



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

ST. MARYS Duluti Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	5	0	3	2	6.2000	11/32	3/8	2/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	5	7.5	5	6.50
Question 2	10	Hyperbolic function	3	5	5	5.00
Question 3	10	Linear programming	5	10	6	8.20
Question 4	10	Statistics	5	6	2.5	4.20
Question 5	10	Sets	5	10	5	7.40
Question 6	10	Function	5	10	1	4.70
Question 7	10	Numerical method	5	5.5	0	2.50
Question 8	10	Coordinate geometry I	5	2.5	0	1.70
Question 9	10	Integration	5	2.5	0	1.00
Question 10	10	Differentiation	5	5	0	1.50
PAPER 2						
Question 1	15	Probability	5	6	2	3.80
Question 2	15	Logic	5	11	5	7.80
Question 3	15	Vector	5	7	0	2.40
Question 4	15	Complex number	5	4	0	2.20
Question 5	20	Trigonometric ratio	5	5	0	1.00
Question 6	20	Algebra	5	14	3	9.00
Question 7	20	Differentiation equation	5	3	0	0.60
Question 8	20	Coordinate geometry II	5	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	5	0	2	3	6.4000	25/30	7/9	4/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	5	7	5	5.80
Question 2	10	Gravitation	5	2.5	0	1.90
Question 3	10	Circular motion, gravitation	5	5	0	3.20
Question 4	10	Projectile motion, Newton's law of motion	5	4	0	1.60
Question 5	10	Heat	4	6	0	3.75
Question 6	10	Heat	4	4	0	1.00
Question 7	10	Environmental physics	4	5	4	4.75
Question 8	15	Current electricity	2	6	6	6.00
Question 9	15	Electronics	2	2	1	1.50
Question 10	15	Electronics	3	1	0	0.67
PAPER 2						
Question 1	20	Fluid dynamics	5	10.5	2	5.50
Question 2	20	Waves	4	3	3	3.00
Question 3	20	Properties of materials (matter)	5	20	2	9.80
Question 4	20	Static electricity	4	4	2	2.50
Question 5	20	Electromagnetism	4	8	2	4.50
Question 6	20	Morden physics	1	3	3	3.00
PAPER 3						
Question 1	20	Mechanics	5	20	16	17.70
Question 2	15	Heat	5	11	8	9.90
Question 3	15	Current electricity	5	13.5	4	9.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	7	0	2	5	6.7143	31/32	9/10	4/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	7	8	4.5	5.50
Question 2	10	Chemical bonding	7	6.5	0	3.93
Question 3	10	Gases	7	5.5	3	3.43
Question 4	10	Relative molecular masses in solution	7	8	0.5	3.86
Question 5	10	Inorganic (selected compounds of metals)	7	2	0	0.43
Question 6	10	Thermochemistry	7	3	1	2.14
Question 7	10	Chemical equilibrium	7	4	0.5	2.00
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	5	8.5	0	2.70
Question 9	15	Organic chemistry (aromatic hydrocarbons)	1	0	0	0.00
Question 10	15	Soil chemistry	6	13	1	6.33
PAPER 2						
Question 1	20	Two components liquid system	7	5	1	4.00
Question 2	20	Chemical kinetics	7	5	0	1.57
Question 3	20	Buffer solution (Acid, base and salts)	7	14	0	3.43
Question 4	20	Periodic classification	7	1	0	0.43
Question 5	20	Transition elements	6	5	0	1.42
Question 6	20	Carbon compounds	0	0	0	0.00
PAPER 3						
Question 1	20	Redox titration	7	20	7.5	13.07
Question 2	15	Thermochemistry (energetic)	7	12	3.5	5.79
Question 3	15	Qualitative analysis	7	11.5	0	6.21

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	6	0	4	2	5.8333	26/31	9/10	4/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	6	5	2	4.00
Question 2	10	Biochemistry	6	7	2	4.83
Question 3	10	Principles of classification	6	8.5	0	3.67
Question 4	10	Coordination	6	5	0	2.17
Question 5	10	Nutrition	6	1	0	0.17
Question 6	10	Reproduction	5	5	0	2.20
Question 7	10	Respiration and gaseous exchange	6	8	3	4.67
Question 8	15	Reproduction	0	0	0	0.00
Question 9	15	Transport of materials	6	2.5	0	1.08
Question 10	15	Respiration and gaseous exchange	2	10	0	5.00
PAPER 2						
Question 1	20	Comparative groups of organisms	6	13	10	10.67
Question 2	20	Evolution	6	6	2	3.83
Question 3	20	Genetics	6	14	0	6.17
Question 4	20	Growth and development	2	13	7	10.00
Question 5	20	Osmoregulation, homeostasis and excretion	4	8	5	6.25
Question 6	20	Ecology	6	20	13	17.17
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	6	18	8	11.67
Question 2	15	Cytology (biochemistry)	6	6	1	3.83
Question 3	15	Principles of classification	6	14	10.5	12.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	16	0	16	0	3.1875	3/39	1/12	1/5

GRADE : A=1; B=2; C=7; D=5; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	16	24	1	15.63
Question 2	15	Photograph	3	12.5	2	6.83
Question 3	15	Survey	11	11	1	5.27
Question 4	20	Dynamic earth and Consequences	4	15	11	12.75
Question 5	20	Soil	16	20	10	16.56
Question 6	20	Water Masses	15	18.5	7	12.03
Question 7	20	Space Dynamics	13	16	1	9.23
PAPER 2						
Question 1	20	Population	16	17	0.5	9.75
Question 2	20	Population	16	19	6	13.56
Question 3	20	Agriculture	7	20	11	15.14
Question 4	20	Tourism	14	18	1	11.71
Question 5	20	Industry	15	20	8	17.53
Question 6	20	Fishing	9	20	11	13.44
Question 7	20	Fuel and power	3	18	13	15.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	22	0	22	0	3.8182	9/39	2/12	1/5

