstone
  - C** on a longitude closer to the equator than Livingstone
  - D** at a lower altitude than Livingstone
- 27** A Mediterranean climate is characterised by very dry summers because ...
- A** the relative humidity is low.
  - B** the skies are cloudless.
  - C** there are off-shore winds.
  - D** there are on-shore winds.
- 28** Why do the hot deserts experience cold nights?
- A** Due to cloud cover
  - B** Due to clear sky
  - C** Due to low air pressure
  - D** Due to high solar insolation

- 29** Which one of the following is a characteristic of the temperate grasslands?
- A** Average summer temperatures are as high as over 30°C
  - B** Summers are very warm to hot with temperatures of about 26°C in many parts
  - C** The midday sun is always near vertical and it is overhead twice in a year
  - D** Temperature is high throughout the year
- 30** "It is the home of wild animals. It is known as the 'big game country' and thousands of animals are trapped or killed by people each year from all over the world."

What natural region is being described above?

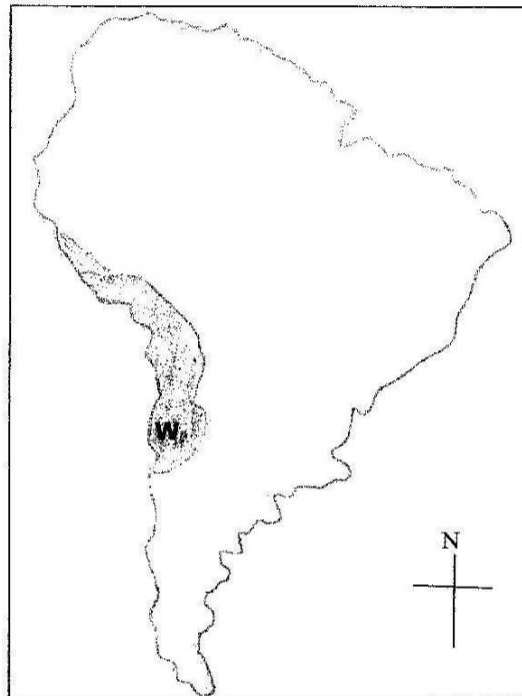
- A** Equatorial
  - B** Hot desert
  - C** Mediterranean
  - D** Savannah
- 31** Which of the following describes the characteristic features of vegetation in the Mediterranean climate?
- A** Coarse pastures, evergreen forest, scented shrubs
  - B** Evergreen forest, open woodland, coarse pastures, mangrove swamps
  - C** Luxuriant rain trees, mangrove swamps, scented scrubs
  - D** Mangrove swamps, open woodland, scented scrubs
- 32** Which among these plants can withstand long periods of drought?
- A** Acacia
  - B** Elm
  - C** Fir
  - D** Oak



Section C

Elements of World Human Geography

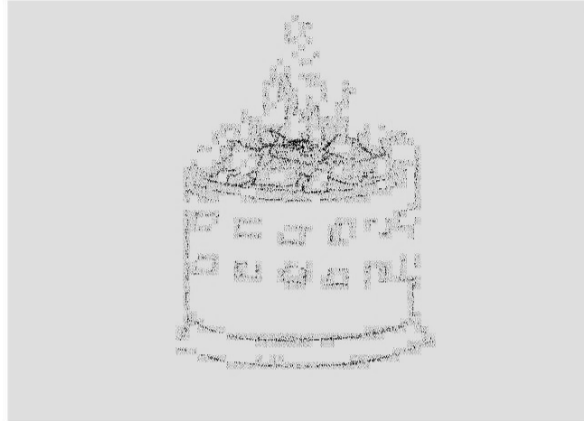
- 33 Why is North Western Europe densely populated?
- A It has high agricultural activities
  - B It has high birth rate
  - C There are many industrial activities
  - D There are many learning institutions
- 34 Study the map of South America below.



