



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

**Imboru Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	3	0	1	2	6.3333	12/32	3/4	2/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	3	5	0	1.67
Question 2	10	Hyperbolic function	2	5	0.5	2.75
Question 3	10	Linear programming	3	10	8	9.33
Question 4	10	Statistics	3	6.5	1.5	4.67
Question 5	10	Sets	3	7	5	5.83
Question 6	10	Function	2	6	6	6.00
Question 7	10	Numerical method	2	4	4	4.00
Question 8	10	Coordinate geometry I	3	5	1	3.67
Question 9	10	Integration	3	0	0	0.00
Question 10	10	Differentiation	3	7.5	0	5.00
<b>PAPER 2</b>						
Question 1	15	Probability	3	2	0	0.67
Question 2	15	Logic	3	8	0	4.33
Question 3	15	Vector	3	9	2	4.33
Question 4	15	Complex number	3	10	0	5.67
Question 5	20	Trigonometric ratio	3	2	0	1.00
Question 6	20	Algebra	3	15	8	11.67
Question 7	20	Differentiation equation	3	0	0	0.00
Question 8	20	Coordinate geometry II	3	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	8	0	6	2	5.7500	15/30	3/3	3/3

GRADE : A=0; B=0; C=0; D=1; E=2; 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	Measurement	8	8	4	6.75
Question 2	10	Gravitation	8	9	0	2.06
Question 3	10	Circular motion, gravitation	8	10	0	4.50
Question 4	10	Projectile motion, Newton's law of motion	8	9	0	4.19
Question 5	10	Heat	8	7	0	3.25
Question 6	10	Heat	8	9	0	2.25
Question 7	10	Environmental physics	7	10	5	6.43
Question 8	15	Current electricity	4	7	0	3.00
Question 9	15	Electronics	4	11	1	4.75
Question 10	15	Electronics	5	9	0	4.60
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	8	10.5	3	6.50
Question 2	20	Waves	5	10.5	5	7.80
Question 3	20	Properties of materials (matter)	6	16	2	11.33
Question 4	20	Static electricity	7	4	0	1.71
Question 5	20	Electromagnetism	5	4	0	1.60
Question 6	20	Morden physics	8	8	0	2.69
<b>PAPER 3</b>						
Question 1	20	Mechanics	8	18	1	14.06
Question 2	15	Heat	8	9.5	6	8.25
Question 3	15	Current electricity	8	15	10	13.69

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	68	0	35	33	5.8235	23/32	4/4	4/4

GRADE : A=0; B=3; C=0; D=5; E=23; S=4; F=33;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	68	10	0	5.71
Question 2	10	Chemical bonding	68	8.5	0	3.51
Question 3	10	Gases	68	8	2	3.18
Question 4	10	Relative molecular masses in solution	65	8.5	0	4.96
Question 5	10	Inorganic (selected compounds of metals)	40	8	0	1.88
Question 6	10	Thermochemistry	68	9	0	3.63
Question 7	10	Chemical equilibrium	67	9	0	1.71
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	48	14	0	5.60
Question 9	15	Organic chemistry (aromatic hydrocarbons)	36	13	0	4.58
Question 10	15	Soil chemistry	51	14	1	7.00
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	64	16	0	4.48
Question 2	20	Chemical kinetics	52	13	0	2.37
Question 3	20	Buffer solution (Acid, base and salts)	57	15	0	4.95
Question 4	20	Periodic classification	56	16	0	4.50
Question 5	20	Transition elements	65	15	0	2.98
Question 6	20	Carbon compounds	34	18	0	8.66
<b>PAPER 3</b>						
Question 1	20	Redox titration	68	19.5	10	16.35
Question 2	15	Thermochemistry (energetic)	68	15	0	9.69
Question 3	15	Qualitative analysis	68	15	4	13.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	67	0	51	16	5.2537	19/31	4/4	4/4

GRADE : A=0; B=1; C=4; D=10; E=30; S=6; F=16;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	67	7	0	3.75
Question 2	10	Biochemistry	67	9	0	3.39
Question 3	10	Principles of classification	67	10	0	4.32
Question 4	10	Coordination	67	10	0	4.31
Question 5	10	Nutrition	67	7	0	0.64
Question 6	10	Reproduction	66	8	0	3.02
Question 7	10	Respiration and gaseous exchange	67	9	0	3.04
Question 8	15	Reproduction	18	4	0	1.17
Question 9	15	Transport of materials	65	15	0	4.24
Question 10	15	Respiration and gaseous exchange	40	15	0	6.23
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	67	14	2	10.12
Question 2	20	Evolution	60	10	0	5.23
Question 3	20	Genetics	40	20	0	11.29
Question 4	20	Growth and development	55	18	0	6.13
Question 5	20	Osmoregulation, homeostasis and excretion	61	19	0	9.70
Question 6	20	Ecology	52	20	6	15.71
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	67	19	10.5	15.38
Question 2	15	Cytology (biochemistry)	67	11	0	3.78
Question 3	15	Principles of classification	67	15	6.5	11.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	42	0	41	1	4.4524	24/39	4/4	4/4

