



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

**St. Marie Eugenie Girls Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	7	0	2	5	6.4286	14/32	8/20	5/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	7	7.5	5	5.71
Question 2	10	Hyperbolic function	5	7	0.5	3.30
Question 3	10	Linear programming	7	10	2	6.57
Question 4	10	Statistics	7	4.5	1	2.79
Question 5	10	Sets	7	10	2.5	5.43
Question 6	10	Function	7	7	2	4.14
Question 7	10	Numerical method	7	5.5	0	3.64
Question 8	10	Coordinate geometry I	7	7.5	0	1.79
Question 9	10	Integration	7	0	0	0.00
Question 10	10	Differentiation	7	2.5	0	0.50
<b>PAPER 2</b>						
Question 1	15	Probability	7	8	0	2.14
Question 2	15	Logic	7	11	0	5.64
Question 3	15	Vector	7	10	1	6.71
Question 4	15	Complex number	7	10	0	5.00
Question 5	20	Trigonometric ratio	7	5	0	1.14
Question 6	20	Algebra	7	13	2	8.29
Question 7	20	Differentiation equation	7	0	0	0.00
Question 8	20	Coordinate geometry II	7	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	25	0	12	13	6.0800	22/30	15/18	12/14

GRADE : A=0; B=0; C=0; D=2; E=7; S=3; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	25	10	2	6.12
Question 2	10	Gravitation	24	10	0	2.13
Question 3	10	Circular motion, gravitation	25	5	0	1.84
Question 4	10	Projectile motion, Newton's law of motion	25	6	0	2.00
Question 5	10	Heat	25	6	0	4.14
Question 6	10	Heat	24	4	0	0.83
Question 7	10	Environmental physics	21	10	2	6.29
Question 8	15	Current electricity	10	7	0	3.80
Question 9	15	Electronics	20	10	0	4.85
Question 10	15	Electronics	21	7	0	2.67
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	25	13	1	6.76
Question 2	20	Waves	22	13.5	2	9.20
Question 3	20	Properties of materials (matter)	25	20	0	8.20
Question 4	20	Static electricity	13	5	0	2.69
Question 5	20	Electromagnetism	22	9	0	4.34
Question 6	20	Morden physics	16	11	0	4.47
<b>PAPER 3</b>						
Question 1	20	Mechanics	25	18.5	2.5	15.08
Question 2	15	Heat	25	11	7	8.66
Question 3	15	Current electricity	25	13	0	5.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	33	0	33	0	4.2424	5/32	4/18	2/14

GRADE : A=0; B=2; C=4; D=12; E=14; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	33	10	1	7.20
Question 2	10	Chemical bonding	33	9.5	1	6.11
Question 3	10	Gases	33	10	1	5.55
Question 4	10	Relative molecular masses in solution	31	8	0	3.50
Question 5	10	Inorganic (selected compounds of metals)	32	10	0	4.19
Question 6	10	Thermochemistry	33	10	0	4.70
Question 7	10	Chemical equilibrium	33	7	0	1.77
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	20	11	1	4.85
Question 9	15	Organic chemistry (aromatic hydrocarbons)	13	6.5	0	2.00
Question 10	15	Soil chemistry	32	12	1	8.09
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	32	16	0	6.33
Question 2	20	Chemical kinetics	33	17	4.5	13.14
Question 3	20	Buffer solution (Acid, base and salts)	33	20	5	12.64
Question 4	20	Periodic classification	33	20	0	7.18
Question 5	20	Transition elements	33	19	2.5	11.39
Question 6	20	Carbon compounds	1	14	14	14.00
<b>PAPER 3</b>						
Question 1	20	Redox titration	33	19	10.5	16.08
Question 2	15	Thermochemistry (energetic)	33	13	2	7.88
Question 3	15	Qualitative analysis	33	13	7	10.47

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	27	0	27	0	4.2593	5/31	3/17	1/13

