GATITU SECONDARY SCHOOL
GEOGRAPHY FORM ONE MID-TERM EXAM 2ND TERM 2015

NAME--ADM---------------CLASS----------------

1. (a) Give the <u>two</u> dates in a year during which the number of hours of darkness is equal in both the North and South pole.   (2 marks)

 i)_____

ii)_____
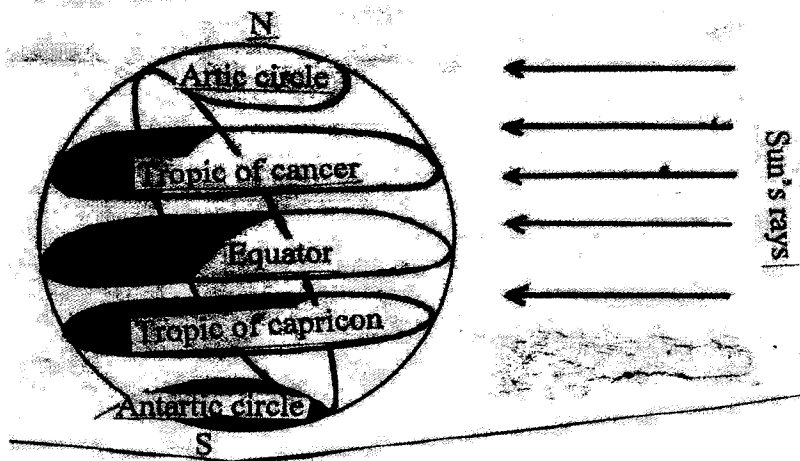(b) give three wayvhow the atmosphere is heated   (3 mks)

i)_____

ii)_____

iii)_____

2 i)Mention **two** theories which have been advanced to explain the origin of the earth.   (2mks)

   i)   _____

   ii)   _____

   iii)   _____

(ii) Name the biggest planet in the solar system   (1mark)

_____ (iii) The diagram below shows varying length of day and night at different places on the earth's surface. Use it to answer the question that follow.

a)Identify the position of the mid day sun.   (1mark)

_____

(b) State **three** characteristics of the core   (3marks)

 i)_____

 ii)_____

iii)_____

1

3. (a) Give **two** days in the year when the earth experiences equinox. (2mks)

I) _____

Ii) _____ _____

(b) Suppose the local time in Harare 31^0E is 9.30am. What would be the local time the Greenwich 0^0?

4mk

_____

4 (a) What is equinox? (2mk)

_____
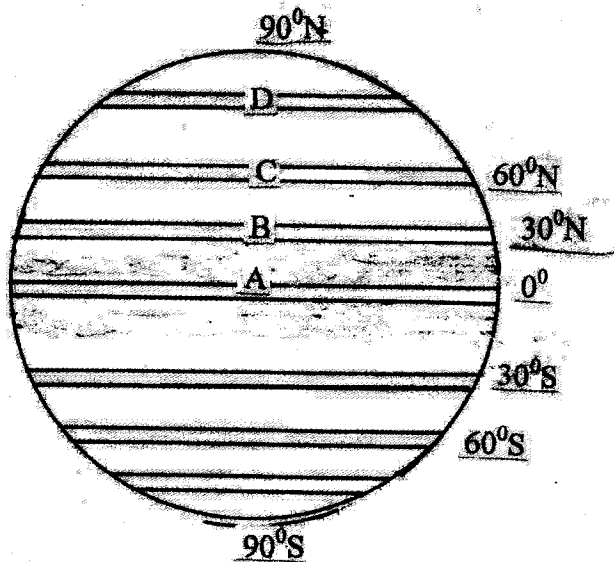
_____

_____

(b) List down four proofs that the earth is spherical (4mks)

I)_____

ii)_____

iii) _____

iii)_____

5 The diagram below shows the pressure belts of the world. Use it to answer the questions that follow.

(a)Name the pressure belts marked A, B and C (3mks)

2

A_____

B_____

C_____

(b) State **four** factors that influence pressure on the earth   (2mks)

   I)_____

   II)_____

   iii)_____

   iv)_____

6. (a) When the local time is 2.00pm at longitude 45^{0}E. What is the longitude of a place whose local time is 8.00pm   (2mks)

(b) State **four** effects of earth's rotation   (3mks)

   i)_____

   ii)_____

   iii)_____

   iv) _____

7(a) What is a longitude?   (2mks)

(b) What is the longitude of station **X** when it is 8.00am while in Nairobi at longitude 37°E the time is 12.00 noon?   (3mks)

3

8(a) Give **three** ways in which air pressure affected humidity.   (3mks)
  i) ---
  ii---
  iii) ---
  iv)--
  (b)State **four** factors that determined the amount of solar radiation reaching the earth   4mks)
  i)---
  ii)--
  iii)---
  iv) ---

9.   (a) Differentiate between rotation and revolution of the earth   (2mk

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(b) Study the diagram below and answer the questions that follow
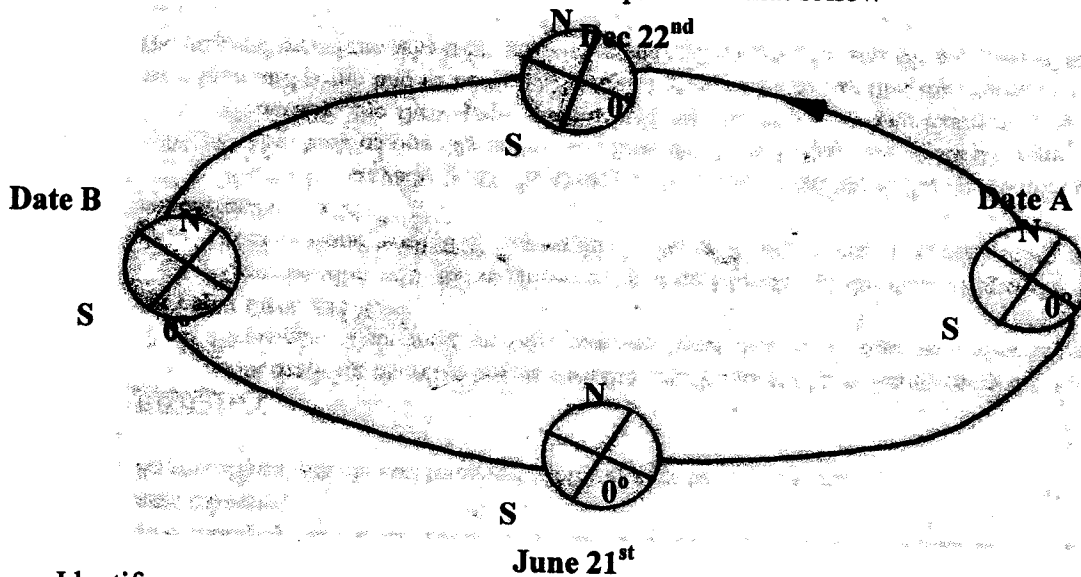
Identify

(i) The season marked **X**-- (1mk)

(ii) The date marked by **A**--- (1mk)

(c) State **one** characteristic of the summer solistice   (1mk)

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