



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

**St. Mary Goreti Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	62	0	29	33	6.0000	7/32	5/20	2/15

GRADE : A=0; B=0; C=2; D=8; E=11; S=8; F=33;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	62	10	0	4.17
Question 2	10	Hyperbolic function	53	10	0	3.91
Question 3	10	Linear programming	62	10	0	7.62
Question 4	10	Statistics	61	9	0	3.93
Question 5	10	Sets	62	10	0	6.78
Question 6	10	Function	61	10	0	4.74
Question 7	10	Numerical method	60	8.5	0	2.49
Question 8	10	Coordinate geometry I	59	10	0	3.33
Question 9	10	Integration	34	7.5	0	1.56
Question 10	10	Differentiation	41	10	0	1.91
<b>PAPER 2</b>						
Question 1	15	Probability	62	10	0	3.73
Question 2	15	Logic	62	15	0	6.57
Question 3	15	Vector	61	12	0	3.89
Question 4	15	Complex number	62	10	0	4.46
Question 5	20	Trigonometric ratio	58	16	0	1.84
Question 6	20	Algebra	45	19	0	7.82
Question 7	20	Differentiation equation	58	12	0	2.14
Question 8	20	Coordinate geometry II	60	19.5	0	2.72

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	122	0	86	36	5.5656	12/30	7/18	5/14

GRADE : A=0; B=1; C=4; D=20; E=33; S=28; F=36;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	121	10	0	4.67
Question 2	10	Gravitation	121	9	0	1.52
Question 3	10	Circular motion, gravitation	120	10	0	3.43
Question 4	10	Projectile motion, Newton's law of motion	121	10	0	3.01
Question 5	10	Heat	121	10	0	5.05
Question 6	10	Heat	118	10	0	2.12
Question 7	10	Environmental physics	113	10	0	6.08
Question 8	15	Current electricity	51	11	0	3.24
Question 9	15	Electronics	59	15	0	3.22
Question 10	15	Electronics	109	12	0	2.06
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	121	16.5	2	7.95
Question 2	20	Waves	122	19	0	8.50
Question 3	20	Properties of materials (matter)	121	20	0	12.07
Question 4	20	Static electricity	22	6	0	1.14
Question 5	20	Electromagnetism	88	14	0	3.38
Question 6	20	Morden physics	111	16	0	6.26
<b>PAPER 3</b>						
Question 1	20	Mechanics	121	20	7	16.32
Question 2	15	Heat	121	13.5	3	9.64
Question 3	15	Current electricity	121	14	2	8.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	148	0	124	24	4.9595	9/32	6/18	4/14

GRADE : A=0; B=6; C=12; D=39; E=40; S=27; F=24;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	148	10	0	6.61
Question 2	10	Chemical bonding	148	10	1	7.25
Question 3	10	Gases	148	10	1	4.08
Question 4	10	Relative molecular masses in solution	147	9.5	0	4.75
Question 5	10	Inorganic (selected compounds of metals)	144	10	0	2.77
Question 6	10	Thermochemistry	146	10	0	5.10
Question 7	10	Chemical equilibrium	148	9	0	1.97
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	118	12.5	0	6.81
Question 9	15	Organic chemistry (aromatic hydrocarbons)	130	14.5	0	7.42
Question 10	15	Soil chemistry	36	13	1	7.19
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	141	16	0	6.75
Question 2	20	Chemical kinetics	118	15	0	4.56
Question 3	20	Buffer solution (Acid, base and salts)	132	19	0	7.27
Question 4	20	Periodic classification	89	14	0	3.38
Question 5	20	Transition elements	146	18	0	8.43
Question 6	20	Carbonl compounds	95	18	0	11.04
<b>PAPER 3</b>						
Question 1	20	Redox titration	148	19.5	1	15.51
Question 2	15	Thermochemistry (energetic)	148	15	0	7.24
Question 3	15	Qualitative analysis	148	15	2.5	12.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	122	0	108	14	4.9836	15/31	10/17	8/13

GRADE : A=0; B=0; C=5; D=38; E=47; S=18; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	122	8	0	5.06
Question 2	10	Biochemistry	122	10	0	3.45
Question 3	10	Principles of classification	122	10	0	6.39
Question 4	10	Coordination	122	10	0	3.23
Question 5	10	Nutrition	122	7	0	2.00
Question 6	10	Reproduction	118	10	0	3.92
Question 7	10	Respiration and gaseous exchange	118	9	0	3.46
Question 8	15	Reproduction	89	7	0	3.18
Question 9	15	Transport of materials	35	15	0	2.63
Question 10	15	Respiration and gaseous exchange	111	12	0	3.23
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	122	17	2	11.05
Question 2	20	Evolution	113	12	0	6.04
Question 3	20	Genetics	98	20	0	8.59
Question 4	20	Growth and development	92	16	0	6.44
Question 5	20	Osmoregulation, homeostasis and excretion	120	20	0	9.84
Question 6	20	Ecology	63	19	2	12.61
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	121	20	7	15.95
Question 2	15	Cytology (biochemistry)	121	14	1	8.58
Question 3	15	Principles of classification	121	15	6	11.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	87	0	86	1	3.7126	10/39	7/23	4/16