GRADE : A=0; B=1; C=3; D=12; E=10; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	27	8	2	4.56
Question 2	10	Biochemistry	27	10	0	6.56
Question 3	10	Principles of classification	27	10	0	7.72
Question 4	10	Coordination	27	4.5	0	1.57
Question 5	10	Nutrition	27	3	0	0.22
Question 6	10	Reproduction	27	7	0	3.11
Question 7	10	Respiration and gaseous exchange	27	10	3	6.63
Question 8	15	Reproduction	18	3	0	1.28
Question 9	15	Transport of materials	26	15	0	9.00
Question 10	15	Respiration and gaseous exchange	11	15	0	7.73
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	25	13	4	10.80
Question 2	20	Evolution	27	12	3	8.41
Question 3	20	Genetics	19	20	0	11.87
Question 4	20	Growth and development	13	15	0	7.46
Question 5	20	Osmoregulation, homeostasis and excretion	25	18	0	8.56
Question 6	20	Ecology	26	20	13	17.96
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	27	19.5	11	16.85
Question 2	15	Cytology (biochemistry)	27	10	2	6.74
Question 3	15	Principles of classification	27	13	6	10.15

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	18	0	18	0	3.6667	8/39	6/23	3/16

GRADE : A=0; B=1; C=7; D=7; 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	18	25	3	16.81
Question 2	15	Photograph	10	13.5	1	7.75
Question 3	15	Survey	8	10	1	6.13
Question 4	20	Dynamic earth and Consequences	5	12	0	7.40
Question 5	20	Soil	13	17	2	10.69
Question 6	20	Water Masses	18	18	5	11.17
Question 7	20	Space Dynamics	15	15	0	8.87
<b>PAPER 2</b>						
Question 1	20	Population	18	18	0	8.61
Question 2	20	Population	18	18	12	14.89
Question 3	20	Agriculture	10	19	12	15.80
Question 4	20	Tourism	16	17	3	10.13
Question 5	20	Industry	14	20	13	17.57
Question 6	20	Fishing	11	15	9	13.09
Question 7	20	Fuel and power	1	20	20	20.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GENERAL STUDIES	51	0	51	0	3.2353	4/39	4/23	3/16

GRADE : A=0; B=12; C=22; D=11; E=5; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	28	16.5	6.5	12.63
Question 2	20	Contemporary and cross cutting issues	42	15	6.5	11.39
Question 3	20	Democracy	49	16	2	13.31
Question 4	20	Contemporary and cross cutting issues	38	15	0.5	11.17
Question 5	20	Science and technology	42	20	4.5	15.48
Question 6	20	International affairs	38	16	2.5	10.07
Question 7	20	Globalization	18	15	0.5	10.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	8	0	8	0	4.2500	6/34	4/18	3/13

GRADE : A=0; B=0; C=0; D=6; E=2; 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	9.5	5	7.63
Question 2	10	Sarufi (aina za maneno)	8	8	0	5.25
Question 3	10	Sarufi (kufasili maneono / istilahi)	8	10	2	6.44
Question 4	10	Utumizi wa lugha	8	9	4	5.94
Question 5	20	Uandishi	8	20	14	17.25
Question 6	20	Maendeleo ya kiswahili	7	18	11.5	15.29
Question 7	20	Maendeleo ya kiswahili	1	13	13	13.00
Question 8	20	Tafsiri na ukalimani	8	16	6	10.63
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	8	6.5	0	4.44
Question 2	10	Fasihi simulizi	8	2	0	0.50
Question 3	10	Fasihi simulizi	6	0	0	0.00
Question 4	10	Usanifu wa maandishi	8	6.5	4.5	5.81
Question 5	20	Fasihi simulizi	8	4	1	2.25
Question 6	20	Riwaya	5	18.5	2.5	7.60
Question 7	20	Tamthiliya	8	15	3	11.00
Question 8	20	Tamthiliya	3	18	10	14.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	12	0	12	0	2.4167	6/36	3/20	2/14

