June 2016

SECTION A
MAP WORK

1. Study the Map Extract of TAVISTOCK (1:50.000) provided and answer the questions that follow:

(a)   State:

(i)   The height of land in grid square 5585 (Rattlebrook Hill).

(ii)   Five human features found in grid square 5177.

(iii)   The drainage pattern formed by the tributary of River Tavy.

(iv)   The distance along the road'B3357 from 520750 to the right end of the map.

(v)   The difference between the landscape in square 5276 and that in 5181. (13 marks)

(b)   Draw a cross section diagram of the portion of the map between 490820 and 520800 and annotate the following:

(i)   The road A386

(ii)   The Trigonometrical station

(iii)   The dismantled railway

(iv)   The tributary of River Tavy   (8**marks)**

(c) Compare TAVISTOCK and PRINCETOWN under the headings: site, situation, functions.

(9 marks)
(Total = 30 marks)

SECTION B

PHYSICAL GEOGRAPHY

2. Study the following geographical definitions:

(i)   Crescent shaped section of a former pronounced meander now separated from the main river.

(ii)   A long depression between two parallel faults formed by either the forces of tension or compression.

(iii)   Volcanic mount with alternating layers of lava, ash and cinder with several vents.

(iv)   A long narrow ridge of hard rock in the hot desert that lies parallel to prevailing winds.

(v)   An isolated bare pillar of rock with steep sides in the ocean.

(vi)   Parallel ridges of sand in the hot desert lying in the direction of the prevailing wind.

(a)   Name the features defined.   **(3 marks)**

(b)   Select any TWO of the features named in (a)-and:

(i)   Draw well labelled diagrams to show their characteristics.

(ii)   Describe the processes that are involved in their formation.   **(8 marks)**

(c)   State TWO effects of earthquakes and one way by which each of these effects can be reduced. **(4 marks)**

(d)   Explain TWO (2) reasons 'why hot deserts are increasing in size in most parts of the world today.

(5 marks)
(Total = 20 marks)

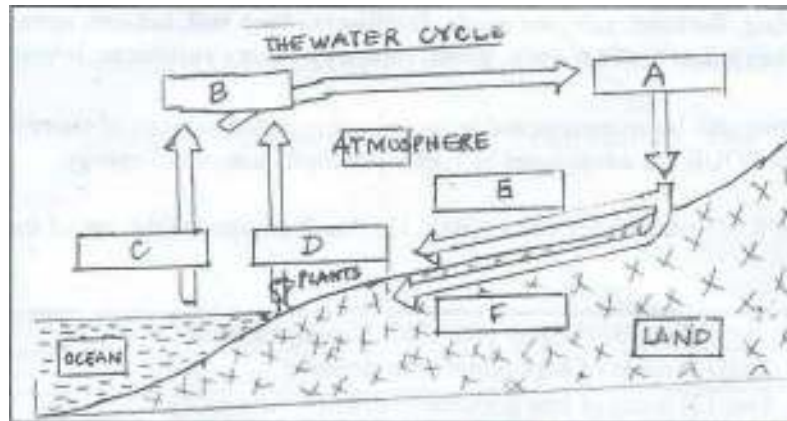3. Study the diagram of the hydrological (water) cycle (Figure 1).

Figure 1

(a)   In your answer booklet, use the following terms and match them up with the labels A-F on the
diagrams: condensation, evaporation, transpiration, overland flow, precipitation,
groundwater. (3 marks)

(b)   (i) Briefly explain each of the following phenomena: global warming, floods,desertification and tropical storms.
        (8marks)

(ii) Select any ONE of these phenomena in b (i) and state how its consequences can be reduced. (5 marks)

(c)   In your answer booklet, complete the table below on the effects of the revolution of the
earth in the Northern Hemisphere.