- What accounts for low population in area **W**?
- A Fertile soils
  - B Little or no rainfall
  - C The area is infested by tsetse flies
  - D Too many rivers
- 35 What does the term "**Zero Growth**" mean in population studies?
- A No more babies are being born
  - B There are more baby boys born than girls
  - C There are more baby girls born than boys
  - D The population remains constant

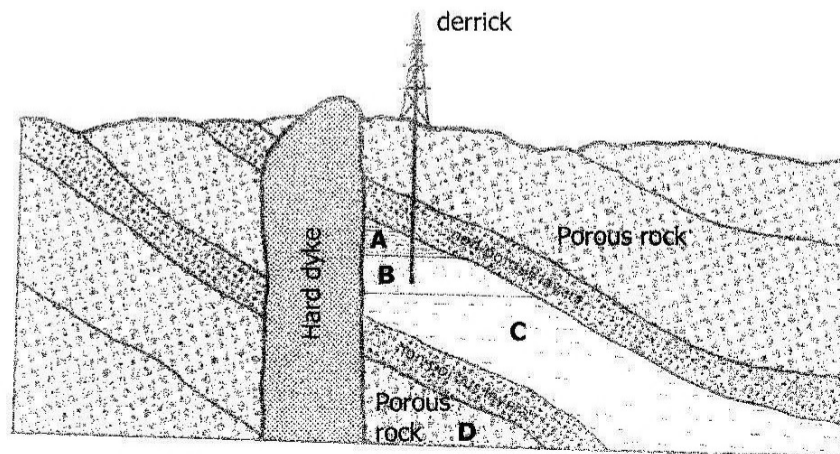
- 36** Which of the following countries has the lowest rate of annual population growth?
- A** Brazil
  - B** Ecuador
  - C** Japan
  - D** Malaysia
- 37** Why is there a lower birth rate in industrial areas than in agricultural areas?
- A** Industrial workers are more aware of family planning
  - B** Married couples are usually separated in industrial areas
  - C** Pollution in industrial areas reduces the fertility of women
  - D** There are fewer women in industrial areas
- 38** Which one of the following list of crops may **not** be produced under market gardening?
- A** Cabbage, green maize, cucumber
  - B** Carrots, tomatoes, green beans
  - C** Carrots, silk, oranges
  - D** Cucumber, onions, lettuce
- 39** Which of the following crops grows best at the mean temperature of 24°C – 26°C, heavy summer rain of 2000 mm and well drained soils rich in potash?
- A** Cocoa
  - B** Coffee
  - C** Maize
  - D** Wheat
- 40** Viticulture is the growing of ...
- A** citrus fruits and canning.
  - B** grapes for wine making.
  - C** vegetables and canning.
  - D** wheat and processing it.
- 41** Which of the following countries is the largest producer of sugar?
- A** Brazil
  - B** China
  - C** Cuba
  - D** India

- 42 What farming techniques are most farmers likely to resort to in order to improve soil fertility?
- A Contour ploughing
  - B Shifting cultivation
  - C Terracing
  - D The growing of cover crops
- 43 Study the diagram below.



What source of energy is used in the above diagram?

- A Biomas
  - B Geothermal
  - C Petroleum
  - D Wind
- 44 Study the diagram below.



Which of the areas marked **A**, **B**, **C** or **D** would have oil?