GRADE : A=0; B=10; C=28; D=30; E=16; S=2; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	87	25	0	16.33
Question 2	15	Photograph	57	14	0	6.26
Question 3	15	Survey	30	12	0	4.83
Question 4	20	Dynamic earth and Consequences	15	13	0	4.67
Question 5	20	Soil	77	18	0	11.51
Question 6	20	Water Masses	87	19	0	5.47
Question 7	20	Space Dynamics	77	18	3	9.49
<b>PAPER 2</b>						
Question 1	20	Population	87	17	0	8.09
Question 2	20	Population	83	19	6	14.95
Question 3	20	Agriculture	57	19	8	13.35
Question 4	20	Tourism	78	20	1	16.88
Question 5	20	Industry	76	20	1	16.07
Question 6	20	Fishing	52	18	1	12.38
Question 7	20	Fuel and power	2	18	13	15.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	280	0	279	1	2.9071	2/39	2/23	2/16

GRADE : A=8; B=87; C=125; D=46; E=12; S=1; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	251	18.5	4	12.03
Question 2	20	Contemporary and cross cutting issues	219	20	6.5	13.19
Question 3	20	Democracy	279	20	7.5	13.91
Question 4	20	Contemporary and cross cutting issues	77	20	0.5	10.06
Question 5	20	Science and technology	259	20	0.5	14.85
Question 6	20	International affairs	171	18.5	4	11.43
Question 7	20	Globalization	144	19	1	13.07

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	38	0	34	4	4.7368	1/8	1/4	1/4

GRADE : A=0; B=0; C=5; D=11; E=15; S=3; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Nature and context of accounting	38	8	0	4.89
Question 2	10	Provision and receives	38	10	1	5.89
Question 3	10	Depreciation	38	5	0	3.21
Question 4	10	Correction of error	38	10	1	5.66
Question 5	20	Branch account	23	13	0	5.83
Question 6	20	Investment account	14	12	2	5.86
Question 7	20	Financial statements and interpretation	38	16	3	10.42
Question 8	20	Financial statements	38	16	10	12.26
<b>PAPER 2</b>						
Question 1	10	Computerizing account	38	10	6	8.87
Question 2	10	Royalties account	38	9.5	0	7.59
Question 3	10	Stock valuation	36	10	0	2.88
Question 4	10	Company	34	7	0	2.65
Question 5	20	Cost account	12	10	0	5.17
Question 6	20	Hire purchase	27	20	0	5.11
Question 7	20	Containers account	37	20	1	7.45
Question 8	20	Payroll account	37	20	0	12.95

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	23	0	21	2	5.1304	21/34	11/18	9/13

GRADE : A=0; B=0; C=1; D=2; E=15; S=3; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu na ufupisho	23	8.5	2.5	6.00
Question 2	10	Sarufi (aina za maneno)	23	9	0	5.13
Question 3	10	Sarufi (kufasili maneono / istilahi)	23	10	0	4.26
Question 4	10	Utumizi wa lugha	23	8	0	4.22
Question 5	20	Uandishi	23	20	12	16.52
Question 6	20	Maendeleo ya kiswahili	8	17.5	0.5	8.88
Question 7	20	Maendeleo ya kiswahili	14	18	8	14.14
Question 8	20	Tafsiri na ukalimani	21	4	0	2.52
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	23	7	0	3.48
Question 2	10	Fasihi simulizi	23	4	0	1.48
Question 3	10	Fasihi simulizi	20	8	0	0.90
Question 4	10	Usanifu wa maandishi	23	7.5	3	5.80
Question 5	20	Fasihi simulizi	22	16	1	4.73
Question 6	20	Riwaya	22	13.5	0.5	6.70
Question 7	20	Tamthiliya	20	17	4	14.55
Question 8	20	Tamthiliya	3	12	1	8.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	37	0	37	0	3.6757	29/36	17/20	11/14

GRADE : A=0; B=7; C=7; D=16; E=5; 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	Introduction to language	37	10	0	2.65
Question 2	10	Introduction to language	37	10	3	8.57
Question 3	10	Introduction to language	35	10	0	4.11
Question 4	10	Introduction to language	37	10	0	8.49
Question 5	20	Word formation	37	20	7	14.49
Question 6	20	Listening skills	35	17	2	12.40
Question 7	20	Speaking	24	18	1	13.54
Question 8	20	Translation and interpretation	10	16	0	7.20
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	37	10	0	5.49
Question 2	10	Introduction to literature	37	8	0	5.22
Question 3	10	Introduction to literature	35	10	0	1.77
Question 4	10	Stylistics and communication	35	10	0	3.51
Question 5	20	Novels	37	20	2	12.35
Question 6	20	Plays	37	18	7	12.86
Question 7	20	Poetry	9	19	10	16.00
Question 8	20	Poetry	28	17	7	12.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	58	0	55	3	4.2759	30/38	20/22	14/16

GRADE : A=0; B=2; C=12; D=22; E=15; S=4; F=3;

