



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

**MAASAE GIRLS SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	52	0	17	35	4.6731	64/94	21/29	3/5

GRADE : A=0; B=0; C=0; D=17; F=35;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	51	5	1	2.92
Question 2	5	Matching items	51	5	1	2.61
Question 3	10	Friction	51	6	0	1.46
Question 4	10	Equilibrium, relative density	51	7	0	2.45
Question 5	10	Optical instruments, censes	51	5.5	0	1.40
Question 6	10	Temperature and thermometer	49	3	0	0.69
Question 7	10	Magnetism	50	7.5	0	3.80
Question 8	10	Expansion of solid (thermal)	51	10	0	3.26
Question 9	12.5	Waves	11	8	0	1.50
Question 10	12.5	Archmedes, law of flotation	48	9	0	4.45
Question 11	12.5	Radioactivity	36	12.5	0	5.79
PAPER 2						
Question 1	25	Mechanics	52	17	0	8.44
Question 2	25	Electrics current	52	14	0	5.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	71	0	59	12	3.9296	66/97	21/30	1/5

GRADE : A=0; B=0; C=17; D=42; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	71	8	0	3.86
Question 2	5	Atomic structure	71	5	0	2.04
Question 3	7	Formula. bonding and nomeclature, mole concept	71	7	0	1.15
Question 4	7	Salts (action of heat on salts), hardness of water	70	4.5	0	1.58
Question 5	7	Chemical kinetic and equilibrium	71	6	0	3.01
Question 6	7	Non-metal and their compounds	71	7	0	2.34
Question 7	7	Ionic theory and electrolysis, atomic structure	71	4.5	0	1.41
Question 8	7	Organic chemistry	71	2	0	0.08
Question 9	7	Acids, base and salts	71	2	0	0.30
Question 10	7	Soil chemistry, pollution (acidic rain)	71	7	0	5.08
Question 11	7	Separation of mixtures, fuels and energy (biogas plant)	71	4	0	1.18
Question 12	7	Hydrogen (preparation)	71	7	0	3.91
Question 13	15	Extraction of metals	1	0	0	0.00
Question 14	15	Pollution	71	14	0	9.80
PAPER 2						
Question 1	25		71	14	0	6.75
Question 2	25		71	21	2	16.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	73	0	62	11	3.3562	57/97	18/30	1/5

GRADE : A=1; B=9; C=37; D=15; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	73	10	2	5.67
Question 2	5	Movement	73	5	0	2.29
Question 3	6	Introduction to biology	73	6	0	4.12
Question 4	6	Safety in our environment	73	6	0	3.89
Question 5	6	Safety in our environment	73	4.5	0	2.21
Question 6	6	Transport of material in living things	70	6	0	1.94
Question 7	6	Cell structure and organization	73	5	0	2.81

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 8	6	Classification of living things	73	6	0	3.88
Question 9	6	Gaseous exchange, HIV/AIDS, STS's and STD's	73	5.5	0	4.01
Question 10	6	Balance of nature	73	6	0	4.10
Question 11	6	Movement	69	5	0	2.00
Question 12	6	Reproduction, coordination	71	6	0	2.03
Question 13	15	Nutrition	73	14	0	9.09
Question 14	10	Genetics	40	7	0	1.39
Question 15	10	Organic evolution	27	9	0	4.85
PAPER 2						
Question 1	25	Nutrition	73	23	0	12.09
Question 2	25	Classification of living things	73	23.5	0	11.58

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	73	0	61	12	3.6849	53/97	16/30	1/5

GRADE : A=0; B=2; C=31; D=28; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	73	8	0	3.44
Question 2	5	Matching items	73	3	0	0.95
Question 3	11	Map reading and interpretation	73	9.5	2	5.88
Question 4	11	Statistics	71	11	0	4.73
Question 5	11	Survey	70	8	0	1.61
Question 6	11	Research	72	10	0	4.65
Question 7	11	Photograph reading and interpretation	73	11	0	5.26
Question 8	15	Population	57	15	0	8.10
Question 9	15	Agriculture	69	15	3	9.60
Question 10	15	Solar system	18	8	0	4.19

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	73	0	73	0	2.5616	58/97	19/30	1/5

GRADE : A=7; B=27; C=30; D=9; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	73	9	2	5.55
Question 2	5	Matching items	73	4	0	1.71
Question 3	5	Economic and social development	73	5	0	2.50
Question 4	5	Globalization	62	5	0	1.23
Question 5	5	Culture	70	5	0	2.74
Question 6	5	Culture	72	5	3	4.78
Question 7	5	Citizenship	73	5	4	4.92
Question 8	5	Proper behavior and decision making	73	5	0	4.53
Question 9	5	Life skills	73	5	0	4.48
Question 10	5	Culture	73	5	0	4.49
Question 11	15	Culture, contemporary issues	63	14.5	0	8.67
Question 12	15	Contemporary , cross cutting issues	60	14	2	9.49
Question 13	15	Culture	42	14	0	6.76
Question 14	15	Government	46	14.5	0	8.63

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	73	0	71	2	3.2603	53/97	17/30	1/5

