



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

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

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	15	0	9	6	4.4000	47/94	3/6	4/7

GRADE : A=0; B=0; C=0; D=9; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	15	7	1	3.47
Question 2	5	Matching items	15	5	1	3.67
Question 3	10	Friction	15	5.5	0	2.20
Question 4	10	Equilibrium, relative density	15	6	0	1.80
Question 5	10	Optical instruments, censes	15	4	0	2.03
Question 6	10	Temperature and thermometer	15	1	0	0.47
Question 7	10	Magnetism	14	5.5	0	3.75
Question 8	10	Expansion of solid (thermal)	13	7	1	3.58
Question 9	12.5	Waves	5	4	0	2.20
Question 10	12.5	Archmedes, law of flotation	14	8	1	4.32
Question 11	12.5	Radioactivity	10	10	0	5.35
PAPER 2						
Question 1	25	Mechanics	15	13	6.5	9.33
Question 2	25	Electrics current	15	14.5	1.5	7.37

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	21	0	20	1	3.0952	32/97	2/7	4/8

GRADE : A=1; B=2; C=13; D=4; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	21	8	1	4.90
Question 2	5	Atomic structure	21	4	1	2.43
Question 3	7	Formula. bonding and nomeclature, mole concept	21	7	0	2.62
Question 4	7	Salts (action of heat on salts), hardness of water	21	6	0	2.62
Question 5	7	Chemical kinetic and equilibrium	21	7	1	4.19
Question 6	7	Non-metal and their compounds	21	7	2	3.57
Question 7	7	Ionic theory and electrolysis, atomic structure	21	5.5	0	2.40
Question 8	7	Organic chemistry	21	3	0	0.43
Question 9	7	Acids, base and salts	21	5	0	1.45
Question 10	7	Soil chemistry, pollution (acidic rain)	21	6	0	2.14
Question 11	7	Separation of mixtures, fuels and energy (biogas plant)	21	4	1	1.76
Question 12	7	Hydrogen (preparation)	21	7	0	4.17
Question 13	15	Extraction of metals	0	0	0	0.00
Question 14	15	Pollution	21	15	7.5	12.45
PAPER 2						
Question 1	25		21	25	3	14.10
Question 2	25		21	25	8	20.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	21	0	21	0	2.4762	25/97	2/7	4/8

GRADE : A=3; B=5; C=13; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	21	10	6	7.67
Question 2	5	Movement	21	5	0	2.38
Question 3	6	Introduction to biology	21	6	0	2.95
Question 4	6	Safety in our environment	21	6	2	5.29
Question 5	6	Safety in our environment	21	6	1.5	3.07
Question 6	6	Transport of material in living things	21	6	0	2.12
Question 7	6	Cell structure and organization	21	5	0.5	2.90

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 8	6	Classification of living things	21	6	5	5.86
Question 9	6	Gaseous exchange, HIV/AIDS, STS's and STD's	21	6	3	4.79
Question 10	6	Balance of nature	21	6	2	5.29
Question 11	6	Movement	21	6	1	3.40
Question 12	6	Reproduction, coordination	20	6	0	2.95
Question 13	15	Nutrition	20	12	4	8.73
Question 14	10	Genetics	19	9.5	2	5.47
Question 15	10	Organic evolution	3	10	2	6.50
PAPER 2						
Question 1	25	Nutrition	21	18	8.5	14.71
Question 2	25	Classification of living things	21	20.5	11.5	16.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	21	0	20	1	3.4286	44/97	3/7	5/8

GRADE : A=0; B=2; C=9; D=9; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	7	1	4.24
Question 2	5	Matching items	21	4	0	1.29
Question 3	11	Map reading and interpretation	21	10.5	3	7.24
Question 4	11	Statistics	21	8.5	0	4.57
Question 5	11	Survey	21	8	0	2.29
Question 6	11	Research	21	11	0	5.86
Question 7	11	Photograph reading and interpretation	21	11	1.5	5.81
Question 8	15	Population	9	11	2	6.67
Question 9	15	Agriculture	21	14.5	4	10.02
Question 10	15	Solar system	12	9.5	1	5.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	21	0	21	0	1.9048	22/97	1/7	3/8

GRADE : A=7; B=9; C=5; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	9	2	6.38
Question 2	5	Matching items	21	4	1	2.29
Question 3	5	Economic and social development	20	4	0	2.05
Question 4	5	Globalization	21	5	0	1.81
Question 5	5	Culture	21	5	1	3.76
Question 6	5	Culture	21	5	3	4.33
Question 7	5	Citizenship	21	5	0	4.76
Question 8	5	Proper behavior and decision making	21	5	1.5	4.50
Question 9	5	Life skills	21	5	4	4.43
Question 10	5	Culture	21	5	4	4.33
Question 11	15	Culture, contemporary issues	18	14	6	10.75
Question 12	15	Contemporary , cross cutting issues	17	14	7	10.82
Question 13	15	Culture	12	12	4	9.83
Question 14	15	Government	16	13	6	10.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	21	0	21	0	3.2381	48/97	3/7	5/8

