



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

Makumira Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	4	0	2	2	5.7500	6/32	2/8	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	4	7.5	0	3.13
Question 2	10	Hyperbolic function	3	7	0	4.33
Question 3	10	Linear programming	4	10	4	7.75
Question 4	10	Statistics	4	5	0.5	1.88
Question 5	10	Sets	4	8	2.5	5.38
Question 6	10	Function	4	8	0	3.00
Question 7	10	Numerical method	4	5.5	2	3.00
Question 8	10	Coordinate geometry I	4	6.5	0	3.25
Question 9	10	Integration	4	2.5	0	1.25
Question 10	10	Differentiation	4	2.5	0	0.63
PAPER 2						
Question 1	15	Probability	4	12	0	5.00
Question 2	15	Logic	4	14	2	7.00
Question 3	15	Vector	4	12	0	6.00
Question 4	15	Complex number	4	14	0	7.50
Question 5	20	Trigonometric ratio	4	0	0	0.00
Question 6	20	Algebra	3	15	4	8.67
Question 7	20	Differentiation equation	4	11	0	4.00
Question 8	20	Coordinate geometry II	4	5	0	1.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	8	0	5	3	5.8750	19/30	4/9	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	8	8	3	5.38
Question 2	10	Gravitation	8	4	0	1.69
Question 3	10	Circular motion, gravitation	8	5	0	2.63
Question 4	10	Projectile motion, Newton's law of motion	8	8	0	1.50
Question 5	10	Heat	8	8	0	2.88
Question 6	10	Heat	8	5	0	1.69
Question 7	10	Environmental physics	8	9	2	6.25
Question 8	15	Current electricity	5	10	1	5.10
Question 9	15	Electronics	5	10	0	3.80
Question 10	15	Electronics	5	4	0	2.00
PAPER 2						
Question 1	20	Fluid dynamics	8	13.5	5	9.50
Question 2	20	Waves	8	11.5	4	7.19
Question 3	20	Properties of materials (matter)	8	20	2	7.50
Question 4	20	Static electricity	4	7	0	2.00
Question 5	20	Electromagnetism	5	10	0	4.00
Question 6	20	Morden physics	6	11	1	4.33
PAPER 3						
Question 1	20	Mechanics	8	18.5	9	15.75
Question 2	15	Heat	8	13	7	9.25
Question 3	15	Current electricity	8	15	13	14.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	20	0	11	9	6.0500	27/32	7/10	2/2

GRADE : A=0; B=0; C=0; D=1; E=6; S=4; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	20	10	3.5	6.58
Question 2	10	Chemical bonding	20	8.5	0	4.93
Question 3	10	Gases	20	7	0	3.48
Question 4	10	Relative molecular masses in solution	20	10	0.5	7.03
Question 5	10	Inorganic (selected compounds of metals)	20	6	0	0.70
Question 6	10	Thermochemistry	20	10	2	5.30
Question 7	10	Chemical equilibrium	20	8.5	0	2.10
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	20	11	0.5	5.38
Question 9	15	Organic chemistry (aromatic hydrocarbons)	9	2.5	0	0.94
Question 10	15	Soil chemistry	7	11	1	5.57
PAPER 2						
Question 1	20	Two components liquid system	20	13	1	5.58
Question 2	20	Chemical kinetics	19	9	0	1.61
Question 3	20	Buffer solution (Acid, base and salts)	19	16	0	6.74
Question 4	20	Periodic classification	19	8	0	2.42
Question 5	20	Transition elements	20	11	0	6.28
Question 6	20	Carbon compounds	1	0	0	0.00
PAPER 3						
Question 1	20	Redox titration	20	18.5	9	15.58
Question 2	15	Thermochemistry (energetic)	20	11.5	0	5.78
Question 3	15	Qualitative analysis	20	13	2.5	9.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	19	0	14	5	5.3684	20/31	5/10	1/2

GRADE : A=0; B=0; C=1; D=4; E=6; S=3; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	19	8	1	4.58
Question 2	10	Biochemistry	18	10	0	4.44
Question 3	10	Principles of classification	19	10	0	5.61
Question 4	10	Coordination	19	10	0	2.53
Question 5	10	Nutrition	19	7	0	0.63
Question 6	10	Reproduction	19	5	0	0.84
Question 7	10	Respiration and gaseous exchange	19	8	0	2.58
Question 8	15	Reproduction	7	6	0	1.86
Question 9	15	Transport of materials	15	6.5	0	2.13
Question 10	15	Respiration and gaseous exchange	10	7	0	2.10
PAPER 2						
Question 1	20	Comparative groups of organisms	19	19	8	10.74
Question 2	20	Evolution	18	8	0	5.33
Question 3	20	Genetics	19	20	0	9.92
Question 4	20	Growth and development	10	9	0	5.70
Question 5	20	Osmoregulation, homeostasis and excretion	14	12	0	5.71
Question 6	20	Ecology	15	20	8	16.40
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	19	19	8	16.05
Question 2	15	Cytology (biochemistry)	19	12	4	6.89
Question 3	15	Principles of classification	19	13	7	10.47