GRADE : A=1; B=2; C=49; D=19; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Kuchagua	73	7	1	3.74
Question 2	5	Kuoanisha	73	5	0	2.56
Question 3	4	Sarufi	73	3	0	0.85
Question 4	4	Mjengo wa tungo	73	4	0	0.51
Question 5	8	Utunzi wa lugha katika miktadha mbalimbali	73	8	0	6.12
Question 6	8	Historia ya maendeleo ya lugha ya kiswahili	73	8	0	5.42
Question 7	8	Fasihi kwa ujumla	73	8	0	2.60
Question 8	8	Ufahamu na ufupisho	73	8	0	1.76
Question 9	15	Uandishi	51	12	1	6.51
Question 10	15	Uhakiki wa kazi za fasihi andishi	72	14	5	10.47
Question 11	15	Uhakiki wa kazi za fasihi andishi - tamthiliya	49	14	0	9.54
Question 12	15	Utungaji wa kazi za fasihi simulizi	42	14	1	7.48

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	73	0	73	0	2.7260	53/97	18/30	1/5

GRADE : A=6; B=18; C=39; D=10; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	73	9	0	5.51
Question 2	5	Matching items	73	5	0	3.86
Question 3	5	Factual and non factual information	72	5	0	4.32
Question 4	5	Language use	73	5	0	1.71
Question 5	5	Language use	73	5	0	2.79
Question 6	8	Directions, preposition of place	71	8	0	6.04
Question 7	7	Family tree	73	6	0	2.48
Question 8	10	Decoration	72	10	1	7.25
Question 9	15	Composition, writing skills	44	12.5	3	7.74
Question 10	15	Literary works	46	13	1	6.48
Question 11	15	Literary works	64	15	2	7.95
Question 12	15	Literary works	62	14	4	10.74

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	73	0	43	30	4.2740	77/96	27/29	3/5

GRADE : A=0; B=0; C=10; D=33; F=30;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	73	11	1	6.18
Question 2	5	Matching items	73	5	0	1.67
Question 3	12	Short notes	73	8	0	2.36
Question 4	12	Establishment of colonialism	73	8	0	1.21
Question 5	11	Sketch map	73	8	0	0.99
Question 6	15	Social and political organization	69	13.5	0	7.58
Question 7	15	Nationalism and decolonization process	11	6.5	0	2.86
Question 8	15	Colonial economy	69	13	1	7.64
Question 9	15	Africa in the international affairs	58	14	0	6.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	73	0	8	65	4.8630	63/97	20/30	1/5

GRADE : A=0; B=0; C=2; D=6; F=65;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal and percentage, number system	73	6	0	2.38
Question 2	6	Exponents and radicals, logarithms	73	6	0	0.90
Question 3	6	Probability, sets	73	5.5	0	0.46
Question 4	6	Coordinate geometry, vectors	73	4	0	1.25
Question 5	6	Areas and perimeters, similarities	73	5.5	0	0.58
Question 6	6	Rate and variations	72	6	0	2.84
Question 7	6	Accounts, ratio, profit and loss	73	5	0	1.39
Question 8	6	Sequence and series	73	6	0	1.02
Question 9	6	Trigonometry, pythagoras	73	3	0	0.10
Question 10	6	Quadratic equations	73	5	0	0.49
Question 11	10	Statistics, circle	73	7	0	1.54
Question 12	10	Earths as sphere, three dimension	67	3.5	0	0.28
Question 13	10	Matrix and transformation	72	5	0	1.18
Question 14	10	Function, linear programing	73	4	0	0.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	14	0	12	2	3.7857	43/54	21/24	2/3

GRADE : A=0; B=0; C=5; D=7; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	14	11	4	8.43
Question 2	5	Israel patriarchs and Paul missionary journey	14	3	0	1.71
Question 3	9	Life of Jacob	13	9	1	5.23
Question 4	9	Jerusalem council	11	3	0	1.55
Question 5	9	The roles of Angels in Jesus' mission	5	9	0	4.80
Question 6	9	Jesus mission in Galilee	10	7	5	6.10
Question 7	9	Senvions of the mountains	5	7	0	3.80
Question 8	9	Jesus transfiguration	8	6	3	4.50
Question 9	9	Parables of the kingdom	11	6	3	4.55
Question 10	9	Jesus resurrection	7	6	2	4.00

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 11	15	Paul's missionary journey	8	14	5	10.75
Question 12	15	Israel under the leadership of Joshua and Judges	6	4	0	0.67
Question 13	15	Israel under the leadership of Joshua and Judges	9	7	0	2.22

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND NUTRITION	72	0	72	0	2.6806	6/7	3/3	1/1

GRADE : A=1; B=22; C=48; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	72	8	2	4.93
Question 2	10	Varipus topics	72	4	0	1.42
Question 3	10	Maternal and child health	72	10	1	5.90
Question 4	10	Laundry	72	7.5	0	3.51
Question 5	10	Eggs, milk and milk products	72	10	0	5.17
Question 6	10	An ideal house	72	10	2	5.85
Question 7	10	Meat and fish	72	9.5	0	6.52
Question 8	10	Catering	72	9	0	4.52
Question 9	10	Cooking food	72	8.5	2	4.06
Question 10	15	Food contamination	13	14.5	1.5	8.96
Question 11	15	Meal planning	58	14.5	4.5	10.05
PAPER 2						
Question 1	100		72	88	55	69.49