



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)**  
**NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE**  
**FORM SIX PRE-NATIONAL EXAMINATIONS - 2023**

**Maasae Girls Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	4	0	1	3	6.7500	28/30	8/9	2/2

GRADE : A=0; B=0; C=0; D=0; E=0; S=1; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	4	6	3	4.25
Question 2	10	Gravitation	4	2.5	0	0.63
Question 3	10	Circular motion, gravitation	4	5	0	2.50
Question 4	10	Projectile motion, Newton's law of motion	4	3	0	0.75
Question 5	10	Heat	3	5	0	2.17
Question 6	10	Heat	2	2	0	1.00
Question 7	10	Environmental physics	2	5	5	5.00
Question 8	15	Current electricity	4	9	2	4.63
Question 9	15	Electronics	0	0	0	0.00
Question 10	15	Electronics	1	0	0	0.00
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	4	10	6	8.00
Question 2	20	Waves	3	6	0	2.67
Question 3	20	Properties of materials (matter)	4	18	5	9.75
Question 4	20	Static electricity	3	2	0	1.33
Question 5	20	Electromagnetism	0	0	0	0.00
Question 6	20	Morden physics	2	4	2.5	3.25
<b>PAPER 3</b>						
Question 1	20	Mechanics	4	19.5	11	16.38
Question 2	15	Heat	4	12	2	7.63
Question 3	15	Current electricity	4	10	5	8.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	14	0	13	1	5.1429	11/32	3/10	1/3

GRADE : A=0; B=0; C=0; D=4; E=5; S=4; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	14	7.5	3	5.68
Question 2	10	Chemical bonding	14	9.5	4	6.32
Question 3	10	Gases	14	4	2	2.82
Question 4	10	Relative molecular masses in solution	14	7.5	1.5	4.64
Question 5	10	Inorganic (selected compounds of metals)	14	5	0	0.93
Question 6	10	Thermochemistry	14	8	1	4.64
Question 7	10	Chemical equilibrium	14	6.5	0	1.82
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	11	11	1	6.91
Question 9	15	Organic chemistry (aromatic hydrocarbons)	13	11.5	0.5	5.92
Question 10	15	Soil chemistry	5	10	5	6.40
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	14	11	5	7.50
Question 2	20	Chemical kinetics	11	8.5	1	5.14
Question 3	20	Buffer solution (Acid, base and salts)	6	15	11	12.83
Question 4	20	Periodic classification	13	15	4	7.62
Question 5	20	Transition elements	13	13.5	5	8.69
Question 6	20	Carbon compounds	13	15	9	12.38
<b>PAPER 3</b>						
Question 1	20	Redox titration	14	14	5.5	9.07
Question 2	15	Thermochemistry (energetic)	14	11.5	5	8.07
Question 3	15	Qualitative analysis	14	14	2	9.29

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	14	0	11	3	5.4286	22/31	6/10	2/3

GRADE : A=0; B=0; C=0; D=2; E=7; S=2; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	14	6	1	3.36
Question 2	10	Biochemistry	14	7	0	4.50
Question 3	10	Principles of classification	14	8.5	0	5.39
Question 4	10	Coordination	14	3.5	0	1.00
Question 5	10	Nutrition	14	2	0	0.50
Question 6	10	Reproduction	12	2	0	0.25
Question 7	10	Respiration and gaseous exchange	14	7	2	4.43
Question 8	15	Reproduction	4	4	4	4.00
Question 9	15	Transport of materials	7	4.5	0	1.07
Question 10	15	Respiration and gaseous exchange	13	14	0	4.00
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	14	16	9	11.14
Question 2	20	Evolution	14	12	1	6.14
Question 3	20	Genetics	10	16.5	3	8.60
Question 4	20	Growth and development	12	11	2	6.42
Question 5	20	Osmoregulation, homeostasis and excretion	10	12	1	6.20
Question 6	20	Ecology	10	20	8	15.20
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	14	18.5	9	14.14
Question 2	15	Cytology (biochemistry)	14	9	1	6.57
Question 3	15	Principles of classification	14	13.5	7	10.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	13	0	13	0	4.1538	18/39	7/12	1/4

GRADE : A=0; B=0; C=1; D=9; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	13	24	3	17.31
Question 2	15	Photograph	9	13	4	9.89
Question 3	15	Survey	4	5.5	1	3.38
Question 4	20	Dynamic earth and Consequences	3	12	0	4.00
Question 5	20	Soil	9	10	2	5.33
Question 6	20	Water Masses	13	17	4	11.15
Question 7	20	Space Dynamics	12	11	3	5.83
<b>PAPER 2</b>						
Question 1	20	Population	13	16	0	11.27
Question 2	20	Population	13	18	8	14.77
Question 3	20	Agriculture	5	8	5	7.00
Question 4	20	Tourism	13	14	9	10.92
Question 5	20	Industry	13	20	12	17.08
Question 6	20	Fishing	8	12	1	9.63
Question 7	20	Fuel and power	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GENERAL STUDIES	26	0	24	2	4.7308	34/39	10/12	3/4

