G.H.S.   **E.O.T. GEOGRAPHY PAPER**   **S. 2**
              TIME: 1 HOUR 20 MINUTES   **APRIL 2012**

INSTRUCTIONS:

*Answer **two** questions in all. Question 1 in section A is compulsory. Answer any **one** question from section B.*

SECTION A: *(Compulsory)*

1. Study the table below showing the temperature and rainfall figures of station A and answer the questions that follow:

Station A

Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temps. (oC)	12	15	20	25	30	35	37	36	33	26	20	16
Rainfall (mm)	-	-	5	10	15	40	90	60	20	15	-	-

a) Draw a suitable climatic graph to show the information given in the table above.   *(8 marks)*

b) Calculate the following:
   (i) Annual range of temperature   *(2 marks)*
   (ii) Mean annual temperature   *(2 marks)*
   (iii) Mean annual rainfall   *(2 marks)*

c) (i) Describe the characteristics of the climate of station A.   *(5 marks)*
    (ii) State the type of climate experienced in station A.   *(1 mark)*

d) i) Suggest any three (3) economic activities that can be carried out in the area around station A.   *(3 marks)*
   ii) Explain why rainfall is measured in terms of length (mm) and not in terms of volume (ml or mm³).   *(2 marks)*

SECTION B: North America
*Answer **one** question from this section*

2. (a) Draw the site map of New York Metropolitan area and on it mark and label the following features;
        i) Airports: Newark and J.F. Kennedy
        ii) Islands: Long and Manhattan
        iii) Rivers: Passaic and East
        iv) Upper bay   *(8 marks)*

(b) Identify the five (5) boroughs of New York City   *(5 marks)*

(c) Describe five (5) functions of New York City.   *(5 marks)*

(d) (i) Explain five (5) problems common to New York City and Kampala city.
                                                                     (5 marks)
    (ii) Outline two (2) problems faced in Kampala City but not in New York
      City.   *(2 marks)*

3.   (a) Define the following terms as use in water transport:
         (i) Hinterland   *(2 marks)*
         (ii) Dock   *(2 marks)*
         (iii) Harbour   *(2 marks)*
         (iv) Containerisation   *(2 marks)*

(b) Describe the conditions that have favoured New York port as a natural
    Harbour.   *(5 marks)*

(c) Explain the:
    (i) Advantages of containerisation at the port of New York.   *(4 marks)*
    (ii) Disadvantages of using containers at New York Port.   *(4 marks)*

(d) Explain the effects of industrialization on the environment of New York
    Metropolitan area.   *(4 marks)*