EXAMINATIONS COUNCIL OF ZAMBIA

JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) – 2009

GEOGRAPHY 202/1
PAPER 1

(INTERNAL & EXTERNAL CANDIDATES)

Time: 1 HOUR 30 MINUTES
Marks: 40

INSTRUCTIONS TO CANDIDATES

1. Separate the Answer sheet from the question paper.
2. Write your name, examination number, school/centre name and code on the Answer Sheet.
3. There are forty (40) questions in this paper.
4. Answer all the questions.
5. For each question, four(4) possible answers are given, A, B, C and D. Choose the one you consider the correct answer. Then, on your Answer Sheet, mark the letter with a cross(x).
6. Do not spend too much time on any one question. Leave difficult questions to the end.
7. At the end of this examination, hand in the Answer Sheet.
8. Cell phones are not allowed in the examination room.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.
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SECTION A

Study the map extract of Chambishi provided and then answer questions 1 to 12.

1. The six figure grid reference for the Trigonometrical Station TP5 1270 north West of Kafironda is ...  
   A  057286  
   B  286057  
   C  284053  
   D  294063

2. What is the direction of flow of the Kafue River from the bridge at the railway line in grid square 2503 to the end of the map in grid square 2998?  
   A  North West to South East.  
   B  South East to North West.  
   C  South East to North West.  
   D  South West to North East.

3. The approximate height of the Kafironda Railway Siding at grid reference 287048 is ...  
   A  1200 metres  
   B  1220 metres  
   C  1240 metres  
   D  1260 metres

4. What is the bearing of the bridge in grid square 2602 from the Trigonometrical station TP5 in grid square 2805?  
   A  32°  
   B  58°  
   C  148°  
   D  212°

5. The distance along the road from the junction in grid square 2799 to the road junction in grid square 2500 is approximately ...  
   A  1600 metres  
   B  1800 meters  
   C  2100 metres  
   D  2300 meters

6. What type of natural vegetation is found in grid squares 2801 and 2802?  
   A  Cultivation  
   B  Forest  
   C  Grassland  
   D  Thicket

[Turnover]
7 The main type of drainage pattern formed by the Kafue river and its tributaries is ...  
   A dendritic  
   B radial  
   C superimposed  
   D trellis  

Study the area shown by the grid lines below and answer questions 8 and 9.

8 Area A is mainly used for ...  
   A construction.  
   B cultivation.  
   C fishing.  
   D mining.  

9 There is no tarred road south of the shaded area above because ...  
   A the area is hilly.  
   B the area is a national forest.  
   C the area is liable to flooding and swamps.  
   D the presence of outcrop rock.  

10 The area shown on the map extract is generally a ...  
   A plain.  
   B plateau.  
   C valley.  
   D watershed.  

11 The general settlement pattern of the whole area shown on the map is ...  
   A linear.  
   B isolated.  
   C nucleated.  
   D urban block.
12 According to map evidence, which one of the following services is not offered by Chambishi?

A   Electricity
B   Marketing
C   Research
D   Tourism

SECTION B

Study the world map below and then answer questions 13 to 17.

13 What is the name of mountain A?
A   Cameroon
B   Drankensbury
C   Everest
D   Rocky

14 The name of ocean current B is ...
A   Gulf stream.
B   Labrador.
C   Mozambique.
D   Peru.
15 The name of region C is ...  
A Alaska.  
B Canada.  
C Greenland.  
D Peru.  

16 The name of Gulf D is ...  
A Aden.  
B Guinea.  
C Mexico.  
D Oman.  

17 What commodities are transported along Route E?  
A Canned fish and milk.  
B Electrical goods and vehicles.  
C Furniture and cement.  
D Textile and shoes.  

Study the map below and then answer questions 18 and 19.
18. The shaded area F is important for the cultivation of ... 
   A cocoa.  
   B rice.  
   C tea.  
   D wheat.  

19. The type of farming in area F is characterized by ... 
   A large labour forces.  
   B low yields.  
   C mechanization.  
   D shifting cultivation.  

Questions 20 and 21 refer to the diagram below showing world total percentage production of petroleum.

![Bar chart showing percentage production of petroleum by Russia, USA, Middle East, and Others.]

