



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) Equating 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 2007 KCSE EXAMINATION REPORT

2.1 THE YEAR 2007 KCSE EXAMINATION CANDIDATURE

In the year 2007, there were 276,239 candidates who were registered for the KCSE examination compared to 243,453 candidates who registered for the same examination in the year 2006.

The information on total candidature by gender for the year 2007 KCSE examination has been *tabulated* below. Information for the years 1999, 2000, 2001, 2002, 2003, 2004, 2005 and 2006 has been included for comparison purposes.

Table 1: KCSE Examination Candidature by Gender for the last Nine Years

YEAR	CANDIDATURE TRENDS		
	TOTAL	MALE TOTAL	FEMALE TOTAL
2007	276,239	150,127	126,112
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 2006 AND 2007 KCSE EXAMINATIONS

Table 2 below shows candidates general performance in all subjects in the years 2006 and 2007.

Table 2: Candidate's Performance by gender in the years 2006 and 2007 KCSE Examinations in all the Subjects

SUBJECT NAME & CODE	2006				2007			
	FEMALE		MALE		FEMALE		MALE	
	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %
English (101)	113,754	39.75	128,286	39.78	123,654	39.65	146,975	39.74
Kiswahili (102)	113,767	52.56	128,280	51.87	124,107	45.53	147,387	45.95
Mathematics (121)	113,802	15.78	128,323	21.87	124,874	15.74	148,260	23.10
Biology (231)	108,065	25.00	109,863	29.84	118,395	38.99	127,516	44.70
Physics (232)	21,376	39.07	51,123	40.82	23,767	39.04	59,506	42.23

SUBJECT NAME & CODE	2006				2007			
	FEMALE		MALE		FEMALE		MALE	
	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %	NO. SAT	MEAN %
Chemistry (233)	111,969	22.56	124,932	27.01	122,532	22.65	144,229	27.69
Biology for the Blind (236)	-	-	-	-	11	24.17	25	25.16
History & Govt. (311)	66,228	46.72	78,206	54.04	72,602	46.31	91,308	54.60
Geography (312)	41,929	38.16	56,088	44.38	42,398	42.74	60,451	49.66
CRE (313)	82,613	55.63	61,678	55.40	92,586	62.40	71,699	62.39
IRE (314)	2,257	56.74	3,848	59.60	2,576	59.38	4,443	62.58
HRE (315)	08	57.44	05	62.60	03	64.67	04	36.25
Home Science (441)	9,856	49.42	730	43.28	10,493	49.91	774	42.05
Art and Design (442)	358	61.26	750	61.93	337	60.00	641	57.95
Agriculture (443)	47,275	35.96	58,888	41.09	50,350	40.54	66,401	46.06
Aviation Tech. (450)	-	-	46	65.80	-	-	53	54.08
Computer Studies (451)	1,874	52.09	2,309	56.87	2,147	51.66	2,590	57.61
French (501)	1,397	40.88	862	42.85	1,328	46.28	790	48.97
German (502)	222	60.99	94	63.76	304	60.20	111	56.32
Arabic (503)	311	64.26	663	69.07	327	64.58	748	68.73
Music (511)	746	52.20	553	51.03	734	53.79	559	52.13
Business Studies (565)	51,340	43.19	59,359	48.86	52,349	51.49	64,402	58.11

Observations on Candidates Performance

- In the year 2007 KCSE examination, female candidates performed better than male candidates in only *six (06) subjects* out of the *twenty two (22) subjects* offered. These were *CRE (313), HRE (315), Home Science (441), Art and Design (442), German (502) and Music (511)*.
- Male candidates performed better than female candidates in the remaining *fifteen (15) subjects* during the year 2007 KCSE examination.

- c) In the year 2007 KCSE examination, there were more female candidates who sat for *CRE (313)*, *Home Science (441)*, *French (501)*, *German (502)* and *Music (511)* when compared to male candidates.
- d) No female candidates sat for the *Aviation Technology (451)* examination in the 2006 and 2007 KCSE examinations.

2.3 RANKING OF KCSE SCHOOLS

Ranking of KCSE schools is worked out by considering all the candidates' mean grades to obtain a school mean grade. 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 grade and subject marks in accordance with *KCSE Awards criteria* based on the minimum seven best performed subjects.

2.3.1.2 The Council uses both subject mean grades and subject marks to rank candidates instead of using mean grades alone for the following reasons:

- If grades are used to rank candidates, many candidates will tie in one position because a grade has a range of marks;
- 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 OVERVIEW OF THE YEAR 2007 KCSE EXAMINATION REPORT

This report covers two areas of the year 2007 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 most of the subjects and the year 2007 KCSE Top Ten schools' and candidates' statistics.

