Candidate's Examination No. ……...

THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF EDUCATION AND VOCATIONAL TRAINING
FORM TWO SECONDARY EDUCATION EXAMINATION, 2011

0031 **GEOGRAPHY**
TIME: 2½ HOURS

INSTRUCTIONS

1. This paper consists of sections A and B.
2. Answer **ALL** questions in section A and any **TWO** questions from section B.
3. Write your examination number at the top right corner of every page.
4. **ALL** writing must be in blue or black ink **EXCEPT** drawings which must be in pencil.
5. **ALL** answers must be in the spaces provided.
6. Cellphones and calculators are not allowed in the examination room.

FOR EXAMINER'S USE ONLY		
QUESTION NUMBER	SCORE	INITIALS OF EXAMINER
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
TOTAL		

SECTION A (70 MARKS)

1. For each of the following items choose the correct answer from the given alternatives and write its letter in the box provided.

(i) The needle of a compass points to the:
- A. Grid North
- B. Magnetic field
- C. North pole
- D. Pole star.

(ii) The height above sea level is called:
- A. altitude
- B. contours
- C. latitude
- D. ocean.

(iii) If the local time at place A (30° N, 35° E) is 8.00 a.m, what will be the local time at place B (27° N, 12° E)?
- A. 6.28 a.m.
- B. 6.28 p.m.
- C. 9.32 a.m.
- D. 9.32 p.m.

(iv) Block mountains are formed through:
- A. earthquakes
- B. faulting
- C. folding
- D. vulcanicity.

(v) An area where a river system collects its rainwater is called:
- A. catchment area
- B. lake
- C. tributary
- D. watershed.

(vi) Pangani town at the sea level has a temperature of 32°C, what is the temperature of Ruaha 1500 metres above sea level?
- A. 0.6°C
- B. 9°C
- C. 21°C
- D. 23°C

(vii) The grid reference of station Q is 888666, what are the numbers of the Eastings and the Northings?
- A. 666 are Northings and 888 are Eastings
- B. 868 are Eastings and 668 are Northings
- C. 886 are Eastings and 668 are Northings
- D. 888 are Northings and 666 are Eastings.

(viii) What causes the difference between the length of day and night?
- A. Longitude
- B. Revolution of the earth
- C. Rotation of the earth
- D. The earth's orbit.

(ix) If given different kinds of R.F. scales, the smallest scale has the:
- A. biggest denominator
- B. biggest numerator
- C. smallest denominator
- D. smallest numerator.

(x) A ship moves to the West and crosses the International Date Line (IDL). What happens with regards to time gained or lost?
- A. No time is gained or lost
- B. One whole day is gained
- C. One whole day is lost
- D. One whole day is repeated.

2. Match the items in column A with those in column B by writing the letter of the correct answer below its corresponding item number in column A in the table provided.

LIST A	LIST B
(i) A negative effect caused by tourism in countries like Tanzania	A. Aforestation
(ii) The science dealing with crop production and livestock rearing	B. Agriculture
(iii) Forest conservation	C. Aphelion
(iv) Formed when large masses of air with different physical properties meet	D. Cooking oil
(v) It is used for cooking, heating and producing electricity	E. Cyclonic rain
(vi) It occurs when the earth becomes far from the sun	F. Deforestation
(vii) Maximum and minimum temperature	G. Destruction of culture
(viii) The lines joining places with the same pressure	H. Isobars
(ix) The raised part of the ocean floor	I. Natural gas
(x) Weather station instruments shelter.	J. Ocean deep
	K. Perihelion
	L. Relief rain
	M. Ridge
	N. Six's Thermometer
	O. Stevenson Screen

