INSTRUCTIONS TO CANDIDATES:

(a) *This paper has two sections A and B.*

(b) *Answer ALL questions in Section A. In section B answer question 6 and any other two questions.*

(c) *All answers must be written in the answer booklet provided.*

(d) *Candidates to check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
SECTION A

Answer ALL Questions.

1. (a) Name two main tea growing areas in the eastern highlands of Kenya. (2mks)

   (b) State three ways in which the Kenya Tea Development Agency assists small scale tea farmers in Kenya. (3mks)

2. (a) Define the term industrial inertia. (2mks)

   (b) State three main factors that causes industrial inertia. (3mks)

3. (a) What is Agroforestry? (2mks)

   (b) State three reasons why Agroforestry is being encouraged in Kenya. (3mks)

4. (a) Distinguish between a Game reserve and a National park. (2mks)

   (b) State three factors influencing tourism in Switzerland. (3mks)

5. (a) Give three problems facing Regional Trading Blocks. (3mks)

   (b) State two ways which the government of Kenya has put in place to sustain her international trade. (2mks)

SECTION B

Answer question 6 and any other two questions in this section

6. Study the table below on the population of country X and use it to answer question (a)

<table>
<thead>
<tr>
<th>Age group</th>
<th>Male (in 0,000)</th>
<th>Female (in 0,000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 4</td>
<td>274</td>
<td>286</td>
</tr>
<tr>
<td>5 – 9</td>
<td>269</td>
<td>280</td>
</tr>
<tr>
<td>10 – 14</td>
<td>250</td>
<td>267</td>
</tr>
<tr>
<td>15 – 19</td>
<td>197</td>
<td>216</td>
</tr>
<tr>
<td>20 – 24</td>
<td>173</td>
<td>171</td>
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<tr>
<td>25 – 29</td>
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<td>30 – 34</td>
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<td>35 – 39</td>
<td>110</td>
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<td>40 – 44</td>
<td>98</td>
<td>101</td>
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<td>45 – 49</td>
<td>76</td>
<td>84</td>
</tr>
<tr>
<td>50 – 54</td>
<td>50</td>
<td>62</td>
</tr>
<tr>
<td>55 – 59</td>
<td>35</td>
<td>39</td>
</tr>
<tr>
<td>60 – 64</td>
<td>17</td>
<td>16</td>
</tr>
<tr>
<td>65 +</td>
<td>12</td>
<td>10</td>
</tr>
</tbody>
</table>
(a) (i) Calculate the percentage of each age group to one decimal place. (5mks)

(ii) Using a suitable scale, draw an age-sex pyramid to represent this data. (6mks)

(iii) State three characteristics of the population as depicted in the age sex pyramid in (ii) above. (3mks)

(b) The graph below shows the population growth stages.

![Age-Sex Pyramid Diagram]

Describe the four stages of this demographic trend. (8mks)

(c) State three cultural factors that influenced the high population growth rate in Kenya. (3mks)

7. (a) (i) What is mining? (2mks)

(ii) Describe how deep-shaft mining is carried out. (4mks)

(b) Name the method used in mining Trona on:
   (i) Lake Magadi in Kenya. (1mk)

   (ii) Give three uses of Soda Ash. (3mks)

   (iii) Explain three ways in which Trona mining contribute to the economy of Kenya. (6mks)

(c) (i) Name three oil producing countries in the Middle East. (3mks)

   (ii) Explain three negative effects of mining on the environment. (6mks)
8. (a) (i) What is a polder? (1mk)

(ii) Name **two** methods used in land rehabilitation in Kenya. (2mks)

(iii) State **three** measures used to control tsetse flies in Lambwe Valley. (3mks)

(b) (i) Name **two** Rivers which are sources of water to Mwea Irrigation Scheme. (2mks)

(ii) Name **two** subsistence crops grown in Mwea Irrigation scheme. (2mks)

(iii) Explain **three** human factors which influenced the location of Mwea Irrigation Settlement. (6mks)

(c) (i) State **three** benefits of the Delta Plan Project. (3mks)

(ii) Outline **three** similarities of land reclamation in Kenya and the Netherlands. (6mks)

9. (a) Use the map given below to answer the questions that follow.

(i) Name the ocean currents marked X and Y. (1mk)

(ii) Name the country marked P, which is considered as one of the leading fishing nations of the world. (1mk)

(iii) Explain **three** factors that make country P the leading fishing nation. (6mks)
(b) State **four** reasons why Africa is not a major producer and exporter of fish and fish products. (4mks)

(c) Explain **four** significance of fishing industry to Kenya. (8mks)

(d) Form **four** students from a school in Turkana County undertook fieldwork on fishing within Lake Turkana.  
(i) Give **two** methods of fishing they are likely to have come across. (2mks)

(ii) If one of their objectives was to establish the problems facing the fishing industry, state **three** of these problems they are likely to have found out. (3mks)

10. (a) (i) Define the term “energy crisis.” (2mks)

(ii) State **three** measures which Kenya may take to manage energy crisis. (3mks)

(b) (i) What is solar energy? (1mk)

(ii) State **three** disadvantages of solar energy. (3mks)

(iii) Explain **three** problems facing hydroelectric power projects in Kenya (6mks)

(c) (i) Identify **two** non-renewable sources of energy. (2mks)

(ii) Explain **four** significance of energy to the economy of Kenya. (8mks)