



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)  
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE  
FORM SIX PRE-NATIONAL EXAMINATION 2022**

**ST. MARYS Duluti Secondary School  
FORM SIX SUBJECTS PERFORMANCE REPORT - 2022**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	4	0	2	2	6.5000	20/31	5/10	2/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating devices	4	5	2.5	4.38
Question 2	10	Hyperbolic functions	3	2	0	1.17
Question 3	10	Linear programming	4	10	5	7.25
Question 4	10	Statistics	4	10	2	4.75
Question 5	10	Sets	4	10	0	6.38
Question 6	10	Functions	4	10	3	6.25
Question 7	10	Numerical methods	3	5.5	3.5	4.83
Question 8	10	Coordinate geometry 1	3	3	0	1.17
Question 9	10	Integration	2	0.5	0	0.25
Question 10	10	Differentiation	3	4	0	1.83
<b>PAPER 2</b>						
Question 1	15	Probability	4	2	0	1.00
Question 2	15	Logic	4	9	6	7.25
Question 3	15	Vectors	4	6	0	2.25
Question 4	15	Complex numbers	4	6	0	2.75
Question 5	20	Trigonometry	3	12	0	6.83
Question 6	20	Algebra	2	12	9	10.50
Question 7	20	Differential equations	0	0	0	0.00
Question 8	20	Coordinate geometry II	3	6	4	4.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	8	0	4	4	6.1250	25/30	6/8	3/5

GRADE : A=0; B=0; C=0; D=0; E=3; S=1; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	8	6	0	3.00
Question 2	10	Newton's Laws and SHM	8	5	0	2.38
Question 3	10	Moment of gravitational force	8	7	0	3.88
Question 4	10	Gravitational force moment on inertia	8	1	0	0.38
Question 5	10	Heat	8	7	0	3.00
Question 6	10	Heat	8	7	0	2.88
Question 7	10	Environmental physics	8	10	2	6.38
Question 8	15	Current electricity	2	3	1.5	2.25
Question 9	15	Electronics	6	10.5	3	4.75
Question 10	15	Electronics	8	10	3	7.38
<b>PAPER 2</b>						
Question 1	20	Fluid mechanics	8	16	3	8.06
Question 2	20	Waves	3	2	1	1.67
Question 3	20	Properties of matter	8	15	3	8.63
Question 4	20	Electrostatics	8	8.5	1	4.56
Question 5	20	Electromagnetism	4	7	1	3.50
Question 6	20	Modern physics	8	12	3	8.25
<b>PAPER 3</b>						
Question 1	20	Mechanics	8	17.5	4.5	9.56
Question 2	15	Heat	8	11	3	6.50
Question 3	15	Current electricity	8	4	2.5	2.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	12	0	0	12	7.0000	32/32	10/10	5/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Relative molecular mass in a solution	12	7	0	2.08
Question 2	10	Energetics	12	1.5	0	0.88
Question 3	10	Selected compound of metals	12	5	0	1.29
Question 4	10	Aliphatic hydrocarbon	8	2	0	0.25
Question 5	10	Chemical bonding	10	4	0	1.15
Question 6	10	Aromatic hydrocarbon, halo al vane	8	3.5	1	2.19
Question 7	10	Environmental chemistry	12	4	0	1.79
Question 8	15	Gases	4	6.5	0	3.13
Question 9	15	Equilibrium	11	9	0	4.09
Question 10	15	Atomic structure	7	7.5	2	4.64
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	11	14	0	2.64
Question 2	20	Electrochemistry, chemical kinetics	10	2	0	0.70
Question 3	20	Acid, base and salt, solubility and solubility product	11	8	2.5	4.45
Question 4	20	Repidic classification, extraction of metal	12	9	0	5.33
Question 5	20	Transition metal	11	4.5	0	1.68
Question 6	20	Carbon compounds, carboxylic acid, amine	4	1	0	0.25
<b>PAPER 3</b>						
Question 1	20	Acid - base tit ration	12	12	7	9.79
Question 2	15	Solubility	12	2	0	1.17
Question 3	15	Qualitative analysis	12	13	5	9.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	9	0	9	0	4.6667	16/31	3/10	2/5

