

FORM 2 TERM 3 OPENER

GEOGRAPHY

NAME:.....

ADM NO.....

INSTRUCTIONS TO STUDENTS:

1. Write your name, admission number and class in the spaces provided.
2. Answer all the questions in this paper.
3. All answer must be written in the spaces provided.
4. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

1. Define the term 'habitat'. 2mks

2. Give two types of environment. 2mks

3. State the relationships between:
i. Geography and Mathematics. 2mks

ii. Geography and History. 2mks

4. a) Describe the origin of the earth as proposed by the passing star theory. 3mks
b) State two weakness of the passing star theory. 2mks

5. Differentiate between asteroids and comets. (2mks)
6. Name two instruments that are kept in Stevenson Screen. 2mks
7. List two factors that influence atmospheric pressure. 2mks
8. State three characteristics of Inter Tropical Convergence Zone (ITCZ). 3mks
9. Identify three methods of collecting statistical data. (3mks)
10. Given the following set of data:
26,30,25,34,18,19
Calculate the median. 2mks
11. a) What is marginal information? 2mks
- b)Mention three common marginal information in a map sheet. 3mks

12. a) Define hypothesis.

2mks

b) Name and explain two main types of hypothesis.

4mks

c) Identify two possible problems likely to be encountered during field work.

4mks

13. a) Differentiate between a mineral and a rock.

2mks

b) Explain two ways in which metamorphic rocks are formed.

4mks

14. a) Give two ways in which minerals occur.

2mks

b) Explain two negative effects of open –cast mining.

4mks

c) Explain two factors influencing exploitation of trona in L.Magadi.

4mks

15. a) Define the term 'earth movement'.

2mks

b) Identify two types of earth movement .

2mks

c) Explain the continental drift theory.

4mks

16. The diagram below shows a fault under tensional force. Use it to answer the questions below.



a. Identify the type of fault.

1mk

b. State two other types of faults apart from the one mentioned in (a) above.

2mks

c. Name the angle L. 1mk

d. Name the distance m. 1mk

e. Mention two features resulting from faulting. 2mks

17. Differentiate between:

a. Magnitude and intensity of earthquakes. 2mks

b. Seismic and aseismic zones. 2mks

c. What are the effects of earthquakes? 4mks

18. a) Define the term 'bearing' as used in Geography. 2mks

b) Explain the following methods of representing relief on topographical maps.

i. Pictorial representation. 2mks

ii. Hachures. 2mks

19. Identify the three types of ground photographs.

3mks

20. The table below represents sugar cane production in five major factories in Kenya. Use it to answer the following questions:

Factory	Production in '000' tones
Sony	50
Nzoia	100
Chemilil	200
Muhoroni	250
Mumias	400

a. Using the data above, draw a divided rectangle 15cm length.

5mks

b. Give the difference in tonnage between sugar produced in Muhoroni and Nzoia factory.

(1mk)

21. a) Define the term climate

2mks

b) What is climate change?

2mks