20. What is the petroleum percentage production by the USA?, 
   A 15%.  
   B 35%.  
   C 45%.  
   D 65%.  

[Turnover]
21 The Middle East countries produce 35% of the total world petroleum production but use less of this output. This is because...

A petroleum refineries are located away from the consuming areas.
B they do not want to pollute the environment.
C they lack capital to process petroleum.
D they produce more than they need.

*Study the pie chart below which shows energy consumption in North America and then answer question 22.*

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**Key**

1. Petroleum
2. Natural gas
3. Coal
4. Hydro-electricity
5. Nuclear
6. Fuel wood

22 What is the major type of energy consumed in North America?

A Coal
B Hydro-Electricity
C Petroleum
D Wood fuel

*Study the diagram below which shows a Wind Rose and then answer questions 23 and 24.*
23 The number 3 in the middle of the diagram represents the ... 
A number of days in a month without wind.
B hours of observing wind direction.
C months of the year with strong winds.
D number of times of observing prevailing winds.

24 The instrument used to measure the element of weather shown in the diagram is ... 
A a Barometer.
B a Thermometer.
C a Wind vane.
D an Anemometer.

Study the diagram below showing a weather instrument and then answer questions 25 and 26.

25 What is the name of the instrument shown above?
A Dry bulb thermometer.
B Six's thermometer.
C Soil thermometer.
D Wet bulb thermometer

26 What are the correct readings on the weather instrument above?

<table>
<thead>
<tr>
<th>Minimum(°C)</th>
<th>Maximum(°C)</th>
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<tbody>
<tr>
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Study the map of Africa below and then answer questions 27 and 28.

27 The line G where the South East trades and North West Congo air meet is called...

A Doldrums.
B Intertropical convergence zone.
C Isobar.
D Ischyets.

28 What type of season is associated with line G?

A Cold and wind.
B Cool and dry.
C Hot and dry.
D Hot and wet.
Read the following passage and then answer questions 29 and 30.

"Poor climatic conditions such as extreme cold and scanty rainfall discourage tree growth. The main vegetation characteristics include tall and nutritious grass found in wetter areas. Grasses are shorter, tougher and less nutritious in drier regions. The grass withers in summer and new leaves form in spring."

29 The passage refers to vegetation associated with ... climate.

A hot deserts.
B temperate grasslands.
C tropical grasslands.
D tropical monsoon.

30 One of the natural vegetation species found in the above climate is ...

A eucalyptus.
B mahogany.
C Palm trees.
D Poplar.

Study the table below showing population characteristics and then answer questions 31, 32 and 33.

<table>
<thead>
<tr>
<th>Country</th>
<th>Birth per 1000 people</th>
<th>Deaths per 1000 people</th>
<th>% urban population</th>
<th>Life expectancy</th>
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<td>ZAMBIA</td>
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<td>23</td>
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</table>

31 Which country had the largest population increase?

A Brazil
B Mali
C Pakistan
D U.S.A
32 Why is the Death Rate for Mali very high?
   A  Due to civil war
   B  Due to obesity
   C  Inadequate educational facilities
   D  Inadequate medical facilities

33 Which country has the least percentage of urbanization?
   A  Brazil
   B  Mali
   C  Pakistan
   D  U.S.A

34 Which one of the following countries has the highest standard of living?
   A  Brazil
   B  Mali
   C  Pakistan
   D  U.S.A

35 Study the map below and then answer question 35.

[Map showing sparsely populated areas marked with a pattern]
35 The shaded areas are sparsely populated due to ...
   A Arid condition.
   B Civil war.
   C dense forests.
   D HIV/AIDS pandemic

Study the map of Zambia below and answer questions 36 to 39.

36 Town H is ...
   A Kasama.
   B Mansa.
   C Mpika.
   D Nakonde.

37 The traditional breed of cattle found around area I is the ...
   A Angon.
   B Boran.
   C Lozi.
   D Tonga.

38 The traditional ceremony held annually in area J is the ...
   A Kuomboka.
   B Likumbi Lya Mize.
   C Ncwala.
   D Ukusefya pa N'gwena.
The height of the shaded area K is ...

A. 300 metres above sea level.
B. 900 meters above sea level.
C. 900-1200 metres above sea level.
D. over 1200 meters above sea level.

One way of conserving fish in rivers in Zambia is by ...

A. observing the fish ban.
B. use of draw nets.
C. use of poison.
D. use of refrigerators.