



1.0 INTRODUCTION

1.1 GENERAL INFORMATION ON THE KENYA NATIONAL EXAMINATIONS COUNCIL

The Kenya National Examinations Council (the Council) was established by the Government of Kenya in 1980 by an Act of Parliament (CAP 225A) as a non-profit making institution to conduct school and post-school examinations and award certificates to successful candidates.

THE COUNCIL'S VISION: *To be the leading organisation in testing and assessment for quality education.*

THE COUNCIL'S MISSION: *To objectively evaluate learning achievements so as to enhance and safeguard nationally and internationally acceptable certification standards.*

1.1.1 THE COUNCIL'S CORE FUNCTIONS:

- a) Development of both school and post-school examinations;
- b) Registration of candidates;
- c) Administration and processing of the examinations;
- d) Certification;
- e) Researching into examinations and the curriculum and;
- f) Equation of certificates from other examining boards.

1.1.2 THE COUNCIL'S STRATEGIC OBJECTIVES:

- a) To develop and administer tests and examinations annually for Kenya Certificate of Primary Education (KCPE), Kenya Certificate of Secondary Education (KCSE) and Post-School candidates and to ensure that these tests and examinations are free from *bias* and are *valid, reliable, relevant, efficient* and of globally *accepted standards*.
- b) To conduct examinations, publish the results and issue certificates.

To achieve its Mandate, Vision, Mission and Strategic Objectives, the Council: - *develops, moderates, prints, distributes, administers, marks, processes examinations* and awards *certificates* to successful candidates in the following examinations: -

a) SCHOOL EXAMINATIONS:

- i) Kenya Certificate of Primary Education Examination (KCPE)
- ii) Kenya Certificate of Secondary Education Examination (KCSE)

b) POST SCHOOL EXAMINATIONS:

- i) Primary Teachers Education Examination (PTE),
- ii) Business Examinations,
- iii) Technical Examinations,
- iv) Teacher Certificate in Adult Education Examination (TCAE),
- v) Early Childhood Development Education Examination (ECDE)

2.0 GENERAL INFORMATION ON THE YEAR 2006 KCSE EXAMINATION REPORT

2.1 THE YEAR 2006 KCSE EXAMINATION CANDIDATURE

In the year 2006, there were 243,453 candidates who were registered for the KCSE examination compared to 260,665 candidates who registered for the same examination in the year 2005.

The information on total candidature by gender for the year 2006 KCSE examination has been *tabulated* below. Information for the years 1999, 2000, 2001, 2002, 2003, 2004 and 2005 has been included for comparison purposes.

Table 1: KCSE Examination Candidature by gender for the last seven years

YEAR	CANDIDATURE TRENDS		
	TOTAL	MALE TOTAL	FEMALE TOTAL
2006	243,453	129,071	114,382
2005	260,665	141,256	119,409
2004	222,676	120,067	102,609
2003	207,730	111,589	96,141
2002	198,356	106,164	92,192
2001	194,883	104,911	89,972
2000	181,966	97,956	84,010
1999	172,883	93,487	79,396

2.2 CANDIDATES' PERFORMANCE IN THE YEARS 2005 AND 2006 KCSE EXAMINATIONS

Table 2 below shows candidates general performance in all subjects for the years 2005 and 2006.

Table 2: Candidate's Performance by gender in the years 2005 and 2006 KCSE Examinations in all the Subjects

SUBJECT NAME & CODE	2005				2006			
	FEMALE		MALE		FEMALE		MALE	
	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %
English (101)	118,901	42.92	140,430	42.86	113,754	39.75	128,286	39.78
Kiswahili (102)	118,898	46.78	140,403	45.24	113,767	52.56	128,280	51.87
Mathematics (121)	118,898	12.97	140,414	18.49	113,802	15.78	128,323	21.87
Biology (231)	113,605	27.24	121,370	32.01	108,065	25.00	109,863	29.84
Physics (232)	19,288	32.85	50,136	35.99	21,376	39.07	51,123	40.82
Chemistry (233)	116,826	24.54	136,684	29.44	111,969	22.56	124,932	27.01
Biological Science (235)	18	27.97	25	29.74	16	26.16	37	24.48
History & Govt. (311)	64,073	46.85	78,851	54.83	66,228	46.72	78,206	54.04
Geography (312)	45,185	38.00	61,088	43.70	41,929	38.16	56,088	44.38

