

312

GEOGRAPHY

TIME: 2¾ HOURS

2016 FORM 2

Kenya Certificate of Secondary Education (K.C.S.E.)

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TIME: 2¾ HOURS

INSTRUCTIONS TO CANDIDATES:

- a) This paper consists of two sections A and B.
- b) Answer ALL questions.
- c) *All answers must be written in the answer booklet provided.*

SECTION A
Answer ALL Questions in this section.

1. Differentiate between physical and human environment. (2mks)
2. State the relationship between Geography and Physics. (2mks)
3. Give **two** evidences supporting the Nebula Cloud Theory on the origin of the Earth. (2mks)
4. Define the following:-
 - (i) **Meteors** (2mks)
 - (ii) Meteorites (2mks)
5. (i) What is a latitude? (2mks)
 (ii) What is the time at Hola on 40°E when the time at Tema on 0° longitude is 12.00 noon? (2mks)
6. List **two** disadvantages of using the interview methods as a means of collecting data. (2mks)
7. (a) Below is the mean monthly temperature for area X. Use it to draw a simple line graph. (4mks)

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	19	18	19	20	22	24	25	24	23	22	21	20
- (b) Using the figures above, calculate:-
 - (i) Annual range of temperature. (1mk)
 - (ii) Mean annual temperature. (2mks)
8. (a) Define the term hypothesis. (2mks)
 (b) Name **two** importance of a working schedule. (2mks)
9. Name **two** types of metallic minerals. (2mks)
10. (a) What is metamorphism? (2mks)
 (b) Give **two** characteristics of metamorphic rocks. (2mks)
11. Give **three** examples of chemically formed sedimentary rocks. (3mks)

12. (i) List two evidences of the continental drift theory. (2mks)
 (ii) Identify three types of plate boundaries. (3mks)
13. (i) Define the term Folding. (2mks)
 (ii) Name four types of Folds. (2mks)
 (iii) What is a Rift Valley? (2mks)

SECTION B

14. (i) Give the two main types of climate given by Miller. (2mks)
 (ii) List five characteristics of the modified equatorial climate of the Lake Victoria basin. (5mks)
 (iii) Explain three factors influencing weather. (3mks)

15. The table below represents rainfall and temperature figures for a station in Africa. Use it to answer the following questions.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	27	28	28	28	27	25	25	24	25	26	27	26
Rainfall mm	25	38	99	140	277	439	277	69	142	201	71	25

- (a) (i) Calculate the annual range of temperature for the town. (2mks)
 (ii) Calculate the total annual rainfall for the town. (2mks)
- (b) State four characteristics of the climate experienced in the town. (4mks)
- (c) State four factors to consider when siting a rain gauge. (4mks)
16. (a) In your answer booklet, draw a diagram to show a simple Fold and on it, mark and name:
 Anticline syncline. (6mks)
- (b) Name two Fold Mountains in Africa. (2mks)
- (c) Explain four effects of Fold Mountains on human activities. (2mks)
17. (a) Describe the climatic characteristics of Mediterranean climate. (6mks)
- (b) Suppose you visited a weather station for a field study on weather:
- (i) Give three methods you would use to collect data. (3mks)
- (ii) State four advantages of studying weather through field work. (4mks)
- (c) Name two forms of precipitation that commonly occur in Kenya. (2mks)
- (d) What is a Stevenson's Screen? (2mks)