GRADE : A=0; B=0; C=1; D=2; E=5; 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	9	5	1	3.44
Question 2	10	Biochemistry	9	10	0	2.72
Question 3	10	Principle of classification	9	10	1	6.22
Question 4	10	Nutrition	9	9	0	4.06
Question 5	10	Gaseous exchange and respiration	9	6.5	0	2.11
Question 6	10	Coordination	9	10	0	6.44
Question 7	10	Reproduction	9	9	0	3.44
Question 8	15	Reproduction	6	12.5	1	6.42
Question 9	15	Gaseous exchange and respiration	7	11	4	6.71
Question 10	15	Transport of materials	4	9	3	5.00
<b>PAPER 2</b>						
Question 1	20	Comparative studies of natural groups	7	15	5	11.71
Question 2	20	Growth and development	9	12	3	8.11
Question 3	20	Excretion, osmoregulation and homeostasis	8	12	2	5.38
Question 4	20	Genetics	7	15	1	9.64
Question 5	20	Evolution	8	19.5	8	14.44
Question 6	20	Ecology	6	5	0	2.67
<b>PAPER 3</b>						
Question 1	20	Comparative studies of natural groups	9	16	6	10.78
Question 2	15	Comparative studies of natural groups	9	15	10	12.33
Question 3	15	Cytology	9	15	12	13.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	15	0	14	1	3.8667	35/40	10/13	6/7

GRADE : A=0; B=1; C=6; D=4; 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	25	Map reading and interpretation	15	21	7	11.47
Question 2	15	Elementary survey	1	7	7	7.00
Question 3	15	Photograph reading and interpretation	14	12	3	7.00
Question 4	20	Water masses	14	15	3	8.93
Question 5	20	Space dynamics	2	13	6	9.50
Question 6	20	Space dynamics	14	13	0	7.36
Question 7	20	Soil	14	17	3	8.86
<b>PAPER 2</b>						
Question 1	20	Population and development	15	17	5	12.93
Question 2	20	Population and development	6	16	10	12.92
Question 3	20	Mining industry	11	17	6	13.95
Question 4	20	Agriculture	10	19	9	13.90
Question 5	20	Tourism industry	7	14	1	9.43
Question 6	20	Manufacturing industry	12	17	11	14.25
Question 7	20	Forest resources	14	20	1	14.21

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	26	0	26	0	2.4615	7/40	4/13	3/7

GRADE : A=0; B=16; C=8; D=2; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	26	17	14.5	16.06
Question 2	20	Cross-cutting issues in Tanzania	26	18	11.5	15.69
Question 3	20	Science and technology in development	24	18.5	9.5	13.67
Question 4	20	Democratic process and practice	22	15	4.5	11.36
Question 5	20	International co-operation	10	18.5	10	14.80
Question 6	20	International co-operation	7	14	10	12.57
Question 7	20	Life skills	15	15.5	0.5	9.87

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	3	0	3	0	4.0000	15/34	5/12	2/6

GRADE : A=0; B=0; C=1; D=1; E=1; 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	3	7	5.5	6.17
Question 2	10	Matumizi ya sarufi	3	8	5.5	6.67
Question 3	10	Matumizi ya lugha	3	8	3	6.33
Question 4	10	Matumizi ya sarufi	3	8	4	6.00
Question 5	20	Uandishi	1	15	15	15.00
Question 6	20	Maendeleo ya kiswahili	3	16	8.5	11.67
Question 7	20	Maendeleo ya kiswahili	2	17	13	15.00
Question 8	20	Tafsiri na ukalimani	3	13	1	9.00
<b>PAPER 2</b>						
Question 1	10	Fasihi kwa ujumla (hadithi)	3	5.5	0	2.33
Question 2	10	Fasihi kwa ujumla	3	5	0	3.33
Question 3	10	Fasihi kwa ujumla (dhana ya udhamini)	3	8	5.5	7.00
Question 4	10	Usanifu wa maandishi	3	8.5	3	5.17
Question 5	20	Uhakiki wa kazi za fasihi andishi (riwaya)	3	14.5	14	14.33
Question 6	20	Uhakiki wa kazi za fasihi andishi (tamthilia)	3	19	3	13.67
Question 7	20	Uhakiki wa kazi za fasihi andishi (ushairi)	3	3	3	3.00
Question 8	20	Uhakiki wa kazi za fasihi andishi (ushairi)	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	10	0	9	1	4.7000	37/38	13/13	7/7

