

NAME 1-2-3	MARKS
ADMISSION NUMBER	

DATE	QUARTER	EXAM	CLASS	SUBJECT
1 ST DECEMBER, 201	6 4	ANNUAL	Г 1	
TIME	TEAC	HER(S)	 - 	GEOGRAPH
2 HOURS	MR. JUMA (FB)	- MR. NDOSHO		

INSTRUCTIONS:

- 1. This paper consists of two sections A and B with a total number of 10 questions.
- 2. Answer **ALL** questions in both sections. Each question carries 10 marks.
- 3. Good and well labeled diagrams are credited.

SECTION A (30 Marks)

1.		the following statements carefully then choose the most correct answer from the given alternative letter in the box provided	es and
	(i)	The earth is made up of four layers which are	
		A. Atmosphere, Hydrosphere, Asthenosphere and Lithosphere	
		B. Biosphere, Hydrosphere, Atmosphere and Ionosphere	
		C. Biosphere, Lithosphere, Atmosphere and Hydrosphere	
		D. Lithosphere, Atmosphere, Asthenospher and Biosphere	
	(ii)	The needle of a compass points to the	
		A. Grid North	
		B. Magnetic North	
		C. North Pole	
		D. Polar Star	
	(iii)	The relative humidity of a region is low when	
		A. The temperatures are high	
		B. The temperatures are low	
		C. The wet and dry bulb thermometers read the same	
		D. The difference between the readings of wet and dry bulb thermometers is large	
	(iv)	WSW compass direction is equivalent to the following	
		A. 135°	
		B. 225 ⁰	
		C. 245.5°	
		D. 247.5°	
	(v)	The following are the main factors that control ocean water salinity except	
		A. Nature of the underlying rock	
		B. Amount of the fresh water added into the sea/ocean	
		C. Vegetation cover	
		D. Temperature of a place	
	(vi)	A representative scale of 1:250,000 can be represented by statement scale as	
		A. 0.5 to 2.5 km	
		B. 2 cm to 25 km	
		C. 1 cm to 250,000 cm	
		D. 1 cm to 2.5 km	
	(vii)	The atmosphere is said to be humid only when	
		A. It is saturated with water vapour	
		B. It is not saturated with water vapour	
		C. It contains water vapour	
		D. It doesn't contain water vapour	
	(viii)	What is the local mean time of Dar es Salaam at 45° E when its noon at Greenwich	
		A. 3:00 pm	
		B. 7:00 pm	
		C. 8:00 pm	
		D. 10:00 pm	

(ix)	What is the temperature of Olasiti (Arusha) 1400 m above the sea level when it is 28°C in Ha	ndeni
	(Tanga) which is 800m above the sea level?	
	A. 31.6° C	
	B. 3.6°C	
	C. 24°C	
	D. 24.4°C	
(x)	The dominant climatic condition of East Africa, is known as	
	A. Tropical grass land climate	
	B. Desert climate	
	C. Mediterranean climate	
	D. Equatorial climate	
	·	

2. Match the items in **LIST A** with their response in **LIST B** by writing the letter of the correct response in the space provided.

	LIST A		LIST B
(i)	The common rainfall in tropics	A.	Distributaries
(ii)	A name given to the tall grasses in Venezuela	В.	Trade wind
(")	A name given to the tail grasses in venezuela	C.	Cyclonic rainfall
(iii)	Features formed when small channels join together	D.	Frost
(iv)	A place where weather elements are measured and recorded	E.	Stevenson's screen
		F.	Shooting stars
(v)	Another name for asteroids	G.	Campos
(vi)	The diameter of the earth from pole to pole	Н.	12757 km
	·	l.	Savannah
(vii)	Weather station instrument shelter	J.	12757 miles
(viii)	Tiny water droplets suspended immediately above the ground	K.	Convectional rainfall
		L.	Planetoids
(ix)	The largest lake in the world	M.	Orographic rainfall
(x)	Planetary winds that blow from subtropical to sub polar regions	N.	Lake Baikal
(//)	Trainctury winds that slow from subtropical to sub-polar regions	Ο.	Weather station
		P.	Caspian sea
		Q.	Tributaries
		R.	Mist
		S.	Westerly winds
		T.	llanos
		U.	12713 km
		V.	12713 miles

ANSWERS

i	ii	iii	iv	V	vi	vii	viii	ix	х

3.	Each	of the following statements is either correct or incorrect. Write TRUE if the statement is correct or FALSE if
	the s	statement is not correct.
	(i) (ii) (iii) (iv)	Minimum thermometer is filled with alcohol while maximum thermometer is filled with mercury Seasons are more pronounced between 23½° and 66½° of latitude in both hemispheres The sun is the source of all energies on earth Corriolis force causes any moving object to be deflected to the right side in the Southern hemisphere
	(v) (vi)	Longitudes are measured in degrees either North or South of the Equator When contour lines are very close to one another it means that there is a very gentle slope over the land form
	(vii) (viii)	first
	(ix) (x)	Time zone is the common time of all countries which belongs to the same standard time Cyclonic rainfall is the most common rainfall in highland regions
		SECTION B (70 Marks) Answer the following questions accordingly
4.	Nam	ne
	(a) ⁻	Three (3) types of prevailing winds
	((i)
		(ii)
		(iii)
		Two (2) types of clouds that bring rainfall
		(i)
	((ii)
	(c) I	Five (5) oceans in the world (starting with the largest to the smallest)
	(
	((ii)
	((iii)
	((iv)
	(
5.		Give four results of rotation
	(
	((ii)
	,	•

