

NAME.....CLASS...

.....ADM.....

JOINT EVALUATION

2021/2022 FORM 2 TERM 1 OPENER EXAM-AUGUST GEOGRAPHY

2021 EXAM

DURATION: 1 HOUR 45 MINUTES

Instructions: Answer all the questions in the spaces provided.

1. (a) Give **three** sub branches of physical Geography. (3 marks)

.....

.....

.....

.....

.....

.....

- (b) Give **four** heavenly bodies that make up the solar system. (4 marks)

.....

.....

.....

.....

.....

.....

.....

2. (a) Apart from the crust, name the other **two** main internal layers of the earth.(2 marks)

.....

.....

.....

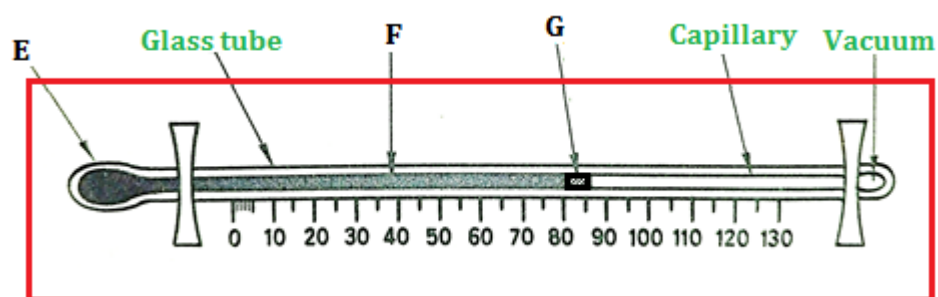
.....

.....

.....

- (b) State **five** characteristics of the earth's crust. (5 marks)

3. The diagram below shows a maximum thermometer. Use it to answer question (a)



- (a) Identify the parts marked E, F and G.

(3 marks)

- (b) Apart from a maximum thermometer, name **three** other types of thermometers found at a weather station.

(3 marks)

.....

.....

.....

(c) List **five** factors that affect the temperature of a place. (5 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

4. Explain **three** environmental hazards associated with convectional rainfall. (6 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

5. The table below represent rainfall and temperature for City K. use it to answer question (a) and (b).

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	27	25	30	25	20	18	17	24	27	28	27	28
Rainfall (mm)	50	80	100	250	150	100	25	25	100	150	220	200

- (a) Calculate the mean annual range of temperature. (2 marks)

.....

.....

.....

.....

- (b) Calculate the annual rainfall total for City K. (2 marks)

.....

.....

.....

.....

.....

6. (a) Differentiate between a map and a plan. (2 marks)

.....

.....

.....

.....

.....

- (b) State **five** qualities of a good sketch map. (5 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

7. (a) What are igneous rocks? (2 marks)

.....

.....

.....

.....

(b) State **three** differences between plutonic rocks and volcanic rocks. (6 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

8. (a) Define the term mining? (2 marks)

.....

.....

.....

.....

(b) Give **four** ways in which minerals occur. (4 marks)

[illegible]

(c) Explain **four** benefits of trona mining at Lake Magadi to Kenya.

(8 marks)

This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

9. Suppose you were to carry out a field study on trona mining at Lake Magadi:

(a) Give **three** stages of trona processing that you would observe.

(3 marks)

.....

.....

.....

.....

.....

(b) State **three** follow up activities that you would carry out. (3marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....