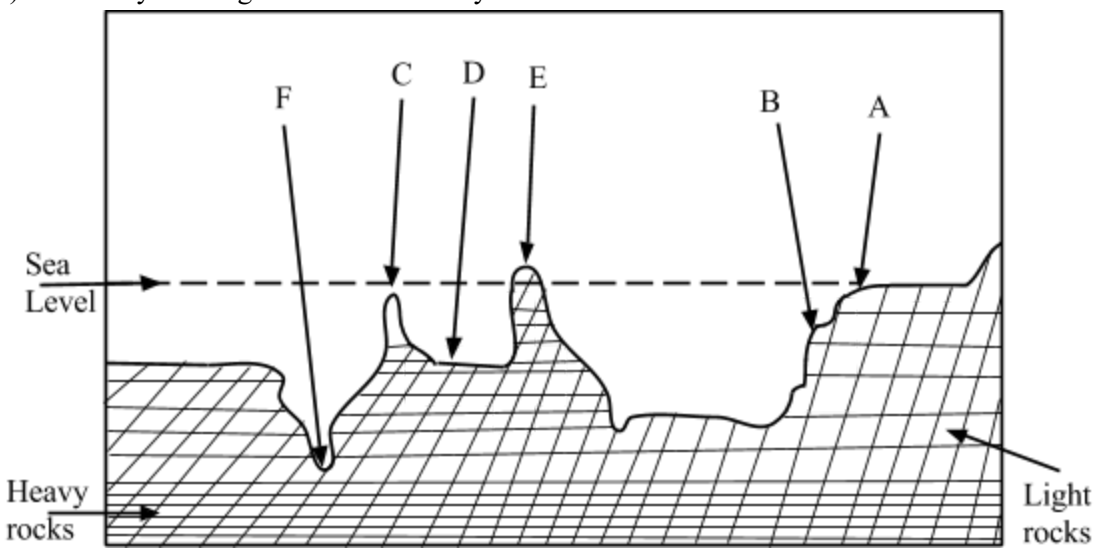
ANSWERS

LIST A	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
LIST B										

3. The following statements are either correct or not correct. Write **TRUE** if the statement is correct or **FALSE** if the statement is not correct.

(i) Equinoxes means equal day and night hours at all latitudes. _____
(ii) Good railways and road networks stimulate economic development. _____
(iii) Industrial activities have no negative impact on environment. _____
(iv) It is possible to tap underground water in desert and semi-desert areas. _____
(v) Lake Victoria is within the rift valley. _____
(vi) Planets give out light. _____
(vii) Tanzanite is among the minerals mined in Uganda. _____
(viii) Trenches and ocean deeps are the same relief features of the river basin. _____
(ix) Two opposing longitudes can make a great circle. _____
(x) Use of the solar energy minimizes environmental degradation. _____

4. (a) Study the diagram below carefully then label features A - F.



A stands for _____

B stands for _____

C stands for _____

D stands for _____

E stands for _____

F stands for _____

(b) Define the following geographical terms:

(i) Geography _____

_____

(ii) International Date Line (IDL) _____

_____

(iii) Map _____

_____

(iv) Renewable resources _____

_____

(v) Tourism industry _____

_____

(vi) Transport _____

_____

(c) Identify four important things to be considered in the location of industries.

(i) _____

(ii) _____

(iii) _____

(iv) _____

5. (a) Study carefully the climatic data given for station Y, then answer the questions that follow:

Month	**J**	**F**	**M**	**A**	**M**	**J**	**J**	**A**	**S**	**O**	**N**	**D**
Temperature (°C)	25.5	25.8	26	26	27.3	26.5	26.5	26.1	26.8	26.8	26	25.2
Rainfall (mm)	246	186	185	190	184	176	174	197	185	206	261	266

(i) Calculate the mean annual temperature.

(ii) Calculate the annual total rainfall.

(iii) State the annual range of temperature.

_____

(iv) Suggest the type of climate for the station.

_____

(v) The economic activities taking place in the station are _____ and _____.

(b) Explain the following terms as used in Geography:

(i) Eco-tourism _____

_____

(ii) Extensive farming _____

_____

(iii) Geothermal energy _____

_____

(iv) Intensive farming _____

_____

(v) Underground water _____

_____

(c) A map may not be useful if it lacks the following:

(i) _____ (ii) _____

(iii) _____ (iv) _____

(v) _____

(d) Write down five requirements for the establishment of plantation agriculture.

(i) _____

(ii) _____

(iii) _____

(iv) _____

(v) _____

SECTION B (30 MARKS)

Answer any **TWO** questions from this section.

6. Describe the advantages of natural gas from Songosongo to our economy.

7. Explain the factors affecting water supply in most of Tanzanian society.

8. Forests play a great role in human life. Do you agree? Why?

9. Suggest ways of improving tourism industry in Tanzania.

10. What are the problems facing timber industry in the Congo basin?

_____

_____

_____

_____