

# THE KENYA NATIONAL EXAMINATIONS COUNCIL



*C700*  
*18/12/84*  
DIRECTOR  
QUALITY ASSURANCE AND STANDARDS  
MINISTRY OF EDUCATION  
P.O. Box 30426 - 00100,  
TEL: 318581  
NAIROBI

This is to certify that the candidate named below sat for the Examination for the Kenya Certificate of Education and qualified for the award of a

## KENYA CERTIFICATE OF EDUCATION

### DIVISION IV

THE CANDIDATE REACHED THE GRADE SHOWN IN THE SUBJECTS NAMED

GAUDENCIA BASINGO

63049/033

CREGE GIRLS' HIGH SCHOOL

|                          | Grade |
|--------------------------|-------|
| ENGLISH LANGUAGE         | 7     |
| LITERATURE IN ENGLISH    | 6     |
| CHRISTIAN REL. EDUCATION | 5     |
| GEOGRAPHY                | 9     |
| LUGHA YA KISWAHILI       | 9     |
| MATHEMATICS              | 9     |
| PHYSICAL SCIENCE         | 8     |
| BIOLOGY                  | 9     |

SUBJECTS NAMED EIGHT

SUBJECTS PASSED FOUR

EXAMINATION OF NOVEMBER/DECEMBER 1984

Secretary

Kenya National Examinations Council

Chairman

Kenya National Examinations Council

KCE

Kenya Certificate of Education  
Examination  
2012  
Grade 12  
Biology  
Theory  
Paper 2

Time: 2 hours  
Candidates must write their names and registration numbers in the spaces provided.

Instructions:  
1. Answer all questions.  
2. Write your answers in the spaces provided.  
3. Use a pencil to draw diagrams.

1. (a) Define the following terms:  
i. Population  
ii. Community  
iii. Ecosystem  
(b) Explain the difference between a population and a community.

2. (a) Draw a diagram of a flower showing the following parts:  
i. Sepal  
ii. Petal  
iii. Stamen  
iv. Pistil

(b) Explain the function of each part.  
3. (a) Define the following terms:  
i. Speciation  
ii. Adaptation  
iii. Extinction  
(b) Explain the process of speciation.  
4. (a) Define the following terms:  
i. Mutation  
ii. Natural selection  
iii. Genetic drift  
(b) Explain the role of mutation in evolution.  
5. (a) Define the following terms:  
i. Gene  
ii. Allele  
iii. Genotype  
iv. Phenotype  
(b) Explain the difference between a gene and an allele.

*CTW*  
*19*  
*29/10/2012*  
**DIRECTOR**  
**QUALITY ASSURANCE AND STANDARDS**  
**MINISTRY OF EDUCATION**  
**P.O. Box 30426 - 00100,**  
**TEL: 318581**  
**NAIROBI**