**NAME:….….……………………………..……………...... INDEX NO: ……………..……………….**

**SCHOOL:…….…………………………………………… CANDIDATE’S SIGN:………………….**

**DATE: ………………………………………………..........**

**312/2**

**GEOGRAPHY**

**PAPER 2**

**Nov. 2017**

**TIME: 2¾ HOURS**

***Kenya Certificate of Secondary education (K.C.S.E)***

***Form Three (3)***

***Geography***

***Paper 2***

**INSTRUCTIONS**

* *This paper consists of Section A and B.*
* *Answer ALL questions in Section A and from Section B, answer question 6 and other* ***TWO****questions.*
* *Questions in section B carry equal marks.*
* *Answer to the questions* ***MUST*** *be written on the answer booklet provided.*

***This paper consists of 4 printed pages.***

***Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing***

**Section A [25mks]**

***Answer all questions from this section***

1. a] What is placer mining? [2mks]

[b] State three uses of soda ash [3mks]

2. a] Distinguish between forests and forestry [2mks]

[b] State three importance of forests to the physical environment [3mks]

3. [a] What is environmental conservation? [2mks]

[b] State three ways of conserving the environment [3mks]

4. [a] State three advantages of rail transport over road transport in Kenya [3mks]

[b] Give two ways in which the completed Kisumu International airport benefits the lake region of E. Afri [2mks]

5. a] Define the term mixed farming [2mks]

[b] Give three characteristics of mixed farming [3mks]

**SECTION B**

***Answer questions 6 and any other two questions from this section.***

6. Study the photograph below and answer the questions that follow;

**Photograph No. 7**

a] i] Identify the type of the photography shown [1mk]

[ii] Give two reasons for your answer in a[i] above [2mks]

[b] i] what activity is shown on the photograph [1mk]

[ii] Draw a rectangle 14cm by 10cm to represent the photograph shown and on it name the

 following features;

* Forests
* Crops
* Stamps

[c] i] Account for five characteristics of equatorial rainforests [5mks]

[ii] Compare forestry in Kenya and Canada under the following headings;

- Exploitation [2mks]

- Transportation [2mks]

[iii] State three problems facing forestry in Canada [3mks]

[d] Give four reasons why the government of Kenya is keen on conserving mau-forest[4mks]

7. a] i] What is a mineral? [2mks]

[ii] Describe three ways minerals occur [3mks]

b] i] Explain four factors affecting the exploitation of minerals in Kenya [8mks]

 [ii] Where are the following minerals mined in Kenya? [3mks]

-Trona

-Diatomite

-Gold

[c] i] Outline three challenges facing under-ground mining on a method of mining used I mining industry [3mks]

ii] State six economic benefits of mining to the economy of Kenya [6mks]

8. a] i] Name three paces in Western Kenya where tea is grown [3mks]

[ii] State four physical conditions that favour tea growing in Kenya. [4mks]

[b] The table below shows tea production in Kenya for two years;

|  |  |
| --- | --- |
| **Year**  | **Tea production in tonnes** |
| 175185 | 56,000137,000 |

[i] Calculate the percentage increase in tea production over the ten years period [2mks]

[ii] Give two reasons why there as an increase in tea production over the given period [2mks]

[c] Describe the stages through which tea is processed from picking to the time of marketing [6mks]

[d] Explain four problems experienced in small scale tea faming in Kenya [8mks]

9. a] i] What do you understand by the term disaster? [2mks]

[ii] Give three examples of disaster experiences in Kenya yearly. [2mks]

[b] i] Name two rivers in Kenya which cause large scale flooding [2mks]

[ii] Explain four ways in which people are affected by floods [8mks]

[iii] Explain five methods through which floods can be controlled [10mks]

10. a] Explain the meaning of:-

[i] Soil erosion [2mks]

[ii] Soil profile [2mks]

[iii] Soil catena [2mks]

[b] What are the main causes of soil erosion in Kenya [8mks]

[c] Describe three methods used in Kenya to check soil erosion [6mks]

[d] Explain how soil erosion affects:-

[i] Arable land [2mks]

[ii] Water resources [3mks]

**End**

**End**