

GEOGRAPHY FORM ONE. TERM 3

1a) what is Geography? (2mks)

b) Briefly explain three reasons why the study of Geography is important (6mks)

c) Briefly explain the relationship between Geography and Mathematics (2mks)

2(a) what is the Solar System? (2mks)

(b) List four theories that explain the origin of the Solar System. (4mks)

3(a) (i) Differentiate between rotation and revolution of the earth (2mks)

(ii) Give two reasons for the earth's oblate spheroid shape (2mks)

(iii) What are the effects of the International dateline on time (2mks)

(b) State three characteristics of planets (3mks)

(c) If the Local time in Nairobi 37°E is 10.00am. What will be the time at Buchanan in Liberia at Longitude 10°W (2mks)

(d) State four proofs that the shape of the earth is spherical (4mks)

(e)(i) Name two layers of discontinuity that make up the interior of the earth (2mks)

(ii) State three characteristics of the outer core of the earth. (3mks)

4 a) what is a rock? (2mks)

b) (i) Describe three ways through which sedimentary rocks are formed. (6mks)

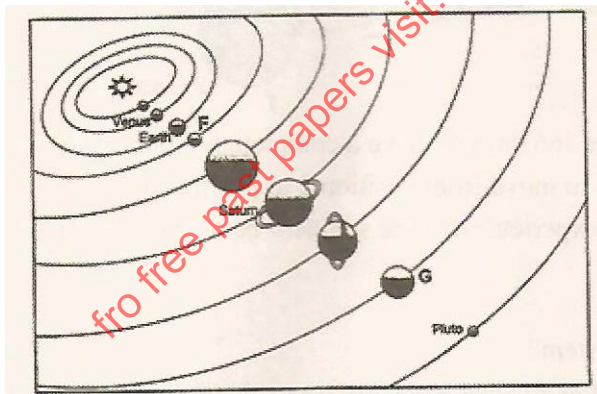
(ii) State two characteristics of sedimentary rocks (2mks)

(c) State four uses of rocks (4mks)

5 (a) (i) Define the atmosphere (2mk)

(ii) Name the four layers of the earth's atmosphere (4mks)

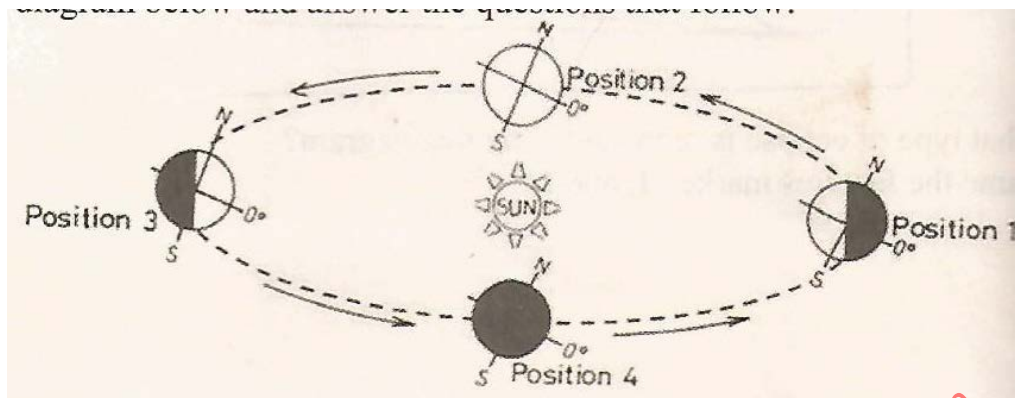
b. The diagram below shows the composition of the Solar System.



(i) Name the planets marked F and G.(2mks)

(ii) State three effects of the rotation of the earth on its axis (3mks)

(c) Study the diagram below and answer the questions that follow



(i) Which movement of the earth is represented by the diagram. (1mk)

(ii) Give two effects of the movement represented by the diagram. (2mks)

6. a) Name two elements of weather that can be recorded at a school weather station. (2mks)

b) Give three reasons why the recording of data at a school weather station may be inaccurate (2mks)

c) State two conditions that are necessary for the formation of fog (2mks)

d) State three characteristics of the intertropical convergence Zone (3mks)

E (i) Describe a suitable site where you would locate a weather station in your school (2mks)

(iii) Give reasons why a weather station is

-painted white (2mks)

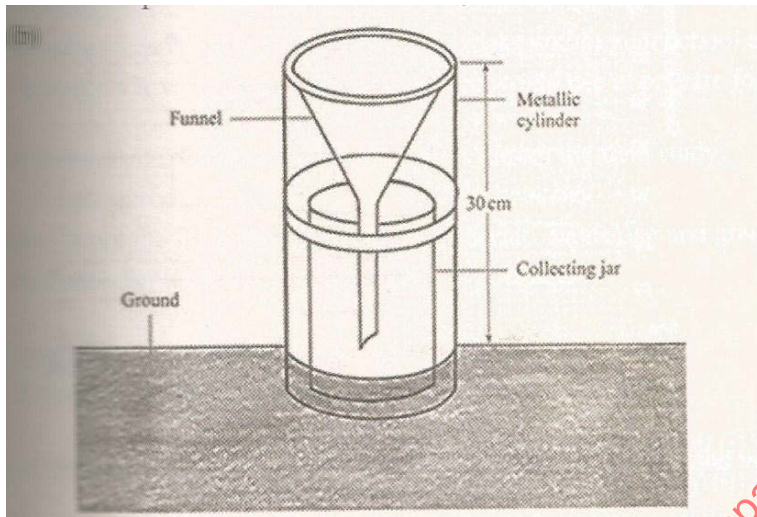
-has Louvers' (2mks)

7(a) Apart from water vapor, name two other substances that are suspended in the atmosphere (2mks)

b (i) Give two factors that are considered when classifying clouds (2mks)

(iii) Name two types of clouds that give rise to rainfall in tropical regions (2mks)

(c) The diagram below represents a weather measuring instrument. Use it to answer the questions that follow



- (i) What element of weather is measured using the instrument shown above (1mk)
- (ii) Describe how the instrument is used (3mks)

8(a) what is a metamorphic rock? (2mks)

(b) Give three examples of metamorphic rocks (3mks)

(c) (i) State four factors that influence the exploitation of minerals (4mks)

(iii) State two ways in which mining derelicts can be reclaimed (2mks)

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