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 responses in some cases have been given in order to show what kind of responses 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

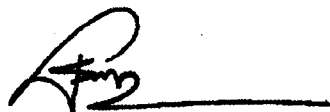
It is hoped that schools will find the information given in this feedback report useful. The Council will highly appreciate any informed comments and suggestions from teachers, students and the public that can be considered for inclusion in the next issue of this report to enrich it. We hope that this 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. In this regard, we are happy to note that as a result of the feedback we received after the previous issue of this report was published, we have now included question papers and sample marking schemes for most of the group 4 and 5 subjects.

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, Mr. D. Kivai, Ms. J. Sabari - Karanu, 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. G. Gathungu, Mr. S. Wainaina, Mrs. J. Osok, Ms. A. Kikuvi and all the officers in the Data Processing & Research, 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 2007 KCSE EXAMINATION TOP TEN SCHOOLS AND CANDIDATES

25.1 THE YEAR 2007 KCSE TOP TEN SCHOOLS

25.1.1 TABLE I: TOP TEN NATIONAL SCHOOLS



POSITION	CENTRE	CENTRE-NAME	ENTRY WITH MARKS	PERFOR. MANCE -INDEX
1	200003	MANGU HIGH SCHOOL	205	11.2634
2	400004	STAREHE BOYS CENTRE & SCHOOL	212	11.0943
3	200005	LORETO HIGH SCHOOL LIMURU	176	11.0227
4	200004	LIMURU GIRLS SCHOOL	215	10.7395
5	400002	NAIROBI SCHOOL	255	10.7372
6	200001	ALLIANCE HIGH SCHOOL	195	10.6051
7	700001	MASENO SCHOOL	228	10.4342
8	400001	LENANA SCHOOL	227	10.0616
9	500008	UTUMISHI ACADEMY	154	9.9415
10	500001	MOI GIRLS' HIGH SCHOOL-ELDORET	177	9.4802

SUMMARY

NUMBER OF BOYS SCHOOLS	7 (70.00%)
NUMBER OF GIRLS SCHOOLS	3 (30.00%)
TOTAL NUMBER OF SCHOOLS	10 (100.0%)

25.1.2 TABLE II: TOP TEN PROVINCIAL SCHOOLS

POSITION	CENTRE	CENTRE-NAME	ENTRY WITH MARKS	PERFOR- MANCE- INDEX
1	401018	PRECIOUS BLOOD GIRLS SECONDARY SCH	87	11.0689
2	511117	BAHATI GIRLS SEC SCHOOL	82	10.1707
3	204401	MURANG'A HIGH SCHOOL	162	10.0925
4	202501	NYERI HIGH SCHOOL	175	10.0114
5	304201	MERU SCHOOL	192	9.8750
6	511713	MOLO ACADEMY	44	9.8181
7	602606	FRIENDS SCHOOL KAMUSINGA	204	9.7549
8	513102	KAPSABET BOYS' HIGH SCHOOL	185	9.7459
9	106117	MAMA NGINA GIRLS SEC SCHOOL	81	9.7037
10	303301	NGUVIU BOYS HIGH SCHOOL	133	9.6616

SUMMARY

NUMBER OF BOYS SCHOOLS	6 (60.00%)
NUMBER OF GIRLS SCHOOLS	3 (30.00%)
NUMBER OF MIXED SCHOOLS	1(10.00%)
TOTAL NUMBER OF SCHOOLS	10 (100.0%)

25.1.3 TABLE III: TOP TEN DISTRICT SCHOOLS

POSITION	CENTRE	CENTRE-NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	106101	ALLIDINA VISRAM HIGH SCHOOL	132	10.0984
2	801106	YOUNG MUSLIM HIGH SCHOOL	27	8.8518
3	703705	AMABUKO SEC SCHOOL	105	8.7523
4	704206	WIOBIERO SECONDARY SCHOOL	51	8.4313
5	303107	ITABUA SECONDARY SCHOOL	46	8.4130
6	205403	KAGWE GIRLS SEC SCHOOL	107	8.3738
7	207106	MURURIA SEC SCHOOL	123	8.3333
8	208416	GAICHANJIRU HIGH SCHOOL	153	8.2156
9	608204	KOYONZO SECONDARY SCHOOL	75	8.1600
10	204314	KIAGUTHU BOYS SECONDARY SCHOOL	166	8.1506