SUBJECT NAME & CODE	2005				2006			
	FEMALE		MALE		FEMALE		MALE	
	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %
CRE (313)	67,883	57.00	52,004	57.74	82,613	55.63	61,678	55.40
IRE (314)	1,913	60.62	3,575	62.73	2,257	56.74	3,848	59.60
HRE (315)	05	62.20	10	48.40	08	57.44	05	62.60
Home Science (441)	9,942	58.90	593	54.00	9,856	49.42	730	43.28
Art and Design (442)	375	59.39	662	57.37	358	61.26	750	61.93
Agriculture (443)	47,709	43.83	58,460	47.85	47,275	35.96	58,888	41.09
Aviation Tech. (450)	-	-	79	65.00	-	-	46	65.80
Computer Studies (451)	1,708	51.37	1,696	57.33	1,874	52.09	2,309	56.87
French (501)	1,520	36.43	730	38.83	1,397	40.88	862	42.85
German (502)	254	61.10	107	57.42	222	60.99	94	63.76
Arabic (503)	246	64.06	489	67.65	311	64.26	663	69.07
Music (511)	820	52.22	651	51.05	746	52.20	553	51.03
Business Studies (565)	-	-	-	-	51,340	43.19	59,359	48.86

Observations on Candidates Performance

- In the year 2006 KCSE examination, female candidates performed better than male candidates in only four (04) *subjects* out of the 22 subjects. These were *Kiswahili (102)*, *CRE (313)*, *Home Science (441)* and *Music (511)*.
- In the year 2006 KCSE examination, there were more female candidates who sat for *CRE (313)*, *HRE (315)*, *Home Science (441)*, *French (501)*, *German (502)* and *Music (511)* when compared to male candidates.

2.3 RANKING OF KCSE SCHOOLS

Ranking of KCSE schools is worked out by considering all the candidates' mean grades and marks to obtain a school mean grade and mark. This is expressed as what is commonly referred to as the performance index which is based on a twelve point numeric grading system.

2.3.1 RANKING OF KCSE CANDIDATES

- 2.3.1.1 KCSE candidates are ranked nationally and by province. This is based on the individual candidates subject mean percentage marks in accordance with KCSE Awards criteria based on the minimum seven best performed subjects.
- 2.3.1.2 The Council uses subject percentage mean marks to rank candidates instead of using grades for the following reasons:
- 2.3.1.3 If grades are used to rank candidates, many candidates will tie in one position because a grade has a range of marks;
- 2.3.1.4 Grades do not distinguish variations in candidates' scores. For example two candidates could have *As* in a particular subject, one with an *A* of 82 and the other one with an *A* of 73.

2.4 THE REVISED YEAR 2006 KCSE CURRICULUM

It is important to note that candidates sat for KCSE examinations under the revised curriculum for the first time in the year 2006. Notable changes in this new curriculum included: -

- (i) Harmonization of the three Science subjects (Biology, Physics and Chemistry) in terms of the number of papers, the format of the papers and the maximum marks allocated to each paper.
- (ii) Introduction of Business Studies subject (565) which is an amalgamation of Accounting, Commerce, Economics and Office Practice;
- (iii) Changes in the Paper formats, paper contents, timing and maximum marks allocated in Home Science and Agriculture.
- (iv) Exclusion of some of the group 3, group 4 and group 5 subjects from the syllabus.

2.5 OVERVIEW OF THE YEAR 2006 KCSE EXAMINATION REPORT

This report covers two areas of the year 2006 KCSE examination. *Part I* deals with the examination questions which the majority of the candidates found difficult. *Part II* covers all the question papers and their sample marking schemes in groups 1, 2 and 3 subjects and the year 2006 KCSE Top Ten schools and candidates.

It should be noted that the attached marking schemes are but a sample. These sample marking schemes are normally discussed in detail by the examiners and may be amended accordingly before they are used to score the candidates scripts.

The KCSE examination report analyses in detail candidates' performance in the KCSE examination. Its main aim is to provide a feedback on candidates' performance in KCSE examination subjects, with a focus on those questions which candidates found difficult. Such questions have been identified and discussed, possible causes of mistakes pointed out and expected answers in some cases have been given in order to show what kind of answers were expected.

The report indicates areas of the syllabus not adequately covered as evidenced by the poor performance of candidates in these areas and gives recommendations on how such areas could be managed or better taught.

2.6 GENERAL COMMENTS ON THE FEEDBACK REPORT

It is hoped that schools will find the information given in this feedback report useful. The Council will highly appreciate any informed comments and suggestions from teachers, students and the public that can be considered for inclusion in the next issue of this report to enrich it. We hope that this report will continue to create an avenue through which teachers can share their experiences especially in the handling of those topics that students find difficult to understand.

Comments/suggestions from teachers, students and the public may be forwarded to the Council in writing or by completion of the questionnaire inserted in every copy of this report. We thank all those who have in the past given us useful suggestions/or comments on previous issues of this report.

