



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM FOUR PRE NATIONAL EXAMINATIONS 2021**

**MARANGU SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADDITIONAL MATHEMATICS	31	0	26	5	3.9355	1/2	1/1	1/1

GRADE : A=0; B=1; C=5; D=20; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Variation	31	3	0	0.61
Question 2	6	Statistics	31	6	0	3.42
Question 3	6	Coordinate	31	6	0	3.37
Question 4	6	Louis	31	4.5	0	2.45
Question 5	6	Algebra	31	5	0	2.11
Question 6	6	Plan and elevation	31	4.5	1	2.32
Question 7	6	Trigonometry	31	2.5	0	0.79
Question 8	6	Number pattern and divisibility	31	6	0	3.35
Question 9	6	Logic	31	6	0	3.21
Question 10	6	Sets	31	6	0	3.37
Question 11	10	Rational function	31	7	0	2.92
Question 12	10	Differentiate and integration	31	7	0	2.40
Question 13	10	Probability	31	10	0	3.98
Question 14	10	Matrices and transformation	30	10	0	4.43

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	75	0	40	35	4.4400	49/94	32/59	20/33

GRADE : A=0; B=0; C=2; D=38; F=35;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	75	7	1	3.83
Question 2	5	Matching items	75	5	0	2.91
Question 3	10	Friction	75	9	0	2.23
Question 4	10	Equilibrium, relative density	75	6	0	1.45
Question 5	10	Optical instruments, censes	75	8	0	1.92
Question 6	10	Temperature and thermometer	72	7	0	1.29
Question 7	10	Magnetism	74	10	0	4.00
Question 8	10	Expansion of solid (thermal)	72	7.5	0	4.42
Question 9	12.5	Waves	13	6.5	0	2.19
Question 10	12.5	Archmedes, law of flotation	68	11.5	1	4.79
Question 11	12.5	Radioactivity	69	12.5	0	6.93
PAPER 2						
Question 1	25	Mechanics	74	9.5	1	5.91
Question 2	25	Electrics current	74	15	1	6.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	124	0	108	16	3.8387	63/97	40/60	24/33

GRADE : A=1; B=3; C=27; D=77; F=16;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	124	9	1	4.19
Question 2	5	Atomic structure	124	5	0	1.94
Question 3	7	Formula. bonding and nomeclature, mole concept	123	7	0	1.02
Question 4	7	Salts (action of heat on salts), hardness of water	118	5	0	0.93
Question 5	7	Chemical kinetic and equilibrium	124	7	0	3.64
Question 6	7	Non-metal and their compounds	124	7	0	3.02
Question 7	7	Ionic theory and electrolysis, atomic structure	124	6.5	0	1.15
Question 8	7	Organic chemistry	124	2	0	0.08
Question 9	7	Acids, base and salts	124	4	0	0.43
Question 10	7	Soil chemistry, pollution (acidic rain)	124	7	0	3.84
Question 11	7	Separation of mixtures, fuels and energy (biogas plant)	124	5	0	1.41

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 12	7	Hydrogen (preparation)	122	6	0	2.41
Question 13	15	Extraction of metals	4	14.5	8.5	12.25
Question 14	15	Pollution	119	15	1	11.81
PAPER 2						
Question 1	25		124	20	2	8.63
Question 2	25		124	25	0	15.92

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	217	0	203	14	3.1429	52/97	34/60	20/33

GRADE : A=11; B=23; C=121; D=48; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	217	10	1	5.95
Question 2	5	Movement	217	5	0	2.80
Question 3	6	Introduction to biology	214	6	0	3.87
Question 4	6	Safety in our environment	215	6	0	3.64
Question 5	6	Safety in our environment	217	5	0	2.09
Question 6	6	Transport of material in living things	203	6	0	1.46
Question 7	6	Cell structure and organization	217	6	0	3.64
Question 8	6	Classification of living things	215	6	0	3.50
Question 9	6	Gaseous exchange, HIV/AIDS, STS's and STD's	217	6	0	3.56
Question 10	6	Balance of nature	217	6	0	4.63
Question 11	6	Movement	210	5.5	0	0.97
Question 12	6	Reproduction, coordination	212	6	0	2.04
Question 13	15	Nutrition	212	14	0	6.96
Question 14	10	Genetics	102	10	0	3.09
Question 15	10	Organic evolution	105	10	0	3.23
PAPER 2						
Question 1	25	Nutrition	217	25	1.5	13.52
Question 2	25	Classification of living things	217	23	5.5	16.18

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	217	0	159	58	3.8341	57/97	36/60	21/33

GRADE : A=2; B=8; C=72; D=77; F=58;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	217	8	0	3.06
Question 2	5	Matching items	217	5	0	1.12
Question 3	11	Map reading and interpretation	216	10	0	5.16
Question 4	11	Statistics	216	11	0	4.79
Question 5	11	Survey	213	10	0	3.26
Question 6	11	Research	215	11	0	4.40
Question 7	11	Photograph reading and interpretation	211	11	0	5.35
Question 8	15	Population	129	15	0	5.56
Question 9	15	Agriculture	172	15	0	6.76
Question 10	15	Solar system	128	15	0	7.14

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CIVICS	217	0	214	3	2.7051	62/97	36/60	20/33