SUMMARY

NUMBER OF BOYS SCHOOLS	4 (40.00%)
NUMBER OF GIRLS SCHOOLS	1 (10.00%)
NUMBER OF MIXED SCHOOLS	5 (50.00%)
TOTAL NUMBER OF SCHOOLS	10 (100%)

25.1.4 TABLE IV: TOP TEN PRIVATE SCHOOLS

POSITION	CENTRE	CENTRE-NAME	ENTRY WITH MARK	PERFORMANCE INDEX
1	400005	STRATHMORE SCHOOL	77	10.6103
2	401099	SUNSHINE SECONDARY SCHOOL	185	10.5729
3	401111	LIGHT ACADEMY	58	10.5517
4	202503	ST. MARY'S BOYS SEC SCHOOL	106	10.3207
5	401150	WAMY HIGH SCHOOL	35	10.3142
6	401067	KIANDA SCHOOL	56	9.8928
7	514207	MARY MOTHER OF GRACE BOYS SECONDARY SCH	35	9.8857
8	511714	ST. JOSEPH'S SEMINARY, MOLO	86	9.8720
9	313301	MATERI GIRLS SECONDARY SCHOOL	91	9.8351
10	106304	SHEIKH KHALIFA BIN ZAYED ALNAHYAN SEC & TECH	125	9.8320

SUMMARY

NUMBER OF BOYS SCHOOLS	6 (60.00%)
NUMBER OF GIRLS SCHOOLS	2(20.00%)
NUMBER OF MIXED SCHOOLS	2 (20.00%)
TOTAL NUMBER OF SCHOOLS	10 (100%)

25.1.5 TABLE V: TOP TEN SCHOOLS NATIONALLY

POSITION	CENTRE	CENTRE NAME	ENTRY WITH MARKS	PERFORMANCE INDEX
1	200003	MANGU HIGH SCHOOL	205	11.2634
2	400004	STAREHE BOYS CENTRE & SCHOOL	212	11.0943
3	401018	PRECIOUS BLOOD GIRLS SEC SCHOOL RIRUTA	87	11.0689
4	200005	LORETO HIGH SCHOOL LIMURU	176	11.0227
5	200004	LIMURU GIRLS SCHOOL	215	10.7395
6	400002	NAIROBI SCHOOL	255	10.7372
7	400005	STRATHMORE SCHOOL	77	10.6103
8	200001	ALLIANCE HIGH SCHOOL	195	10.6051
9	401099	SUNSHINE SECONDARY SCHOOL	185	10.5729
10	401111	LIGHT ACADEMY	58	10.5517

SUMMARY

NUMBER OF BOYS SCHOOLS	6 (60.00%)
NUMBER OF GIRLS SCHOOLS	3 (30.00%)
NUMBER OF MIXED SCHOOLS	1 (10.00%)
TOTAL NUMBER OF SCHOOLS	10 (100%)

25.1.6 TABLE VI: TOP TEN MOST IMPROVED SCHOOLS

POSITION	CENTRE	CENTRE-NAME	2006	2007		PERFORMANCE DIFFERENCE
			Performance Index	Entry with marks	Performance Index	
1	201417	SKY LINK SECONDARY SCHOOL	2.5714	42	6.3902	3.8188
2	401133	ST. ELIZABETH'S ACADEMY KAREN	4.9552	30	8.3448	3.3896
3	707308	KANGESO SECONDARY SCHOOL	3.2250	30	6.2758	3.0508
4	707114	SAGERO MIXED SEC SCHOOL	3.3125	20	6.1500	2.8375
5	308504	NJURI SEC SCHOOL	4.5416	88	7.3333	2.7917
6	710402	APONDO SECONDARY SCHOOL	4.2058	35	6.9411	2.7353
7	703603	NYAMAGWA S.D.A MIXED SEC SCH	3.0333	24	5.7500	2.7167

POSITION	CENTRE	CENTRE-NAME	2006	2007		PERFORMANCE DIFFERENCE
			Performance Index	Entry with marks	Performance Index	
8	401137	RIDGEWAYS BOYS ACADEMY	4.9782	42	7.6097	2.6315
9	708203	KOMOTOB0 MIXED SEC SCHOOL	2.5263	21	5.0476	2.5213
10	313302	KIRIIRIA S.D.A SEC SCHOOL	4.8000	27	7.3200	2.5200

SUMMARY

NUMBER OF BOYS SCHOOLS	2 (20.00%)
NUMBER OF GIRLS SCHOOLS	1 (10.00%)
NUMBER OF MIXED SCHOOLS	7 (70.00%)
TOTAL NUMBER OF SCHOOLS	10 (100.00%)