The Council would like to remind schools and the general public that all the past and current issues of the KCSE examination reports can be purchased from The Kenya

National Examinations Council, Mitihani bookshop situated on the Ground floor of the National Housing Corporation Building along Aga Khan Walk, opposite Co-operative Building. The cost and postage charges of the KCSE examination reports will be given on request.

2.7 APPRECIATION

Finally, I wish to commend the efforts of Mr. E. Wanderi, Mr. I. Gicheru, Mr. F. Kyalo, Mrs. J. Wachira, Mrs. R. Nthamburi, Mr. G. Mwanzia, Mrs. Z. Mutea, Ms. J. Sabari, Ms. J. Maribie, Mr. P. Kimanthi, Mr. F. A Otieno, Mr. P. Miano, Mr. G. Itute, Mrs. L. Njuguna, Mr. J. Onjoro, Mrs. L. Ngugi, Mr. H. Bundu, Mrs. A. Onacha, Mr. G. Katungwa, Mr. J. King'ori, Mr. S. Wainaina, Mrs. R. Wambutta and all the officers in Research & Data Processing, Test Development, Manuscript and Reprographics Departments and the entire Senior Management of the Council for their contribution in one way or the other to the preparation and publication of this report.



PAUL M. WASANGA
COUNCIL SECRETARY/CHIEF EXECUTIVE

25.0 THE YEAR 2006 KCSE EXAMINATION TOP TEN SCHOOLS AND CANDIDATES

25.1 THE YEAR 2006 KCSE TOP TEN SCHOOLS

25.1.1 TABLE I: TOP TEN NATIONAL SCHOOLS

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	400004	STAREHE BOYS CENTRE & SCH	207	10.8840
2	200001	ALLIANCE HIGH SCH	183	10.3934
3	200005	LORETO HIGH SCH LIMURU	178	10.3202
4	200003	MANGU HIGH SCH	194	10.2938
5	500001	MOI GIRLS HIGH SCH ELDORET	188	9.8031
6	700001	MASENO SCH	199	9.7839
7	400003	KENYA HIGH SCH	200	9.7400
8	200002	ALLIANCE GIRLS HIGH SCH	182	9.6758
9	400001	LENANA SCH	219	9.6118
10	500008	UTUMISHI ACADEMY	142	9.5140

SUMMARY

<i>NUMBER OF BOYS SCHOOLS</i>	<i>06(60.00%)</i>
<i>NUMBER OF GIRLS SCHOOLS</i>	<i>04(40.00%)</i>
<i>NUMBER OF MIXED SCHOOLS</i>	<i>00(0.00%)</i>
<i>TOTAL NUMBER OF SCHOOLS</i>	<i>10(100.00%)</i>

25.1.2 TABLE II: TOP TEN PROVINCIAL SCHOOLS

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	401018	PRECIOUS BLOOD GIRLS SEC SCH RIRUTA	92	10.3043
2	602606	FRIENDS SCH KAMUSINGA	206	10.1844
3	106117	MAMA NGINA GIRLS SEC SCH	83	10.0481
4	208101	NJIIRI SCH	170	9.7882
5	202101	BISHOP GATIMU NGANDU GIRLS HIGH SCH	125	9.7680
6	401017	PANGANI GIRLS' SCH	289	9.7612
7	707304	KANGA HIGH SCH	163	9.6625
8	202501	NYERI HIGH SCH	168	9.6607
9	511301	NAIVASHA GIRLS SEC SCH	97	9.5979
10	307701	PRECIOUS BLOOD SEC SCH KILUNGU	96	9.5208

SUMMARY

<i>NUMBER OF BOYS SCHOOLS</i>	<i>04 (40.00%)</i>
<i>NUMBER OF GIRLS SCHOOLS</i>	<i>06(60.00%)</i>
<i>NUMBER OF MIXED SCHOOLS</i>	<i>00(00.00%)</i>
<i>TOTAL NUMBER OF SCHOOLS</i>	<i>10 (100.00%)</i>

25.1.3 TABLE III: TOP TEN DISTRICT SCHOOLS

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	303301	NGUVIU BOYS HIGH SCH	165	9.2666
2	205403	KAGWE GIRLS SEC SCH	102	9.0882
3	106203	MOI FORCES ACADEMY MOMBASA	106	8.7830
4	202312	MAHIGA GIRLS SEC SCH	131	8.1374
5	704206	WIOBIERO SEC SCH	47	7.9787
6	801106	YOUNG MUSLIM HIGH SCH	26	7.9230
7	307806	KISAU GIRLS SEC SCH	88	7.8068
8	607003	MAKHUKHUNI SEC SCH	39	7.7179
9	703705	AMABUKO SEC SCH	80	7.7000
10	303502	KEGONGE SEC SCH	119	7.6974