GRADE : A=0; B=2; C=12; D=7; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Kuchagua	21	5	2	4.00
Question 2	5	Kuoanisha	21	4	2	3.00
Question 3	4	Sarufi	21	3	0	1.76
Question 4	4	Mjengo wa tungo	21	4	0	2.24
Question 5	8	Utunzi wa lugha katika miktadha mbalimbali	21	8	4	7.38
Question 6	8	Historia ya maendeleo ya lugha ya kiswahili	21	8	0	4.00
Question 7	8	Fasihi kwa ujumla	21	8	0	3.21
Question 8	8	Ufahamu na ufupisho	21	8	0	2.29
Question 9	15	Uandishi	5	10	0	3.60
Question 10	15	Uhakiki wa kazi za fasihi andishi	21	12.5	9.5	11.14
Question 11	15	Uhakiki wa kazi za fasihi andishi - tamthiliya	21	12	6.5	9.05
Question 12	15	Utungaji wa kazi za fasihi simulizi	15	2	0	0.87

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	21	0	20	1	2.6667	50/97	2/7	4/8

GRADE : A=2; B=5; C=13; D=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	9	3	7.43
Question 2	5	Matching items	21	5	0	3.24
Question 3	5	Factual and non factual information	21	5	0	3.95
Question 4	5	Language use	21	5	0	2.29
Question 5	5	Language use	21	5	0	3.00
Question 6	8	Directions, preposition of place	21	8	0	4.95
Question 7	7	Family tree	21	6	0	2.38
Question 8	10	Decoration	21	8	0	6.29
Question 9	15	Composition, writing skills	13	10.5	0	6.50
Question 10	15	Literary works	15	12	4	7.47
Question 11	15	Literary works	17	13	5	9.03
Question 12	15	Literary works	20	14	0	10.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	21	0	16	5	3.8095	56/96	4/7	5/8

GRADE : A=0; B=0; C=9; D=7; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	21	11	4	7.38
Question 2	5	Matching items	21	4	0	1.90
Question 3	12	Short notes	21	10	0	3.76
Question 4	12	Establishment of colonialism	21	6	0	1.10
Question 5	11	Sketch map	21	10	0	3.24
Question 6	15	Social and political organization	21	12.5	0	7.86
Question 7	15	Nationalism and decolonization process	4	8.5	1	4.88
Question 8	15	Colonial economy	20	11.5	4	8.33
Question 9	15	Africa in the international affairs	18	12	1	8.17

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	21	0	6	15	4.6190	36/97	3/7	4/8

GRADE : A=0; B=0; C=2; D=4; F=15;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal and percentage, number system	21	5	0	2.71
Question 2	6	Exponents and radicals, logarithms	21	3	0	0.29
Question 3	6	Probability, sets	21	5.5	0	1.29
Question 4	6	Coordinate geometry, vectors	21	6	0	2.10
Question 5	6	Areas and perimeters, similarities	21	6	0	1.88
Question 6	6	Rate and variations	21	6	0	3.36
Question 7	6	Accounts, ratio, profit and loss	21	5	0	2.10
Question 8	6	Sequence and series	21	5.5	0	2.17
Question 9	6	Trigonometry, pythagoras	21	3	0	0.48
Question 10	6	Quadratic equations	21	5	0	0.74
Question 11	10	Statistics, circle	21	7	0	2.29
Question 12	10	Earths as sphere, three dimension	21	2	0	0.79
Question 13	10	Matrix and transformation	21	5	0	1.45
Question 14	10	Function, linear programming	20	3.5	0	0.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AGRICULTURAL SCIENCE	19	0	19	0	3.0000	3/10	1/3	2/3

GRADE : A=0; B=2; C=15; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	19	5	1	3.68
Question 2	5	Matching items	19	4	1	2.37
Question 3	10	Crop production	19	8	2	5.00
Question 4	10	Livestock production	19	9	6	8.47
Question 5	10	Mechanization	19	7	1	3.45
Question 6	10	Bookkeeping	19	10	6	8.79
Question 7	10	Extension	19	10	2	5.16
Question 8	10	Agr marketing	19	6	0	3.05
Question 9	10	Soil science	19	10	0	4.89

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 10	15		10	11	3	7.90
Question 11	15	Crop production (weeds)	9	14	5	11.33
PAPER 2						
Question 1	25	Crop science and production	19	17	4	11.24
Question 2	25	Livestock production, agriculture mechanization, agromechanics, soil science	19	16.5	8.5	12.47