GRADE : A=1; B=0; C=6; D=11; E=3; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	11	15	4	10.68
Question 2	20	Contemporary and cross cutting issues	16	14	5.5	9.69
Question 3	20	Democracy	21	16	6.5	11.02
Question 4	20	Contemporary and cross cutting issues	12	16	0	13.88
Question 5	20	Science and technology	18	19	3	13.11
Question 6	20	International affairs	19	16	5	9.79
Question 7	20	Globalization	13	15	2.5	11.04

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	4	0	4	0	5.2500	25/34	8/12	3/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu na ufupisho	4	8.5	8	8.25
Question 2	10	Sarufi (aina za maneno)	4	8	2	4.75
Question 3	10	Sarufi (kufasili maneono / istilahi)	4	10	3	6.25
Question 4	10	Utumizi wa lugha	4	7	0	3.63
Question 5	20	Uandishi	4	16	16	16.00
Question 6	20	Maendeleo ya kiswahili	1	17.5	17.5	17.50
Question 7	20	Maendeleo ya kiswahili	3	15	11	13.33
Question 8	20	Tafsiri na ukalimani	4	9	1	3.25
PAPER 2						
Question 1	10	Majigambo na ushairi	4	6.5	0.5	2.75
Question 2	10	Fasihi simulizi	4	2	0	0.50
Question 3	10	Fasihi simulizi	4	0	0	0.00
Question 4	10	Usanifu wa maandishi	4	7.5	1	5.50
Question 5	20	Fasihi simulizi	4	1.5	0.5	0.88
Question 6	20	Riwaya	3	14	2.5	6.33
Question 7	20	Tamthiliya	4	15	10	13.00
Question 8	20	Tamthiliya	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	7	0	7	0	3.5714	27/36	8/12	3/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	7	10	0	6.86
Question 2	10	Introduction to language	7	10	7	9.14
Question 3	10	Introduction to language	6	10	2	4.67
Question 4	10	Introduction to language	7	10	6	8.43
Question 5	20	Word formation	7	18	9	14.29
Question 6	20	Listening skills	7	15	12	12.57
Question 7	20	Speaking	2	13	13	13.00
Question 8	20	Translation and interpretation	5	17	8	12.00
PAPER 2						
Question 1	10	Introduction to literature	7	6	2	4.29
Question 2	10	Introduction to literature	7	8	5	6.14
Question 3	10	Introduction to literature	6	4	0	1.50
Question 4	10	Stylistics and communication	7	10	0	3.14
Question 5	20	Novels	7	19	0	12.00
Question 6	20	Plays	7	13	6	10.57
Question 7	20	Poetry	5	17	9	12.40
Question 8	20	Poetry	2	15	11	13.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	11	0	8	3	4.7273	36/38	11/12	4/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Political and economic development in Tanzania since independence	8	12	1	5.63
Question 2	20	Africa and Europe in the 15th C	11	16	6	13.00
Question 3	20	People of African origin in the new World	5	14	0	9.60
Question 4	20	From colonialism to the First World War	11	14.5	5.5	11.73
Question 5	20	Colonial economy and social services after Second World War	2	2.5	0	1.25
Question 6	20	Pre-colonial African societies	10	16	1	9.70
Question 7	20	Influence of external forces and the rise of nationalism in Africa	5	17.5	1	9.80
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	11	18	2.5	13.14
Question 2	20	Imperialism and territorial division of the World	11	14	1	8.23
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	10	14	5	10.75
Question 4	20	The emergence of USA as a super power nation	0	0	0	0.00
Question 5	20	The rise of capitalism in Europe	8	16	0.5	11.00
Question 6	20	The rise of socialism	3	4	0	2.33
Question 7	20	Threat to the World peace after WWII	11	13.5	1	9.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	8	0	5	3	5.3750	4/38	1/12	1/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	8	10	3	8.31
Question 2	10	Functions	8	9	0.5	3.75
Question 3	10	Algebra	8	8	0	3.88
Question 4	10	Differentiation	8	8	0	4.81
Question 5	10	Integration	8	7	0	2.00
Question 6	10	Statistics	8	10	0	3.44
Question 7	10	Probability	8	10	0	4.25
Question 8	10	Trigonometry	8	8.5	0	2.94
Question 9	10	Exponential and logarithmic functions	8	5	0	1.25
Question 10	10	Matrices and linear programming	8	8.5	1	5.19

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	5	0	4	1	5.2000	16/33	4/8	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Subject matter of economics	4	10	0	5.50
Question 2	10	Trade cycle	5	8	4	6.00
Question 3	20	Theory of demand and supply	3	8	3	6.33
Question 4	20	Theory of firm	5	10	5.5	7.70
Question 5	20	Concept of market	2	9	5.5	7.25
Question 6	20	Money and price index	3	3.5	0.5	1.50
Question 7	20	Privatization	5	16	7.5	12.10
Question 8	20	Employment and unemployment	2	0	0	0.00
PAPER 2						
Question 1	10	Regional economic integration	5	9	0	5.80
Question 2	10	Public finance	5	4	0	2.00
Question 3	20	National income	3	9	3	5.50
Question 4	20	Financial institution	3	8.5	3	6.50
Question 5	20	Public finance	4	18.5	0	9.13
Question 6	20	International trade	1	13	13	13.00
Question 7	20	Marketing and distribution	4	14.5	13	13.75
Question 8	20	Structure of Tanzania economy	5	16	9	13.40