GRADE : A=0; B=7; C=5; 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	Introduction to language	12	8	0	4.42
Question 2	10	Introduction to language	12	10	6	9.33
Question 3	10	Introduction to language	12	10	0	9.00
Question 4	10	Introduction to language	12	10	2	8.83
Question 5	20	Word formation	12	18	10	14.08
Question 6	20	Listening skills	12	16	12	13.83
Question 7	20	Speaking	8	19	14	17.13
Question 8	20	Translation and interpretation	4	20	15	18.25
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	12	10	1	7.25
Question 2	10	Introduction to literature	12	8	0	5.50
Question 3	10	Introduction to literature	11	10	2	5.82
Question 4	10	Stylistics and communication	6	10	0	7.17
Question 5	20	Novels	12	20	2	10.92
Question 6	20	Plays	12	17	12	14.17
Question 7	20	Poetry	8	20	11	17.00
Question 8	20	Poetry	4	16	14	15.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	17	0	16	1	3.5882	18/38	12/22	9/16

GRADE : A=1; B=3; C=4; D=6; E=1; S=1; 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	17	17	2	8.18
Question 2	20	Africa and Europe in the 15th C	17	17	3	14.32
Question 3	20	People of African origin in the new World	11	17	1	12.23
Question 4	20	From colonialism to the First World War	15	17	4	13.40
Question 5	20	Colonial economy and social services after Second World War	6	16	3.5	10.42
Question 6	20	Pre-colonial African societies	11	18.5	0	7.55
Question 7	20	Influence of external forces and the rise of nationalism in Africa	8	18	9	14.13
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	17	19	7	14.82
Question 2	20	Imperialism and territorial division of the World	16	19	1	14.16
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	13	18	3	12.54
Question 4	20	The emergence of USA as a super power nation	11	15	0	5.05
Question 5	20	The rise of capitalism in Europe	12	17.5	0	10.38
Question 6	20	The rise of socialism	5	15.5	1	6.70
Question 7	20	Threat to the World peace after WWII	10	16.5	1	10.65

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	32	0	15	17	5.8125	8/38	6/22	3/15

GRADE : A=0; B=1; C=3; D=2; E=6; S=3; F=17;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	32	10	1.5	7.84
Question 2	10	Functions	32	9.5	0	2.86
Question 3	10	Algebra	32	10	0	3.42
Question 4	10	Differentiation	32	7.5	0.5	3.03
Question 5	10	Integration	32	8	0	2.53
Question 6	10	Statistics	32	10	0	4.34
Question 7	10	Probability	32	7	0	2.19
Question 8	10	Trigonometry	32	8.5	0	2.30
Question 9	10	Exponential and logarithmic functions	32	6	0	1.53
Question 10	10	Matrices and linear programming	31	10	0	5.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	6	0	6	0	5.0000	10/33	8/21	5/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Subject matter of economics	6	0	0	0.00
Question 2	10	Trade cycle	6	10	2	7.33
Question 3	20	Theory of demand and supply	3	19	11	15.00
Question 4	20	Theory of firm	6	14.5	0	8.75
Question 5	20	Concept of market	3	5.5	3.5	4.33
Question 6	20	Money and price index	2	0.5	0.5	0.50
Question 7	20	Privatization	6	17.5	8.5	14.17
Question 8	20	Employment and unemployment	4	18	0	6.50
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	6	10	6	8.17
Question 2	10	Public finance	6	5	0	2.67
Question 3	20	National income	0	0	0	0.00
Question 4	20	Financial institution	6	6	1	4.33
Question 5	20	Public finance	6	17	8	12.75
Question 6	20	International trade	4	14	10	12.00
Question 7	20	Marketing and distribution	5	15	0	6.00
Question 8	20	Structure of Tanzania economy	3	15	10	13.00