

THE CATHOLIC DIOCESE OF SAME
KINDOROKO GIRLS' SECONDARY SCHOOL
FORM ONE SEPTEMBER MID-TERM EXAMINATIONS

013**GEOGRAPHY****Time: 2:30 Hours****Year: 2024****Instructions**

1. This paper consists of sections A, B and C with a total of **ten (10)** questions.
2. Answer **all** questions in the spaces provided.
3. Section A and C carry **fifteen (15)** marks each and section B carries **seventy (70)** marks.
4. All writing must be in **blue** or **black** ink.
5. Cellular phones, calculators and any unauthorized materials are **not** allowed in the examination room.
6. Write your **Name in Full** on the top right hand corner of every page.

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



SECTION A (15 Marks)

Answer **all** questions in this section

1. For each of the items (i) – (x) choose the correct answer from among the given alternatives and write its letter besides the item number in the answer table provided.
- (i) The following are the aspects of physical geography except:
- | | | | |
|---|------------------------------------|---|------------------------------------|
| A | Natural features of the earth | B | Structure of the earth |
| C | Distribution of plants and animals | D | Population growth and distribution |
- (ii) Mussa playing for Mtakuja FC scored a goal against Temeke FC at 7:00 p.m. in the match played in Dar-es-Salaam (45°E). If people in Cape Town will see the goal on television at 5:00 p.m., what is the longitudinal position of Cape Town?
- | | | | |
|---|----------------------|---|----------------------|
| A | 30°E | B | 15°W |
| C | 15°E | D | 75°E |
- (iii) Umunga is a Form Two student at Kindoroko Secondary School. She had a study tour in South Africa. Among other natural features, she enjoyed and appreciated a feature where a piece of land enters the ocean. What is the name of the feature which Umunga appreciated and enjoyed?
- | | | | |
|---|------|---|-----------|
| A | Cape | B | Peninsula |
| C | Gulf | D | Strait |
- (iv) A Canadian tourist climbed Mt. Kilimanjaro up to 5500 meters above the sea level with temperature 5°C . From that altitude, he descended the mountain by a cable car to Machame area which is 3500 meters above the sea level. What will be the temperature of Machame?
- | | | | |
|---|----------------------|---|----------------------|
| A | 12°C | B | 7°C |
| C | 17°C | D | -2°C |
- (v) What is the name of the process by which water is taken up by a plant and released in to the atmosphere?
- | | | | |
|---|---------------|---|---------------|
| A | Condensation | B | Evaporation |
| C | Precipitation | D | Transpiration |
- (vi) Places on the East of Greenwich experience sunrise before places on the West because the earth:
- | | | | |
|---|---------------------------|---|-----------------------------|
| A | Rotates from East to West | B | Rotates from West to East |
| C | Is very far from the sun | D | It is very close to the sun |
- (vii) Which of the following is an example of residual mountains?
- | | | | |
|---|-----------------------|---|---------------------|
| A | Sekenke hills Singida | B | Kibo in Kilimanjaro |
| C | Uluguru in Morogoro | D | Usambara in Tanga |
- (viii) It consists of an outer case, a copper-receiving vessel, a funnel whose diameter is normally 13cm, clear glass jar or bottle and a graduated measuring cylinder. This is a:
- | | | | |
|---|------------|---|----------------------|
| A | Hygrometer | B | Wet bulb thermometer |
| C | Rain gauge | D | Dry bulb thermometer |

- (ix) Which of the following statements is true regarding satellites?
- A All planets have satellites
 - B Some planets have satellites, some do not
 - C The moon is a satellite that produces its own light
 - D Saturn has no natural satellite
- (x) Lines on a weather map joining places with the same amount of atmospheric pressure are called:
- A Isolines
 - B Isobars
 - C Isotherms
 - D Isohyets

ANSWERS

S/N	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
ANS										

2. Match each item in **List A** with the correct response in **List B** by writing its letter below the number of the corresponding item in the answer table provided.

LIST A	LIST B
(i) The great circle around the middle of the globe dividing the earth into two equal parts	A Curved horizon
(ii) The position of a point on the earth's surface in relation to the equator, expressed as it's angular distance North and South from the equator	B Longitude
(iii) Either half of the earth's sphere which has been divided by an equatorial plane through its centre	C Hemisphere
(iv) The standard line of the earth located at 00 longitude dividing the earth East and West in to two equal parts	D Standard line
(v) The angular distance of a given point measured in degrees East or West of Greenwich Meridian	E Parallels
	F Equator
	G International Date Line (IDL)
	H Prime Meridian

ANSWERS

S/N	(i)	(ii)	(iii)	(iv)	(v)
ANS					

SECTION B (70 Marks)

Answer **all** questions in this section

3. There are different instruments used to measure the elements of weather.

- (a) Identify the instrument used to measure temperature
- (b) Identify the instrument which contains mercury in a bulb
- (c) Identify and draw the instrument which can be used to measure both Maximum and Minimum temperatures.

Name of the Instrument:

Diagram:



4. (a) As a young and upcoming climatologist, explain the meaning of climate.

.....

.....

(b) With four (4) points, differentiate between weather and climate.

- (i)

 (ii)

 (iii)

 (iv)

5. Carefully study the data recorded from a certain major weather station and answer the questions that follow:

DAYS	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temp ($^{\circ}\text{C}$)	19	20	20	21	19	21	20
Rainfall (mm)	35	47	40	43	27	41	39

- (a) Calculate the weekly average temperature
- (b) Compute the weekly rainfall
- (c) Find temperature range within a week
- (d) Which is the wettest day in a week?
- (e) What were the coldest days in a week?

6. The tourist from Germany to Tanzania was interested to visit mountains formed by volcanic activities.
- (a) Which type of mountains will satisfy their interest?
 - (b) Briefly explain three (3) types of mountains you have mentioned in (a) above.
 - (i)
.....
 - (ii)
.....
 - (iii)
.....
 - (c) List down two (2) economic importance of the mountains you have mentioned in (a) above.
 - (i)
 - (ii)
7. (a) Mr. Mmbuji is a geography teacher at your school. He has taught you on branches of that subject. If you were in the class, describe what he said.
 - (i)
.....
 - (ii)
.....
- (b) From (a) above, what are the likely four (4) significances of teaching that subject at your school?
 - (i)
.....
 - (ii)
.....
 - (iii)
.....
 - (iv)
.....
8. Most of the students get confusion when it comes the matter of distinguishing some geographical concepts. You as a distinguished and expert geography student, differentiate the following geographical concepts:
- (a) Plateaus and Plains
.....
.....
.....

- (b) Rivers and Lakes
.....
.....
.....
- (c) Sea and Ocean
.....
.....
.....
- (d) Continental shelf and Continental slope
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.....
.....
- (e) Fold mountains and Block mountains
.....
.....
.....

9. The measurement of temperature can be converted from one scale to another. For example, from degrees Celsius ($^{\circ}\text{C}$) to degree Fahrenheit ($^{\circ}\text{F}$) or from degree Fahrenheit ($^{\circ}\text{F}$) to degree Celsius ($^{\circ}\text{C}$). By showing the formula and your work clearly;

(a) Convert 33°C into degree Fahrenheit.

(b) Convert 41°F into degree Celsius

SECTION C (15 Marks)

Answer the question **ten (10)** below

10. The nature of the ocean floor is irregular. It is not smooth as other people believe. If ocean water was to drain away such that the ocean basins become a dry land, we would see landscape resembling that of the dry land of the continents. From this concept; draw, label and briefly explain at least five (5) main features of the ocean floor.

Diagram:



Explanation:

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[illegible]

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