

**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.

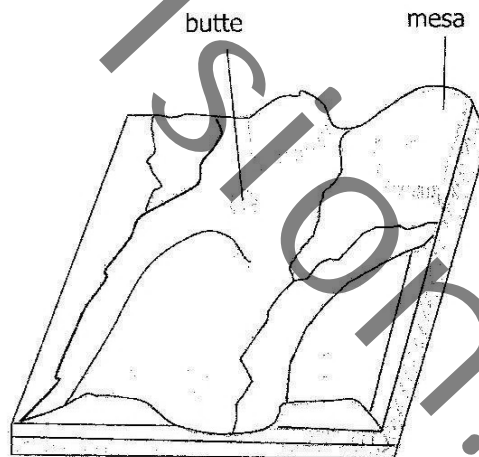
- 1 What is the six figure grid reference of the Post Office north of Bell Village?
  - A 033956
  - B 046963
  - C 956034
  - D 963046
  
- 2 What is the drainage pattern in grid square 9700?
  - A Dendritic
  - B Radial
  - C Trellised
  - D Tributary
  
- 3 What is the bearing of the school in grid 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

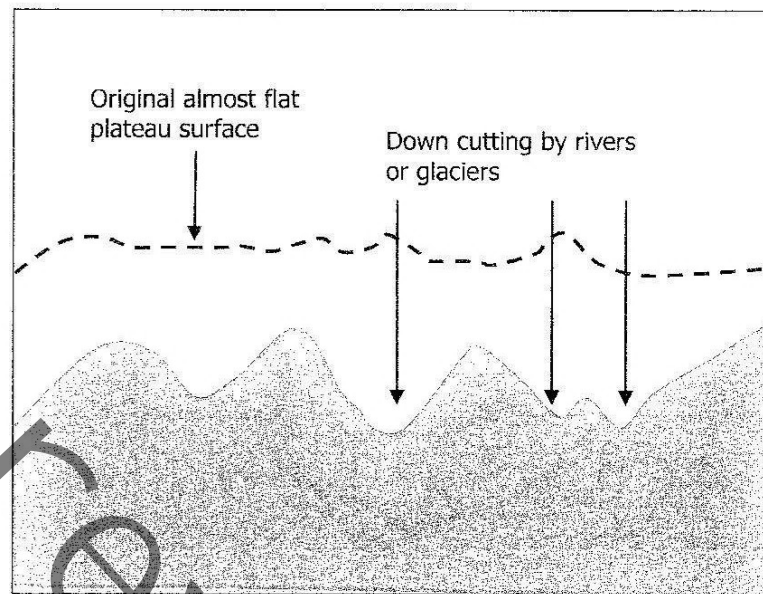
- 13 Find the distance in Km between Lusaka ( $15^{\circ}\text{S}$ ) in Zambia and Khartoum ( $15^{\circ}\text{N}$ ) in Sudan in a straight line.
- A 2226.0km
  - B 3339.0km
  - C 4452.0km
  - D 5565.0km
- 14 Which planet orbits in a clockwise direction from east to west?
- A Earth
  - B Jupiter
  -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

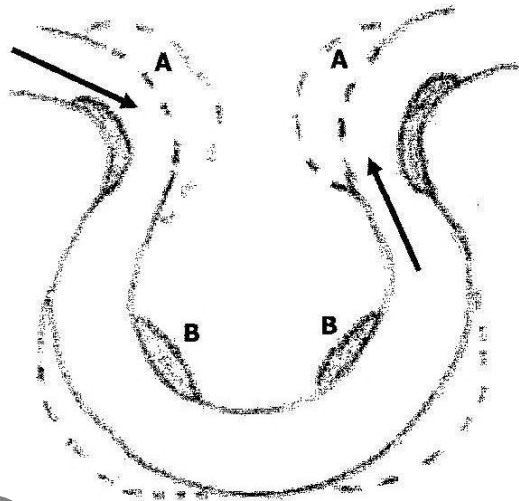
- 16 Study the diagram below.



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.



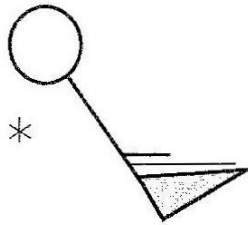
In the illustration shown above, what is depicted at point **A** and **B**?

- |          | <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



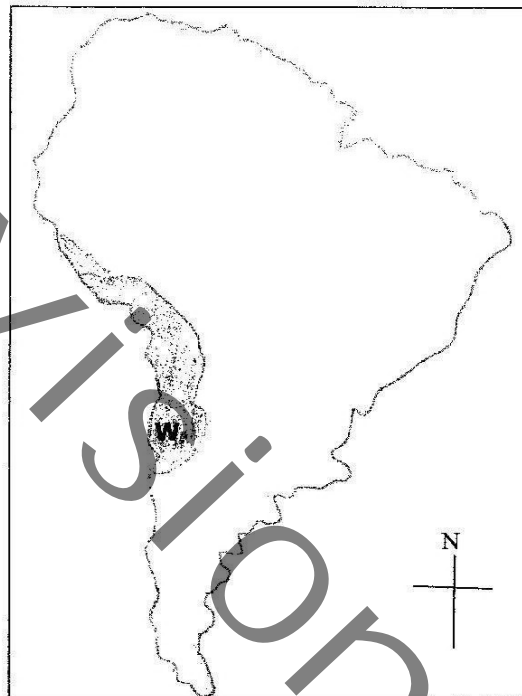
Section C

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

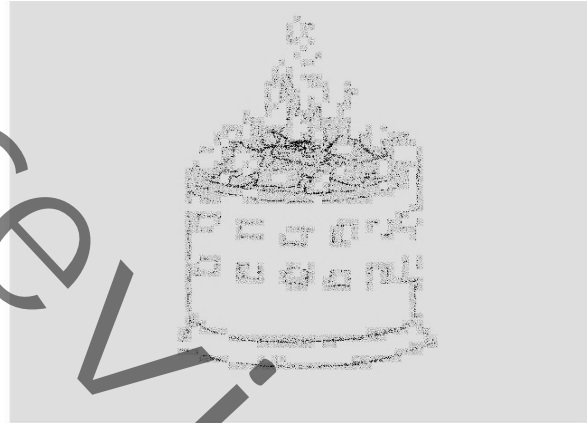
35 What does the term "**Zero Growth**" mean in population studies?