GRADE : A=21; B=56; C=109; D=28; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	217	9	1	5.50
Question 2	5	Matching items	217	5	0	1.67
Question 3	5	Economic and social development	217	5	0	2.74
Question 4	5	Globalization	203	5	0	1.94
Question 5	5	Culture	208	5	0	2.84
Question 6	5	Culture	217	5	0	2.80
Question 7	5	Citizenship	215	5	0	4.03
Question 8	5	Proper behavior and decision making	217	5	0	3.90
Question 9	5	Life skills	217	5	0	4.30
Question 10	5	Culture	217	5	0	3.27
Question 11	15	Culture, contemporary issues	196	14.5	0	9.53
Question 12	15	Contemporary , cross cutting issues	187	14.5	0	9.77
Question 13	15	Culture	162	13	0	6.60

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 14	15	Government	96	14.5	0	9.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
LITERATURE IN ENGLISH	179	0	177	2	2.5978	19/36	15/27	14/24

GRADE : A=15; B=59; C=90; D=13; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Theory of literature	179	9	2	6.19
Question 2	5	Theory of literature	178	5	1	2.81
Question 3	10	Theory of literature	179	10	2	7.73
Question 4	10	Theory of literature	179	9.5	1	5.69
Question 5	10	Theory of literature	175	10	0	5.94
Question 6	10	Theory of literature	174	10	0	5.90
Question 7	15	Analysis of play	160	14	0	8.17
Question 8	15	Analysis/interpretation of play	133	14	1	7.26
Question 9	15	Analysis/interpretation of novel	159	14.5	0	9.02
Question 10	15	Interpretation of poems	84	14	0.5	11.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	217	0	214	3	3.2120	45/97	27/60	14/33

GRADE : A=1; B=9; C=153; D=51; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Kuchagua	217	8	0	3.65
Question 2	5	Kuoanisha	217	5	0	3.21
Question 3	4	Sarufi	213	3	0	0.80
Question 4	4	Mjengo wa tungo	212	4	0	2.14
Question 5	8	Utunzi wa lugha katika miktadha mbalimbali	216	8	0	7.39
Question 6	8	Historia ya maendeleo ya lugha ya kiswahili	217	8	0	4.02
Question 7	8	Fasihi kwa ujumla	216	8	0	1.84
Question 8	8	Ufahamu na ufupisho	215	7	0	2.48
Question 9	15	Uandishi	99	11	0	3.73
Question 10	15	Uhakiki wa kazi za fasihi andishi	215	14	3	10.94
Question 11	15	Uhakiki wa kazi za fasihi andishi - tamthiliya	206	14	3	10.21
Question 12	15	Utungaji wa kazi za fasihi simulizi	112	14	0	4.87

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	217	0	215	2	2.6820	51/97	32/60	18/33

GRADE : A=24; B=53; C=110; D=28; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	216	10	0	6.07
Question 2	5	Matching items	217	5	0	4.06
Question 3	5	Factual and non factual information	217	5	1	4.12
Question 4	5	Language use	215	5	0	2.31
Question 5	5	Language use	214	5	0	2.74
Question 6	8	Directions, preposition of place	216	8	0	4.48
Question 7	7	Family tree	217	7	0	1.88
Question 8	10	Decoration	215	10	0	5.98
Question 9	15	Composition, writing skills	121	15	0	7.40
Question 10	15	Literary works	171	15	1.5	10.02
Question 11	15	Literary works	179	15	1	10.04
Question 12	15	Literary works	178	15	0	8.62

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	217	0	170	47	3.9171	61/96	36/60	21/33

GRADE : A=0; B=3; C=59; D=108; F=47;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	217	12	2	7.02
Question 2	5	Matching items	217	5	0	2.37
Question 3	12	Short notes	213	12	0	2.53
Question 4	12	Establishment of colonialism	217	12	0	1.44
Question 5	11	Sketch map	216	10	0	3.42
Question 6	15	Social and political organization	189	15	0	8.80

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 7	15	Nationalism and decolonization process	61	13	0	6.32
Question 8	15	Colonial economy	197	14.5	0	8.62
Question 9	15	Africa in the international affairs	188	14	0	4.72

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	217	0	41	176	4.7189	45/97	28/60	16/33

GRADE : A=2; B=1; C=12; D=26; F=176;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal and percentage, number system	217	6	0	1.63
Question 2	6	Exponents and radicals, logarithms	217	6	0	0.77
Question 3	6	Probability, sets	217	5	0	1.01
Question 4	6	Coordinate geometry, vectors	217	6	0	1.38
Question 5	6	Areas and perimeters, similarities	217	6	0	1.22
Question 6	6	Rate and variations	217	6	0	2.28
Question 7	6	Accounts, ratio, profit and loss	216	6	0	1.44
Question 8	6	Sequence and series	217	5.5	0	0.92
Question 9	6	Trigonometry, pythagoras	217	3	0	0.20
Question 10	6	Quadratic equations	217	6	0	0.65
Question 11	10	Statistics, circle	217	10	0	1.50
Question 12	10	Earths as sphere, three dimension	217	10	0	1.59
Question 13	10	Matrix and transformation	217	10	0	1.30
Question 14	10	Function, linear programming	213	10	0	0.55