25.2 THE YEAR 2007 KCSE TOP TEN CANDIDATES

25.2.1 TABLE VII: TOP TEN FEMALE CANDIDATES NATIONALLY

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF INDEX	RANK
106106001	F	ABDULRAZAK MUZNA HANIF	THE AGA KHAN HIGH SCH MOMBASA	86.79028	1
604101001	F	MUKUSA MARY	BUNYORE GIRLS HIGH SCHOOL	86.78714	2
200004005	F	MAWOIYA MANSHAU JUDY	LIMURU GIRLS SCHOOL	86.78528	3
200005006	F	SAMMY MERCY KAMENE	LORETO HIGH SCHOOL LIMURU	86.76828	4
200004003	F	KISAKA YVETTE N	LIMURU GIRLS SCHOOL	86.74557	5
200004033	F	NYAIRO MORAA DUPHIN	LIMURU GIRLS SCHOOL	86.744	6
200004018	F	MWANIA ERICA KAKILE	LIMURU GIRLS SCHOOL	86.73614	7
401067001	F	MAINA RENEE MUYOKA	KIANDA SCHOOL	86.729	8
200005001	F	MATIVO PEGGY WALENDA	LORETO HIGH SCHOOL LIMURU	86.72128	9
400003002	F	MULI MUMBUA JULIET	KENYA HIGH SCHOOL	86.70471	10

25.2.2 TABLE VIII: TOP TEN MALE CANDIDATES NATIONALLY

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF INDEX	RANK
400004002	M	MAGANJO MORRIS MUCHIRI	STAREHE BOYS CENTRE	86.97128	1
200003008	M	MWITI BRIAN MUTUMA	MANGU HIGH SCHOOL	86.93771	2
400004003	M	MWANGI TIMOTHY MAINA	STAREHE BOYS CENTRE &	86.919	3
400004005	M	MACHIO DANIEL AINEAH	STAREHE BOYS CENTRE &	86.905	4
200003001	M	NERETSE LIONEL MIHIGO	MANGU HIGH SCHOOL	86.89714	5
401099002	M	MUNGE JOHN RUIRU	SUNSHINE SECONDARY SC	86.88242	6
200001008	M	ADAN UMURO HUSSEIN ISACK	ALLIANCE HIGH SCHOOL	86.85742	7
503210001	M	MISIANI K MUSA	ST JOSEPH'S BOYS' HIG	86.84428	8
200003004	M	KIRUKI COSMAS R MUTUGI	MANGU HIGH SCHOOL	86.834	9
400004022	M	OMONDI JOSEPH OCHIENG'	STAREHE BOYS CENTRE &	86.82642	10

25.2.3 TABLE IX: OVERALL TOP TEN CANDIDATES NATIONALLY

INDEX NO.	SEX	CANDIDATE'S NAME	NAME OF THE SCHOOL	PERF INDEX	RANK
400004002	M	MAGANJO MORRIS MUCHIRI	STAREHE BOYS CENTRE & SCHOOL	86.97128	1
200003008	M	MWITI BRIAN MUTUMA	MANGU HIGH SCHOOL	86.93771	2
400004003	M	MWANGI TIMOTHY MAINA	STAREHE BOYS CENTRE & SCHOOL	86.919	3
400004005	M	MACHIO DANIEL AINEAH	STAREHE BOYS CENTRE & SCHOOL	86.905	4
200003001	M	NERETSE LIONEL MIHIGO	MANGU HIGH SCHOOL	86.89714	5
401099002	M	MUNGE JOHN RUIRU	SUNSHINE SECONDARY SCHOOL	86.88242	6
200001008	M	ADAN UMURO HUSSEIN ISACK	ALLIANCE HIGH SCHOOL	86.85742	7
503210001	M	MISIANI K MUSA	ST JOSEPH'S BOYS' HIGH SCHOOL-KITALE	86.84428	8
200003004	M	KIRUKI COSMAS R MUTUGI	MANGU HIGH SCHOOL	86.834	9
400004022	M	OMONDI JOSEPH OCHIENG'	STAREHE BOYS CENTRE & SCHOOL	86.82642	10

SUMMARY

NUMBER OF GIRLS	0 (0.00%)
NUMBER OF BOYS	10 (100.00%)
TOTAL	10 (100.00%)

QUESTIONNAIRE ON THE YEAR 2007 KCSE EXAMINATION REPORT

After you have had time to read the 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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