GRADE : A=0; B=0; C=0; D=5; E=4; 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	10	9.5	6	8.15
Question 2	10	Introduction to language	10	10	0	1.60
Question 3	10	Writing skills	9	0	0	0.00
Question 4	10	Reading skills	10	9	6	7.50
Question 5	20	Introduction to language	10	18	12	14.90
Question 6	20	Writing skills	9	19	6	13.00
Question 7	20	Listening skills	9	18	8	15.11
Question 8	20	Translation and interpretation	1	8	8	8.00
<b>PAPER 2</b>						
Question 1	10	stylistics and communication	10	6	3	4.50
Question 2	10	theories of literature	9	5	0	1.22
Question 3	10	stylistics and communication	8	7	3	4.00
Question 4	10	theories of literature	10	4	0	0.95
Question 5	20	Literary works	10	11	5	8.40
Question 6	20	Literary works	7	12	0	7.43
Question 7	20	Literary works	3	13	2.5	9.33
Question 8	20	Literary works	10	17	4	11.15

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	13	0	13	0	4.0769	31/39	8/13	4/7

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Pre colonial African societies	13	17.5	10	13.96
Question 2	20	Africa and Europe by the 15th Century	9	12	1	5.78
Question 3	20	People of Africa origin in the new World	11	14.5	1	11.32
Question 4	20	Colonial economy and social services after the WWII	8	17	12	14.06
Question 5	20	Colonial economy and social services after the WWII	3	13	11	12.00
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	11	15	8	12.09
Question 7	20	Political and economic development in Tanzania since independence	9	15.5	10	13.22
<b>PAPER 2</b>						
Question 1	20	Rise of capitalism in Europe	13	15.5	11.5	14.15
Question 2	20	Rise of democracy in Europe	13	16	0	12.65
Question 3	20	Emergency of USA as a new super power	3	12.5	10.5	11.67
Question 4	20	Rise of socialism	8	15	7.5	12.38
Question 5	20	Threat of World peace	11	15	1	10.73
Question 6	20	Rise of dictatorship	3	14	0	8.67
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	13	12	0	5.27

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	12	0	8	4	5.2500	6/38	3/12	2/6

GRADE : A=1; B=0; C=1; D=2; E=1; S=3; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	12	10	6.5	8.42
Question 2	10	Functions	12	10	2	6.54
Question 3	10	Algebra	10	10	0	4.35
Question 4	10	Differentiation	11	10	0.5	5.82
Question 5	10	Integration	10	7	0	3.25
Question 6	10	Statistics	11	10	3	6.59
Question 7	10	Probability	11	8.5	0	3.27
Question 8	10	Trigonometry	6	8	0	4.08
Question 9	10	Exponential and logarithmic function	9	8	0	2.94
Question 10	10	Matrix	11	8.5	0	3.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	4	0	4	0	3.7500	10/33	3/7	3/4

GRADE : A=0; B=0; C=1; D=3; 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	The subject matter of economics	4	9	0	5.00
Question 2	10	Population	4	7	3	4.75
Question 3	20	Production	3	16.6	9.3	13.37
Question 4	20	Demand and supply	2	12	5	8.50
Question 5	20	Theories of firm	3	17.5	7.5	12.00
Question 6	20	Environmental economics	4	11.5	7	9.88
Question 7	20	Theories of money	1	2	2	2.00
Question 8	20	Employment and unemployment	3	12	5	8.67
<b>PAPER 2</b>						
Question 1	10	Economic growth and development	4	10	10	10.00
Question 2	10	Economic integration	4	10	9	9.75
Question 3	20	National income	2	10	7	8.50
Question 4	20	Financial institutions	3	13.5	9	12.00
Question 5	20	International trade	3	12	11.5	11.83
Question 6	20	Economic structure of Tanzania	4	17	1	12.25
Question 7	20	Economic planning	1	8.5	8.5	8.50
Question 8	20	Financial institutions	3	17	1	11.00