	(iii)	
		
	(iv)	
	. ,	
		
(b)	Write down four r	esults of revolution
	(i)	
	(1)	
	/ii\	
	(ii)	
	/:::\	
	(iii)	
	(iv)	
		
(c)	Mention any two	(2) volcanic mountains found in Tanzania
	(i)	
	(1)	
	(ii)	
/a\	Cive any five (E) fo	veters that control temperature of an area
(a)	Give any five (5) fa	actors that control temperature of an area
	(i)	
		
	(ii)	
	()	
		
	(iii)	
	()	
	(iv)	
	(10)	
	(11)	
	(v)	
/I= \	A a t. f a	a itaalf milka dama ay akkan F alamanka kakunala aalan mukan
(a)		n itself write down any other 5 elements that make solar system
	(i)	
	(ii)	
		
	(iii)	
	V/	
	(iv)	
	(17)	

6.

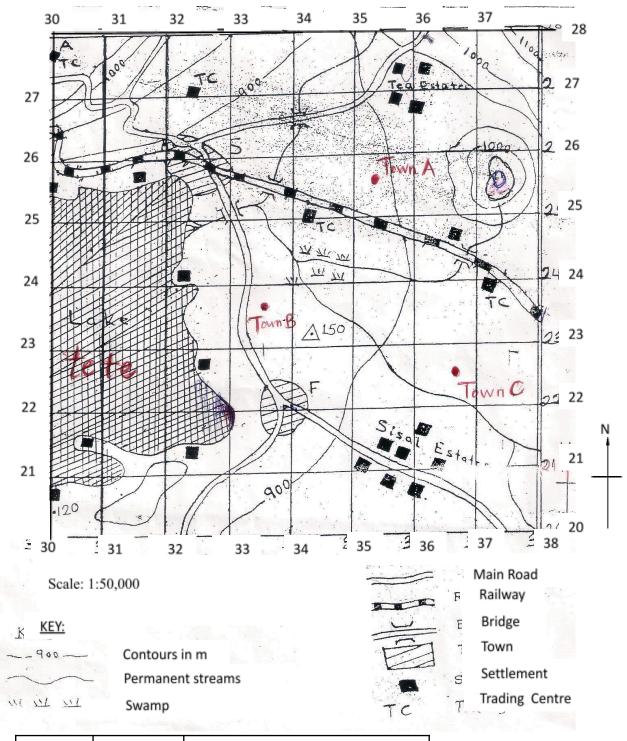
(v)	

7. Fill in the blanks.

Elements of weather	Instruments used to measure	Isolines (Lines drawn on maps)
(i)	Thermometer	Isotherm
Precipitation	(ii)	(iii)
Pressure	(iv)	Isobars
Humidity	(v)	(vi)
Wind (Speed)	(vii)	Isokinetic
Cloud cover	Infrared cloud imager (ICI)	(viii)
(ix)	Sunshine recorder (Campbel stoke)	(x)

8. Study carefully the map given below then answer the questions that follow. (Assume the side of one square is 2 cm)

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QUESTION NUMBER	QUESTION CHOSEN: PUT A TICK (√)	FOR EXAMINER'S USE ONLY	
		MARKS	EXAMINER'S SIGNATURE
1.			

2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(i) Measure the length of the railway line from Grid Reference 300265 to 380234

(ii) Calculate the area of Tete Forest in km square. (Show the solution)

(iii) What is the bearing of town A from town B?

	(iv)	(iv) Give the direction of town C from B													
	(v)	Give the Grid Reference of town A.													
9.	Carefully study the climatic data given for station B and answer the questions that follow														
		nths	J	F	М	Α	М	J	J	Α	S	0	N	D	
	Tem	perature (°C)	25	24	25	26	27	26	25	24	25	26	27	28	
	Rair	nfall(mm)	246	186	185	198	184	174	176	174	194	183	206	260	
	(i) Calculate the annual mean temperature for the station														
	(ii)	(ii) Determine the annual range of temperature for the station													
	(iii)	ii) What type of climate does station B experience?													
	(iv) Mention 3 main cash crops grown in this station. a)														
		b) c)													
	(v) What are the three main economic activities carried out in this climate?														
		(i)													
		(ii)													
		(iii)													
10. Draw a well labeled diagram of ocean floor topography (submarine relief)															
	- 1														

ALL THE BEST