GRADE : A=0; B=0; C=6; D=16; E=16; S=3; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	42	23	0.5	8.29
Question 2	15	Photograph	26	14.5	0	4.65
Question 3	15	Survey	15	6	2	4.23
Question 4	20	Dynamic earth and Consequences	38	19	4	12.39
Question 5	20	Soil	24	16	1	6.08
Question 6	20	Water Masses	39	13	2	9.03
Question 7	20	Space Dynamics	25	15	0	8.68
<b>PAPER 2</b>						
Question 1	20	Population	42	14	0	6.45
Question 2	20	Population	41	18	4	13.15
Question 3	20	Agriculture	2	5	3	4.00
Question 4	20	Tourism	42	20	0	14.24
Question 5	20	Industry	42	17	6	12.17
Question 6	20	Fishing	38	20	4	14.13
Question 7	20	Fuel and power	3	12	0	4.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	102	0	80	22	5.2941	39/39	4/4	4/4

GRADE : A=0; B=0; C=5; D=20; E=39; S=16; F=22;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	32	14	0.5	5.22
Question 2	20	Contemporary and cross cutting issues	98	15	3	9.10
Question 3	20	Democracy	102	16.5	0	10.51
Question 4	20	Contemporary and cross cutting issues	86	14	1	9.10
Question 5	20	Science and technology	43	15	0.5	7.07
Question 6	20	International affairs	81	14	0	5.78
Question 7	20	Globalization	67	17	0.5	10.80

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	29	0	29	0	5.1379	22/34	4/4	4/4

GRADE : A=0; B=0; C=0; D=5; E=15; S=9; 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	29	10	4.5	8.84
Question 2	10	Sarufi (aina za maneno)	29	7	0	2.83
Question 3	10	Sarufi (kufasili maneono / istilahi)	29	10	2	5.34
Question 4	10	Utumizi wa lugha	29	10	1.5	6.74
Question 5	20	Uandishi	26	20	12	17.23
Question 6	20	Maendeleo ya kiswahili	10	17.5	0	10.80
Question 7	20	Maendeleo ya kiswahili	22	18	9	13.59
Question 8	20	Tafsiri na ukalimani	29	2	0	1.72
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	29	7.5	0	3.74
Question 2	10	Fasihi simulizi	29	6	0	1.55
Question 3	10	Fasihi simulizi	24	0	0	0.00
Question 4	10	Usanifu wa maandishi	26	8	2	4.33
Question 5	20	Fasihi simulizi	29	7	1	2.69
Question 6	20	Riwaya	26	19	0	8.83
Question 7	20	Tamthiliya	28	19	2	10.63
Question 8	20	Tamthiliya	5	16	6	11.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	13	0	13	0	3.0000	12/36	4/4	4/4

GRADE : A=0; B=2; C=9; 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	Introduction to language	13	10	6	8.15
Question 2	10	Introduction to language	13	10	6	9.31
Question 3	10	Introduction to language	13	10	10	10.00
Question 4	10	Introduction to language	13	10	8	9.85
Question 5	20	Word formation	13	18	10	14.15
Question 6	20	Listening skills	13	17	9	12.69
Question 7	20	Speaking	13	20	11	15.23
Question 8	20	Translation and interpretation	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	13	10	3	6.23
Question 2	10	Introduction to literature	13	7	0	5.23
Question 3	10	Introduction to literature	10	5	0	1.00
Question 4	10	Stylistics and communication	11	10	0	4.73
Question 5	20	Novels	13	18	6	10.54
Question 6	20	Plays	13	15	10	12.46
Question 7	20	Poetry	10	18	6	10.50
Question 8	20	Poetry	3	13	7	10.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	32	0	32	0	4.0938	28/38	4/4	4/4