SUMMARY

<i>NUMBER OF BOYS SCHOOLS</i>	<i>02 (20.00%0</i>
<i>NUMBER OF GIRLS SCHOOLS</i>	<i>04(40.00%)</i>
<i>NUMBER OF MIXED SCHOOLS</i>	<i>04(40.00%)</i>
<i>TOTAL NUMBER OF SCHOOLS</i>	<i>10(100.00%)</i>

25.1.4 TABLE IV: TOP TEN PRIVATE SCHOOLS

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	400005	STRATHMORE SCH	80	10.4125
2	401067	KIANDA SCH	64	10.3593
3	401099	SUNSHINE SEC SCH	147	9.9523
4	514207	MARY MOTHER OF GRACE BOYS SEC SCH	35	9.7428
5	106304	SHEIKH KHALIFA BIN ZAYED ALNAHYAN S & TECH	144	9.6736
6	106106	THE AGA KHAN HIGH SCH MOMBASA	147	9.6666
7	202503	ST. MARY'S BOYS SEC SCH	109	9.6605
8	500005	MOI HIGH SCH KABARAK	238	9.6218
9	515202	MAASAI HIGH SCH	21	9.6190
10	207433	JUJA SENIOR SCH	22	9.5909

SUMMARY

NUMBER OF BOYS SCHOOLS	04(40.00%)
NUMBER OF GIRLS SCHOOLS	02(20.00%)
NUMBER OF MIXED SCHOOLS	04(40.00%)
TOTAL NUMBER OF SCHOOLS	10(100.00%)

25.1.5 TABLE V: TOP TEN SCHOOLS NATIONALLY

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	400004	STAREHE BOYS CENTRE & SCH	207	10.8840
2	400005	STRATHMORE SCH	80	10.4125
3	200001	ALLIANCE HIGH SCH	183	10.3934
4	401067	KIANDA SCH	64	10.3593
5	200005	LORETO HIGH SCH LIMURU	178	10.3202
6	401018	PRECIOUS BLOOD GIRLS SEC SCH RIRUTA	92	10.3043
7	200003	MANGU HIGH SCH	194	10.2938
8	602606	FRIENDS SCH KAMUSINGA	206	10.1844
9	106117	MAMA NGINA GIRLS SEC SCH	83	10.0481
10	401099	SUNSHINE SEC SCH	147	9.9523

SUMMARY

NUMBER OF BOYS SCHOOLS	06(60.00%)
NUMBER OF GIRLS SCHOOLS	04(40.00%)
NUMBER OF MIXED SCHOOLS	00(00.00%)
TOTAL NUMBER OF SCHOOLS	10(100.00%)

25.1.6 TABLE VI: TOP TEN MOST IMPROVED SCHOOLS

POSITION	CENTRE	CENTRE-NAME	2005	2006	PERFORMANCE DIFFERENCE
1	207433	JUJA SENIOR SCH	6.4705	9.5909	3.1204
2	703415	KIABUSURA SEC SCH	2.7272	5.4285	2.7013
3	710501	ST ALFRED ALARA MIXED SEC SCH	5.0487	7.4	2.3513
4	309104	KILIMAMUNGU GIRLS SEC SCH	3.6923	5.8333	2.141
5	517701	CHEMOLINGOT SEC SCH	3.7307	5.8	2.0693
6	802102	SABUNLEY SEC SCH	4.5238	6.5802	2.0564
7	503215	NABUNGA SEC SCH	3.95	6	2.05
8	511106	ST. XAVIER'S HIGH SCH	5.8695	7.9189	2.0494
9	102202	LUTSANGANI HIGH SCH	4.4639	6.5	2.0361
10	106202	DARUL ULUM SEC SCH	6.1333	8.1666	2.0333

SUMMARY

<i>NUMBER OF BOYS SCHOOLS</i>	<i>02(20.00%)</i>
<i>NUMBER OF GIRLS SCHOOLS</i>	<i>02(20.00%)</i>
<i>NUMBER OF MIXED SCHOOLS</i>	<i>06(60.00%)</i>
<i>TOTAL NUMBER OF SCHOOLS</i>	<i>10(100.00%)</i>