Effect	Date	
	December 22nd	June 21st
(i) Solstice in the northern hemisphere	A	B
(ii) Northern hemisphere daylight hours	C	D
(iii) Length of day in the Arctic Circle	E	F
(iv) Season in northern hemisphere	G	H

(4 marks)
(Total = 20 marks)

SECTION C

HUMAN GEOGRAPHY

4.   (a) Study the flow diagram (Figure 2) which shows the farming system for an extensive
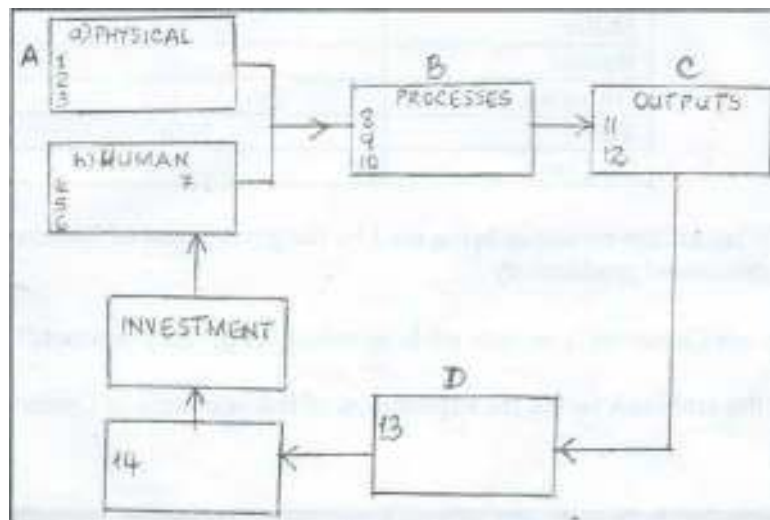   mechanised cereal farm.

Figure 2

In your answer booklet, complete the diagram (above) with the information listed below:

Wheat, ploughing, flatland, selected seeds, fertilizers, deep soil, labour, spraying with insecticides, market, machinery, harvesting, corn, profit (money), sunny summers, investments.   (7 marks)

(b)   (i) Distinguish between renewable and non-renewable sources of energy.

(ii) State FOUR (4) advantages of HEP over fossil sources of energy.   (6 marks)

(c)   Give FOUR (4) advantages and THREE (3) disadvantages of the use of the internet.(7 marks)

(Total = 20 marks)

5.(a)   (i) On the outline world map provided, shade and name:

•   Two (2) areas of high population density

•   Two (2) areas of low population density. Add a key.   (5 mark)

(ii) Give THREE (3) reasons for the low density of population in ONE of the shaded areas on the map.   (6 marks)

(b)   State TWO (2) assumptions and TWO (2) conclusions of Alfred Weber's model of industrial location.   (4 marks)

(c)   State Five (5) problems that face the ECOWAS.   (5 marks)

(Total = 20 marks)

SECTION D

CAMEROON GEOGRAPHY

4.   (a)   (i) On the outline map of Cameroon provided, show the main climatic zones.

(ii) Describe the main climatic characteristics of any ONE NAhjED climatic zone. **(10 marks)**

(b)   What factors have favoured the growth of the coastal industrial belt of Cameroon?

(5 marks)

(c)   Why does the Western Region of Cameroon have many urban centres? **(5 marks)**

(Total = 20 marks)

5.   (a)   (i) Copy and complete the table below in your answer booklet:

6.

Crops	Main Cultivation Areas
Robusta Coffee	
Cocoa	Meme
Rice	
Tobacco	
Rubber	
Millet	
Banana	
Oil palms	
Tea	Ndu
Sorghum	

(4 marks)

(ii) What are the measures being used by the government of Cameroon to improve on

agricultural productivity.   **(6 marks)**

(b)   Why are Cameroon's exports made up mostly of primary products?   **(4 marks)**

(c)   State the problems facing the exploitation of fish resources in Cameroon.   **(6 marks)**

(Total =20 marks)