- 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

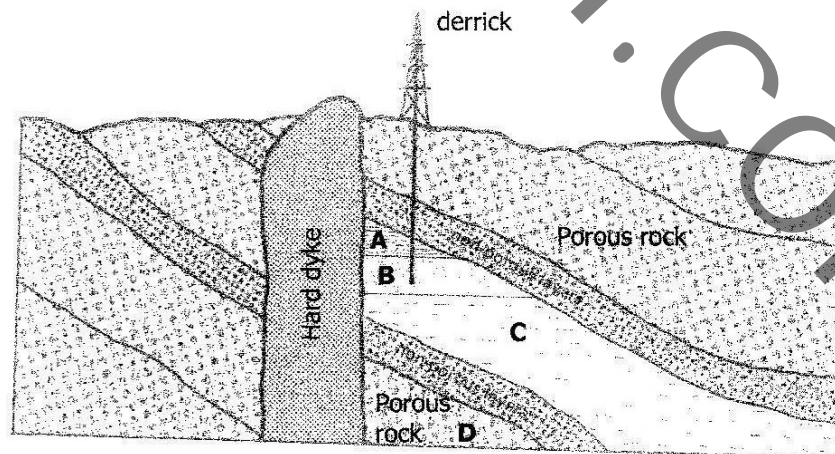
- 42 What farming techniques are most farmers likely to resort to in order to improve soil fertility?
- A Contour ploughing
  - B Shifting cultivation
  - C Terracing
  - D The growing of cover crops

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?

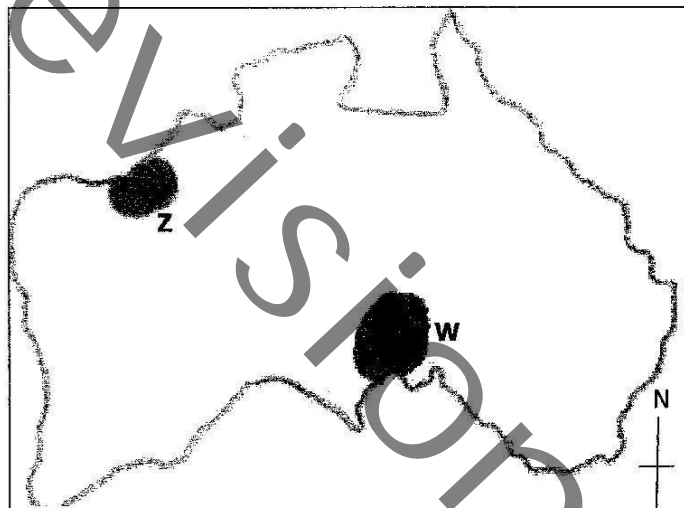
45 In a fractional distillation factory which of these products will be collected second?

- 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

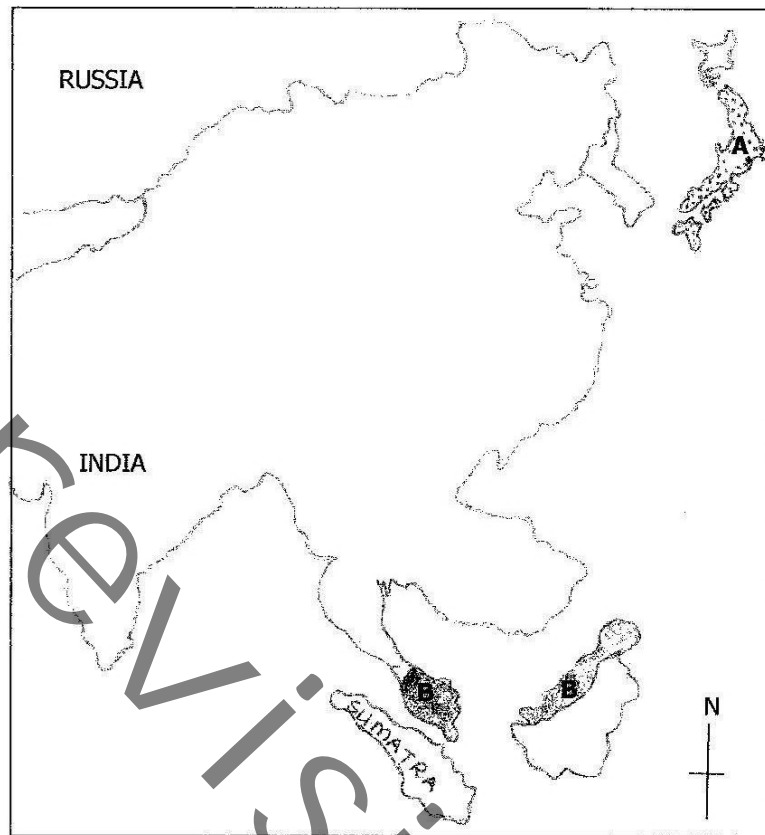
47 Study the map of Australia below.



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