25.2 THE YEAR 2006 KCSE TOP TEN CANDIDATES

25.2.1 TABLE VII: TOP TEN FEMALE CANDIDATES

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF/ INDEX	RANK
106106002	F	MUTUKU CAROLINE NZISA	THE AGA KHAN H S MOMBASA	86.91214	1
304801001	F	MUKAMI FRIDAH KIBOORI	ST. MARY'S GIRLS H SCH IGOJI	86.89342	2
200005001	F	NYAOSI PEARL KWAMBOKA	LORETO HIGH SCH LIMURU	86.87828	3
701302001	F	AUMA WAMARA VIVYANE	KISUMU GIRLS HIGH SCH	86.876	4
602401009	F	ABDILLAHI S NAIMAH	LUGULU GIRLS HIGH SCH	86.87214	5
400003003	F	ONYANGO SHARON ADHIAMBO	KENYA HIGH SCH	86.86442	6
500001002	F	MUSE NANDAI RHODA	MOI GIRLS HIGH SCH ELDORET	86.86128	7
500001003	F	MASIS LIZAH CHEROP	MOI GIRLS HIGH SCH ELDORET	86.84857	8
106115029	F	MOHAMED JANBIBI YUSUF	MEMON HIGH SCH	86.81571	9
401018002	F	MUNGUTI MUVENYI CECILIA	PRECIOUS BLOOD G S S RIRUTA	86.80842	10

25.2.2 TABLE VIII: TOP TEN MALE CANDIDATES

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF/ INDEX	RANK
602606003	M	OMANGA DICKENNS OMOSA	FRIENDS SCH KAMUSINGA	87.15928	1
400001001	M	MBURU W LARRY	LENANA SCH	87.00671	2
700001002	M	PETERS OMONDI TILLEN O	MASENO SCH	86.99071	3
400004004	M	OMAR MOHAMED ALI	STAREHE BOYS CENTRE & S	86.98657	4
106101003	M	PATEL PARIT JASHBHAI	ALLIDINA VISRAM HIGH SCH	86.98342	5

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF/ INDEX	RANK
106101001	M	ABDULKARIM SALEEM HASHAM	ALLIDINA VISRAM HIGH SCH	86.97785	6
200003002	M	NG'ENDA DUNCAN MURIMI	MANGU HIGH SCH	86.96985	7
700001001	M	WANGWE LUSENO WINSTON	MASENO SCH	86.96785	8
500005001	M	MURIGI MOSES J KARIUKI	MOI HIGH SCH, KABARAK	86.96385	9
106106001	M	HASSANALI IDRIS SEIFUDIN	THE AGA KHAN H S MOMBASA	86.95171	10

25.2.3 TABLE IX: OVERALL TOP TEN POSITIONS OF CANDIDATES

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF/ INDEX	RANK
602606003	M	OMANGA DICKENNS OMOSA	FRIENDS SCH KAMUSINGA	87.15928	1
400001001	M	MBURU W LARRY	LENANA SCH	87.00671	2
700001002	M	PETERS OMONDI TILLEN O	MASENO SCH	86.99071	3
400004004	M	OMAR MOHAMED ALI	STAREHE BOYS CENTRE & S	86.98657	4
106101003	M	PATEL PARIT JASHBHAI	ALLIDINA VISRAM HIGH SCH	86.98342	5
106101001	M	ABDULKARIM SALEEM HASHAM	ALLIDINA VISRAM HIGH SCH	86.97785	6
200003002	M	NG'ENDA DUNCAN MURIMI	MANGU HIGH SCH	86.96985	7
700001001	M	WANGWE LUSENO WINSTON	MASENO SCH	86.96785	8
500005001	M	MURIGI MOSES J KARIUKI	MOI HIGH SCH, KABARAK	86.96385	9
106106001	M	HASSANALI IDRIS SEIFUDIN	THE AGA KHAN H S MOMBASA	86.95171	10

QUESTIONNAIRE ON THE YEAR 2006 KCSE EXAMINATION REPORT

After you have had time to read this KCSE Examination Report thoroughly, we would be very pleased if you could fill in this questionnaire and return it to us at the address given below.

1. As a user of the KCSE Examination Report, in which of the categories listed below do you belong to? (Tick where appropriate)

i) Teacher ii) Student iii) General public iv) Other

If Other, Specify _____

2. Was the Report clearly written and easy to understand?

YES NO

If No, give reasons why? _____

3. Is the Report useful? YES NO
Give reasons for your answer _____

4. Which information in the Report did you find **MOST** useful?

5. Which information was **NOT** useful? _____

6. Was there any information missing from the Report which you would like to be included in the next edition of this Report?

7. Suggest any changes/amendments you would like to see in the future editions of this Report?

8. Do you have any other comments about this Examination Report? (If you need more space, use a separate sheet of paper) _____

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