

NAME:.....ADM.NODATE.....

SCHOOL:.....SIGNATURE.....

312
GEOGRAPHY
Form 1
THIRD TRIAL 2017
Time: 2¾ hours

312/1
GEOGRAPHY
Form 1
Time: 2¾ hours

INSTRUCTIONS TO CANDIDATES.

- 1. This paper has **19** questions.*
- 2. Answer **all** the questions provided.*

1 a. Define the term Geography (2 marks)

.....
.....

b. Name three main branches of Geography (3marks)

2. Define the following terms
Asteroids

(4 marks)

Comets

3. Apart from the earth which are other planets.

(7 marks)

4. Outline two weakness of the passing star theory

(2 marks)

5. Show how the following subjects are related to Geography.
Physics

(4 marks)

History

6 a. Identify the gap between the crust and mantle

(1 marks)

b. Outline the characteristics of the core (5 marks)

.....

.....

.....

.....

.....

7a. The _____ forces cause bulging of the earth at the equator and the _____ force cause flattening at the poles (2 marks)

b. State five evidence that show the earth is spherical in shape (5 marks)

.....

.....

.....

.....

.....

8. Differentiate between revolution and rotation of the earth (2 marks)

.....

.....

9. If the time at longitude 60° B is 10.00 am, what is the time in the following longitudes (3 marks)

a) 100° East

.....

b) 30° West

.....

10a. What is Stevenson's Screen (2 marks)

.....

.....

b. Why does the Stevenson's Screen have Metal stands (1 mark)

.....

Double boarding (1 mark)

.....

121. cm above the ground (1 mark)

.....

11. Using a diagram explain how the maximum thermometer works.

(8 marks)

b. Define the following

(6 marks)

Diurnal range

.....
.....

Mean monthly temperature

.....
.....

Mean annual temperature

.....
.....

12. Name four seasons that occur due to the revolution of the earth.

(4 marks)

.....
.....
.....
.....

13 a. Define the term humidity

(2 marks)

.....
.....

b. State the importance of humidity

(2marks)

.....
.....

c. Write down the formula used to calculate relative humidity

(2marks)

.....
.....

14. Define the following terms:

(6 marks)

Frost

.....
.....

Mist

.....
.....

Sleet

.....
.....

15. Describe how the sea breeze occurs

(4 marks)

.....
.....
.....
.....

16a. Name three types of high clouds

(3 marks)

b. State two characteristics of cumulus clouds

(2 marks)

17a. Define the term weather forecasting

(2 marks)

b. Outline the importance of weather forecasting

(4 marks)

18. Identify the four main layers of atmosphere

(4 marks)

19. The following are weather elements, name the instruments used to measure each element.

Element

Instrument

(3 marks)

Atmospheric Pressure

Wind speed

Sunshine