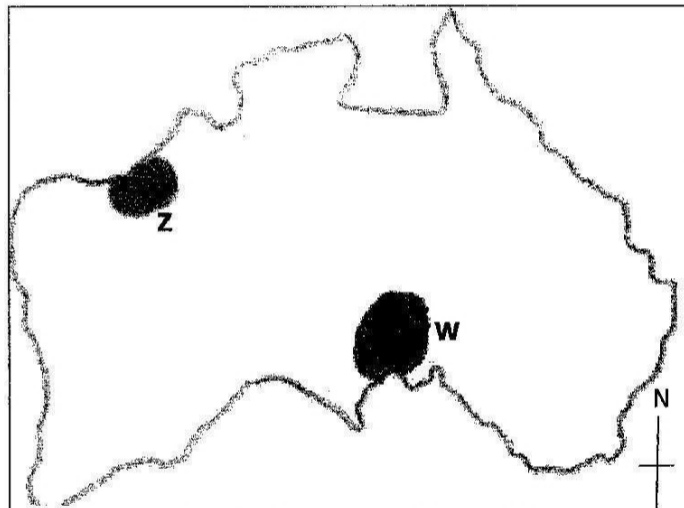
45 In a fractional distillation factory which of these products will be collected second?

- A Bitumen
- B Diesel oils
- C Kerosene
- D Lubricants

46 Which of the following countries has the **least** significant coal deposits?

- A Chile
- B New Zealand
- C South Africa
- D Zimbabwe

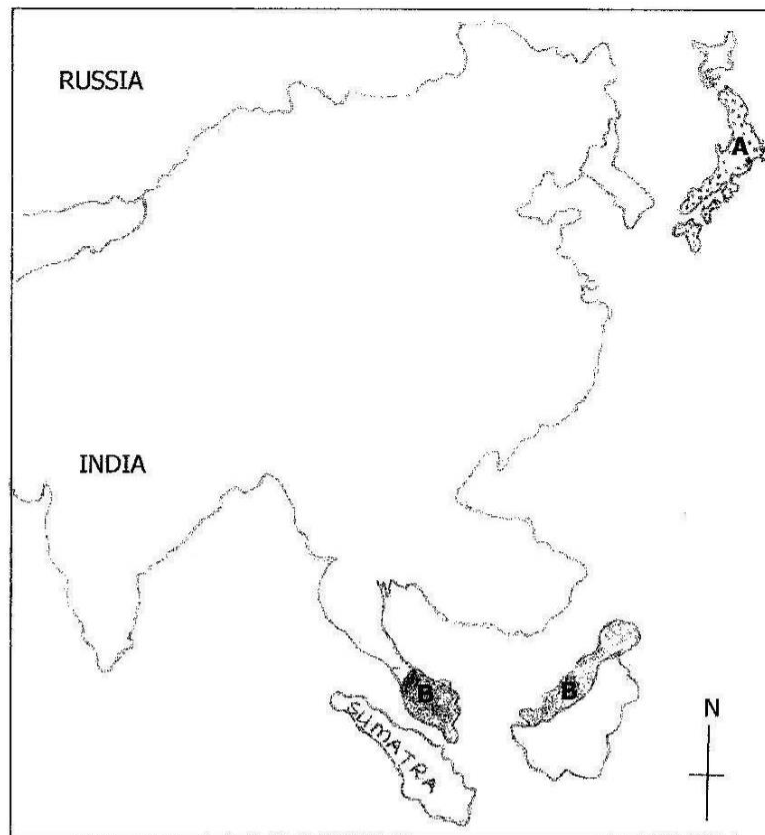
47 Study the map of Australia below.



Which raw material obtained from areas **W** and **Z** is most important in iron and steel industry?

- A Coal
- B Iron ore
- C Limestone
- D Nickel

- 48 Study the map below.



- Why has country **A** stopped buying large quantities of iron ore from country **B**?
- A** Cheaper ore is available elsewhere  
**B** Country **A**'s iron and steel industry has been hit by the oil crisis  
**C** Country **B**'s government refuses to sell ore to country **A**  
**D** The quality of country **B**'s ore has deteriorated.
- 49 The electricity generated from hot water or steam from rocks in the earth's crust is referred to as ...
- A** hydro-electric.  
**B** geothermal.  
**C** solar.  
**D** thermal.
- 50 The coke used in the iron and steel works comes from ...
- A** anthracite coal.  
**B** bituminous coal.  
**C** lignite coal.  
**D** peat coal

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