GRADE : A=0; B=0; C=8; D=15; 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	Political and economic development in Tanzania since independence	32	16	1	6.06
Question 2	20	Africa and Europe in the 15th C	30	17	2	13.57
Question 3	20	People of African origin in the new World	22	16	1	10.55
Question 4	20	From colonialism to the First World War	27	16	6	12.61
Question 5	20	Colonial economy and social services after Second World War	14	15	1.5	8.00
Question 6	20	Pre-colonial African societies	19	14	0	2.26
Question 7	20	Influence of external forces and the rise of nationalism in Africa	14	17	7	14.21
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	32	20	9	18.61
Question 2	20	Imperialism and territorial division of the World	30	15	4	12.70
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	26	13	3	8.87
Question 4	20	The emergence of USA as a super power nation	14	14	0	2.36
Question 5	20	The rise of capitalism in Europe	29	17	9	13.79
Question 6	20	The rise of socialism	10	18	0	5.65
Question 7	20	Threat to the World peace after WWII	17	16.5	0	11.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	69	0	2	67	6.9275	32/38	4/4	5/4

GRADE : A=0; B=0; C=0; D=1; E=1; S=0; F=67;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	69	10	0	4.80
Question 2	10	Functions	69	3.5	0	0.32
Question 3	10	Algebra	69	8	0	1.43
Question 4	10	Differentiation	69	7.5	0	0.66
Question 5	10	Integration	66	5.5	0	0.30
Question 6	10	Statistics	69	6.5	0	1.75
Question 7	10	Probability	69	4	0	0.26
Question 8	10	Trigonometry	69	0	0	0.00
Question 9	10	Exponential and logarithmic functions	69	5	0	0.45
Question 10	10	Matrices and linear programming	69	9.5	0	1.97

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AGRICULTURE	41	0	41	0	2.8780	1/1	1/1	1/1

GRADE : A=0; B=17; C=13; D=10; 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	Agricultural mechanization and machinery, introduction to irrigation	41	10	0.5	6.72
Question 2	10	Farm workshop and farm structure	41	9	3	6.37
Question 3	10	Farm workshop and farm planning	39	8	0	4.13
Question 4	10	Introduction to soil chemistry	40	10	0	4.31
Question 5	10	Introduction to soil chemistry	41	7	0	3.51
Question 6	10	Agriculture production economy	41	10	4	7.87
Question 7	10	Farm power	40	10	0	5.45
Question 8	10	Introduction to soil science	41	9	3	6.61
Question 9	10	Introduction to agricultural price	40	8	0	3.63
Question 10	10	Introduction to soil sci	40	10	0	6.34
<b>PAPER 2</b>						
Question 1	10	Livestock reproduction, breeding and improvement	41	10	0	2.90
Question 2	10	Plant pathology	41	10	2	7.50
Question 3	10	Plant pathology	41	10	4	7.10
Question 4	10	Environmental and technological challenges in agricultural development	40	8	2	4.60
Question 5	10	Introduction to livestock health	41	10	0	6.20
Question 6	10	Crop pests	41	10	0	7.77
Question 7	10	Introduction to weed science	41	9	2	7.78
Question 8	10	Plant breeding	40	10	0	7.00
Question 9	10	Introduction to animal nutrition	41	10	3	7.88
Question 10	10	Pasture agronomy	39	10	4	8.76
<b>PAPER 3</b>						
Question 1	20	Agricultural engineering land planning and soil science	41	18.5	11	16.24
Question 2	15	Livestock science and production	41	15	10.5	13.30
Question 3	15	Crop science and production	41	15	6	12.76

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	3	0	2	1	5.6667	23/33	4/4	3/3

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

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	3	10	5	7.00
Question 2	10	Trade cycle	3	6	0	2.67
Question 3	20	Theory of demand and supply	2	3	3	3.00
Question 4	20	Theory of firm	1	7.5	7.5	7.50
Question 5	20	Concept of market	3	11	1.5	5.50
Question 6	20	Money and price index	2	0.5	0.5	0.50
Question 7	20	Privatization	2	15.5	15.5	15.50
Question 8	20	Employment and unemployment	2	7	0	3.50
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	3	10	0	6.33
Question 2	10	Public finance	3	2	0	0.67
Question 3	20	National income	3	7	5.5	6.17
Question 4	20	Financial institution	0	0	0	0.00
Question 5	20	Public finance	3	8.5	1	4.17
Question 6	20	International trade	2	14.5	0.5	7.50
Question 7	20	Marketing and distribution	2	16.5	14	15.25
Question 8	20	Structure of Tanzania economy	2	15	14.5	14.75