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	57	17	1	5.31
Question 2	20	Africa and Europe in the 15th C	55	17.5	9	14.19
Question 3	20	People of African origin in the new World	27	15.5	0	5.85
Question 4	20	From colonialism to the First World War	56	17	2	12.79
Question 5	20	Colonial economy and social services after Second World War	15	7.5	0.5	3.83
Question 6	20	Pre-colonial African societies	45	19.5	0	6.64
Question 7	20	Influence of external forces and the rise of nationalism in Africa	30	14	3	8.52
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	58	20	9	18.28
Question 2	20	Imperialism and territorial division of the World	57	17	2	13.21
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	32	16	1.5	8.54
Question 4	20	The emergence of USA as a super power nation	34	16.5	0	8.46
Question 5	20	The rise of capitalism in Europe	52	18.5	0.5	11.50
Question 6	20	The rise of socialism	20	16	0	9.03
Question 7	20	Threat to the World peace after WWII	27	17	1	8.80

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	38	0	38	0	3.9474	1/8	1/4	1/4

GRADE : A=0; B=1; C=11; D=17; E=7; S=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Banking	38	16.5	6	13.38
Question 2	20	Insurance	35	16.5	9.5	13.51
Question 3	20	Advertising	38	16	0	11.43
Question 4	20	Trade	26	18	0	10.48
Question 5	20	Production	38	15	0	5.32
Question 6	20	Production	33	17	0	12.08
Question 7	20	Stock exchange	36	15.5	0	3.58
<b>PAPER 2</b>						
Question 1	20	Taxation	38	14.5	1	10.18
Question 2	20	Export trade	37	16	0	12.14
Question 3	20	Contract of sales	13	19	0	6.31
Question 4	20	Organization and management	19	11	0	0.63
Question 5	20	Business unit	28	11	0	6.96
Question 6	20	Business office	38	16.5	0	10.83
Question 7	20	Role of government in trade	37	11	0	6.64

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	181	0	100	81	5.6354	6/38	4/22	1/15

GRADE : A=0; B=6; C=14; D=26; E=29; S=25; F=81;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	181	10	0	7.28
Question 2	10	Functions	181	9.5	0	2.76
Question 3	10	Algebra	181	10	0	5.25
Question 4	10	Differentiation	181	10	0	3.70
Question 5	10	Integration	179	10	0	2.32
Question 6	10	Statistics	179	10	0	3.37
Question 7	10	Probability	181	10	0	0.57
Question 8	10	Trigonometry	181	10	0	4.47
Question 9	10	Exponential and logarithmic functions	181	10	0	2.45
Question 10	10	Matrices and linear programming	181	10	0	5.49

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	94	0	70	24	5.3511	17/33	13/21	10/15

GRADE : A=0; B=0; C=1; D=23; E=36; S=10; F=24;

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	91	10	0	1.70
Question 2	10	Trade cycle	93	10	0	4.31
Question 3	20	Theory of demand and supply	37	20	0	4.65
Question 4	20	Theory of firm	84	17	0	6.45
Question 5	20	Concept of market	62	19.5	0	5.67
Question 6	20	Money and price index	71	14.5	0	0.80
Question 7	20	Privatization	82	19.5	0	12.98
Question 8	20	Employment and unemployment	34	13	0	3.47
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	94	10	0	6.93
Question 2	10	Public finance	94	7	0	2.33
Question 3	20	National income	22	20	3	7.18
Question 4	20	Financial institution	84	17.5	0	6.90
Question 5	20	Public finance	81	19	0	11.51
Question 6	20	International trade	54	17	10	13.30
Question 7	20	Marketing and distribution	79	17.5	0.5	12.07
Question 8	20	Structure of Tanzania economy	55	19	5	13.96

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND HUMAN NUTRITION	11	0	11	0	2.6364	1/3	1/2	1/2

GRADE : A=0; B=6; C=3; D=2; 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	11	10	7.5	9.05
Question 2	10	Nutrient requirement	11	10	1.5	7.05
Question 3	10	Food production	11	9.5	7	8.32
Question 4	10	Food production	11	8	2.5	5.82
Question 5	10	Food storage	11	10	8	9.32
Question 6	10	Food production	10	8	5	6.80
Question 7	20	Technology of specific product	11	20	14.5	17.50
Question 8	20	Food processing and preservation	9	15	7	11.72
Question 9	20	Food safety	1	15.5	15.5	15.50
<b>PAPER 2</b>						
Question 1	10	Catering and institutional feeding	11	9	8	8.91
Question 2	10	Food microbiology	11	10	5	7.27
Question 3	10	Food microbiology	11	9	0	0.82
Question 4	10	Catering and institutional feeding	11	10	0	6.50
Question 5	10	Intervention program planning	11	10	3	7.27
Question 6	10	Malnutrition	10	6	0	3.40
Question 7	20	Intervention program planning	6	18	12	15.17
Question 8	20	Catering and institutional feeding	10	19	11	16.40
Question 9	20	Malnutrition	6	15	9	12.08
<b>PAPER 3</b>						
Question 1	20	Food composition, food preservation	11	18	10	14.82
Question 2	15	Food composition	11	11	5	8.91
Question 3	15	Technology of specific product	11	13	4.5	8.68