K.C.S.E. GEOGRAPHY PAPER 231/2 2007

SECTION A

Answer all the questions in this section.

1. (a) Name two exotic breeds of dairy cattle reared in Kenya. (2 marks)
(b) State three physical conditions that favour dairy farming in Denmark. (3 marks)

2. (a) State two climatic conditions that favour the growing of oil palm in Nigeria. (2 marks)
(b) Give two problems experienced in the marketing of palm oil in Nigeria. (2 marks)

3. The table below shows petroleum production in thousand barrels per day for countries in the Middle East in April 2006. Use it to answer question (a).

<table>
<thead>
<tr>
<th>Country</th>
<th>Production in '000 barrels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iran</td>
<td>3800</td>
</tr>
<tr>
<td>Kuwait</td>
<td>2550</td>
</tr>
<tr>
<td>Qatar</td>
<td>800</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>9600</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>2500</td>
</tr>
<tr>
<td>Iraq</td>
<td>1900</td>
</tr>
</tbody>
</table>

(a) (i) What is the difference in production between the highest and the lowest producer? (1 mark)
(ii) What is the total amount of petroleum produced in April 2006 in the region? (1 mark)
(iii) Calculate the average daily petroleum production for Kuwait for April 2006. (1 mark)

(b) State three conditions that are necessary for the formation of petroleum. (3 marks)
Below is a sketch map showing part of the Great Lakes and St. Lawrence Sea Way. Use it to answer question (a).

![Map of Great Lakes and St. Lawrence Sea Way]

**KEY**

--- International boundary

(a) Name

(i) the port marked P.  
(ii) the canal marked Q.  
(iii) the lake marked R.  

(b) State three ways in which the Great Lakes and St. Lawrence Sea Way has contributed to the growth of industries in the region.  

5 (a) Apart from HIV and AIDS, give two other causes of mortality in East Africa.  
(b) State two ways in which the spread of HIV and AIDS in Kenya may slow down economic development.
SECTION B

Answer question 6 and any other two questions in this section.

6. The photograph provided shows a tea growing area in Kenya. Use it to answer questions (a) and (b).

(a) (i) What evidence in the photograph shows that this is a ground general-view type of photograph? (2 marks)

(ii) Draw a rectangle measuring 15cm by 10cm to represent the area of the photograph. On it sketch and label the main features shown on the photograph. (5 marks)

(iii) Identify two features from the photograph that show that this is a small scale tea farm. (2 marks)

(b) Describe the stages involved in the cultivation of tea from land preparation to the stage shown on the photograph. (6 marks)

(c) (i) Name two districts in the Eastern Province where tea is grown. (2 marks)

(ii) Explain four ways in which the Kenya Tea Development Agency (KTDA) assists small scale tea farmers in Kenya. (8 marks)

7. (a) Name three agricultural food processing industries in Kenya. (3 marks)

(b) Explain how the following factors have favoured the development of industries in Thika town:

(i) proximity to Nairobi; (2 marks)
(ii) availability of water; (2 marks)
(iii) the hinterland. (2 marks)

(c) Explain four ways in which Kenya has benefited from industrialization. (8 marks)
8
(a) (i) Name two towns in Kenya where motor-vehicle assembling plants are located. (2 marks)

(ii) Explain three factors which have favoured the development of car manufacturing industry in Japan. (6 marks)

(b) What is forestry? (2 marks)

(ii) Explain three factors that favour the growth of natural forests on the slopes of Mt. Kenya. (6 marks)

(iii) State five factors that have led to the reduction of the area under forest on the slopes of Mt. Kenya. (5 marks)

(c) Explain four measures that the government of Kenya is taking to conserve forests in the country. (8 marks)

Give the differences in the exploitation of softwood forests in Kenya and Canada under the following sub-headings:

(i) period of harvesting; (2 marks)

(ii) Transportation. (2 marks)

9
(a) (i) Name three international airports in Kenya. (3 marks)

(ii) Give four advantages of air transport over road transport. (4 marks)

(b) Explain four measures that should be taken to improve road transport in Kenya. (8 marks)

(c) Explain why there are few rail links among African countries. (6 marks)

(d) Give four reasons why there is limited use of river transport in Africa. (4 marks)

10
(a) (i) State two causes of water pollution. (2 marks)

(ii) Give two effects of water pollution on the environment. (2 marks)

(b) Explain four methods used to control floods on rivers in Kenya. (8 marks)
(c) Explain how the following soil conservation methods improve the quality of soil:

(i) Contour farming;  
(ii) Mulching;  
(iii) Crop rotation.  

(d) You intend to carry out a field study on pollution in the local open air market.

(i) State three reasons why it would be necessary for you to visit the market before the actual field study.  

(ii) Give two methods that you would use to collect information on pollution.  

(iii) Give two follow-up activities you would carry out after the field study.