GRADE : A=0; B=0; C=4; D=5; E=13; S=2; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	18	15	6	9.89
Question 2	20	Contemporary and cross cutting issues	24	15	3	9.52
Question 3	20	Democracy	25	14	3	10.08
Question 4	20	Contemporary and cross cutting issues	22	13	5	10.05
Question 5	20	Science and technology	7	10	1	5.29
Question 6	20	International affairs	17	15.5	3	7.18
Question 7	20	Globalization	14	15	1	10.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	8	0	8	0	4.6250	11/34	1/12	1/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu na ufupisho	8	9	6	7.50
Question 2	10	Sarufi (aina za maneno)	7	7	0	5.00
Question 3	10	Sarufi (kufasili maneono / istilahi)	8	8	2	5.88
Question 4	10	Utumizi wa lugha	8	7.5	4	6.06
Question 5	20	Uandishi	8	20	20	20.00
Question 6	20	Maendeleo ya kiswahili	0	0	0	0.00
Question 7	20	Maendeleo ya kiswahili	8	16	12	13.50
Question 8	20	Tafsiri na ukalimani	8	2	1	1.75
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	7	9	1.5	4.79
Question 2	10	Fasihi simulizi	8	4	0	1.25
Question 3	10	Fasihi simulizi	8	4	0	0.50
Question 4	10	Usanifu wa maandishi	8	6.5	2.5	4.69
Question 5	20	Fasihi simulizi	4	1	0.5	0.75
Question 6	20	Riwaya	8	16.5	0.5	9.00
Question 7	20	Tamthiliya	8	17	4	13.38
Question 8	20	Tamthiliya	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	11	0	10	1	4.2727	35/36	12/12	4/4

GRADE : A=0; B=1; C=1; D=5; E=3; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Introduction to language	11	8	0	4.09
Question 2	10	Introduction to language	11	10	5	8.00
Question 3	10	Introduction to language	11	10	0	5.64
Question 4	10	Introduction to language	10	10	4	7.40
Question 5	20	Word formation	11	17	7	11.45
Question 6	20	Listening skills	11	14	5	10.45
Question 7	20	Speaking	10	19	10	15.40
Question 8	20	Translation and interpretation	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	11	8	0	3.09
Question 2	10	Introduction to literature	11	8	4	6.18
Question 3	10	Introduction to literature	11	9	0	3.27
Question 4	10	Stylistics and communication	11	10	0	0.91
Question 5	20	Novels	11	17	2	7.82
Question 6	20	Plays	11	16	10	12.45
Question 7	20	Poetry	7	20	2	10.71
Question 8	20	Poetry	4	15	9	12.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	12	0	11	1	4.5000	32/38	8/12	4/4

GRADE : A=0; B=0; C=2; D=4; E=5; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Political and economic development in Tanzania since independence	10	4	0	1.80
Question 2	20	Africa and Europe in the 15th C	11	17	5	11.68
Question 3	20	People of African origin in the new World	6	13	1.5	5.83
Question 4	20	From colonialism to the First World War	12	14	10	12.88
Question 5	20	Colonial economy and social services after Second World War	1	12.5	12.5	12.50
Question 6	20	Pre-colonial African societies	12	17	4	11.92
Question 7	20	Influence of external forces and the rise of nationalism in Africa	6	17	1	11.00
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	12	18	12	15.00
Question 2	20	Imperialism and territorial division of the World	12	14	7	11.08
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	11	14.5	4.5	11.32
Question 4	20	The emergence of USA as a super power nation	5	14	10	12.80
Question 5	20	The rise of capitalism in Europe	12	16	6	11.00
Question 6	20	The rise of socialism	0	0	0	0.00
Question 7	20	Threat to the World peace after WWII	2	10	2	6.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	14	0	6	8	6.2143	11/38	4/12	1/4

GRADE : A=0; B=0; C=0; D=1; E=3; S=2; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	14	10	3	7.57
Question 2	10	Functions	14	7.5	0	3.21
Question 3	10	Algebra	14	6	0	1.50
Question 4	10	Differentiation	14	7.5	0	2.36
Question 5	10	Integration	14	5.5	0	1.64
Question 6	10	Statistics	14	10	0	4.39
Question 7	10	Probability	14	2	0	0.29
Question 8	10	Trigonometry	14	1	0	0.07
Question 9	10	Exponential and logarithmic functions	14	5	0	1.36
Question 10	10	Matrices and linear programming	14	8	1	4.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND HUMAN NUTRITION	2	0	2	0	3.0000	3/3	1/1	1/1

GRADE : A=0; B=0; C=2; D=0; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Nutrient requirement	2	8.5	8.5	8.50
Question 2	10	Nutrient requirement	2	7	5	6.00
Question 3	10	Food production	2	6	5	5.50
Question 4	10	Food production	2	5	4	4.50
Question 5	10	Food storage	2	8	7.5	7.75
Question 6	10	Food production	2	9	5	7.00
Question 7	20	Technology of specific product	2	18.5	15.5	17.00
Question 8	20	Food processing and preservation	0	0	0	0.00
Question 9	20	Food safety	2	17	14	15.50
<b>PAPER 2</b>						
Question 1	10	Catering and institutional feeding	2	10	10	10.00
Question 2	10	Food microbiology	2	7.5	7	7.25
Question 3	10	Food microbiology	2	0	0	0.00
Question 4	10	Catering and institutional feeding	2	0	0	0.00
Question 5	10	Intervention program planning	2	5	2	3.50
Question 6	10	Malnutrition	2	6	1.5	3.75
Question 7	20	Intervention program planning	1	14	14	14.00
Question 8	20	Catering and institutional feeding	2	16	13.5	14.75
Question 9	20	Malnutrition	1	19	19	19.00
<b>PAPER 3</b>						
Question 1	20	Food composition, food preservation	2	14	13	13.50
Question 2	15	Food composition	2	9	7	8.00
Question 3	15	Technology of specific product	2	10	9	9.50