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	25	0	23	2	4.7600	31/39	10/12	2/2

GRADE : A=0; B=0; C=1; D=11; E=8; S=3; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	25	24	0	8.46
Question 2	15	Photograph	7	14.5	1	4.21
Question 3	15	Survey	17	8	1	4.71
Question 4	20	Dynamic earth and Consequences	8	13	0	6.13
Question 5	20	Soil	18	15	1	7.50
Question 6	20	Water Masses	24	17	4	9.67
Question 7	20	Space Dynamics	20	10	0	6.15
PAPER 2						
Question 1	20	Population	25	14.5	0	6.22
Question 2	20	Population	25	18	7	12.72
Question 3	20	Agriculture	3	16	5	9.67
Question 4	20	Tourism	25	20	1	13.76
Question 5	20	Industry	24	18	8	14.33
Question 6	20	Fishing	20	17	1	13.00
Question 7	20	Fuel and power	3	14	13	13.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	41	0	38	3	4.4390	27/39	7/12	2/2

GRADE : A=0; B=0; C=8; D=15; E=13; S=2; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	13	14	5	10.46
Question 2	20	Contemporary and cross cutting issues	35	15	4.5	9.86
Question 3	20	Democracy	40	15	1	10.98
Question 4	20	Contemporary and cross cutting issues	32	14	7.5	11.06
Question 5	20	Science and technology	26	19	0.5	9.17
Question 6	20	International affairs	35	13	3	8.23
Question 7	20	Globalization	23	16	2	11.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	2	0	1	1	6.0000	8/8	4/4	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Nature and context of accounting	2	6	5	5.50
Question 2	10	Provision and receives	2	7	4	5.50
Question 3	10	Depreciation	2	2	2	2.00
Question 4	10	Correction of error	2	5	4	4.50
Question 5	20	Branch account	2	4	3	3.50
Question 6	20	Investment account	0	0	0	0.00
Question 7	20	Financial statements and interpretation	2	9	2	5.50
Question 8	20	Financial statements	2	13	10	11.50
PAPER 2						
Question 1	10	Computerizing account	2	9	6	7.50
Question 2	10	Royalties account	1	5	5	5.00
Question 3	10	Stock valuation	2	5	2	3.50
Question 4	10	Company	2	5	0	2.50
Question 5	20	Cost account	1	2	2	2.00
Question 6	20	Hire purchase	1	8	8	8.00
Question 7	20	Containers account	2	20	1	10.50
Question 8	20	Payroll account	2	1	0	0.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	9	0	7	2	5.3333	28/34	9/12	2/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu na ufupisho	9	9	1	7.00
Question 2	10	Sarufi (aina za maneno)	9	8	0	4.89
Question 3	10	Sarufi (kufasili maneono / istilahi)	8	9	4	6.75
Question 4	10	Utumizi wa lugha	9	10	0	7.00
Question 5	20	Uandishi	9	20	12	15.78
Question 6	20	Maendeleo ya kiswahili	5	17	8.5	13.60
Question 7	20	Maendeleo ya kiswahili	4	17	10	13.00
Question 8	20	Tafsiri na ukalimani	8	4	0	1.50
PAPER 2						
Question 1	10	Majigambo na ushairi	9	7.5	2	4.33
Question 2	10	Fasihi simulizi	9	2	0	0.33
Question 3	10	Fasihi simulizi	6	8	0	2.00
Question 4	10	Usanifu wa maandishi	9	6	2	3.67
Question 5	20	Fasihi simulizi	8	5	1	2.19
Question 6	20	Riwaya	5	2.5	1.5	2.30
Question 7	20	Tamthiliya	8	17	2	11.69
Question 8	20	Tamthiliya	5	18	12	15.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	8	0	8	0	2.6250	8/36	4/12	2/2

GRADE : A=0; B=5; C=1; D=2; E=0; 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	8	9	0	4.88
Question 2	10	Introduction to language	8	10	8	8.88
Question 3	10	Introduction to language	8	10	0	7.25
Question 4	10	Introduction to language	8	10	10	10.00
Question 5	20	Word formation	8	20	14	18.75
Question 6	20	Listening skills	8	15	8	12.63
Question 7	20	Speaking	4	18	9	12.00
Question 8	20	Translation and interpretation	4	16	1	10.00
PAPER 2						
Question 1	10	Introduction to literature	8	6	0	2.75
Question 2	10	Introduction to literature	8	7	5	5.63
Question 3	10	Introduction to literature	8	7	0	1.63
Question 4	10	Stylistics and communication	7	10	10	10.00
Question 5	20	Novels	8	16	8	11.88
Question 6	20	Plays	7	17	12	14.14
Question 7	20	Poetry	5	20	20	20.00
Question 8	20	Poetry	3	16	12	14.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	16	0	14	2	3.7500	19/38	4/12	1/2

GRADE : A=0; B=3; C=5; D=5; E=1; S=0; F=2;

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	15	15	1	8.67
Question 2	20	Africa and Europe in the 15th C	16	17.5	9.5	14.38
Question 3	20	People of African origin in the new World	5	15	13	14.00
Question 4	20	From colonialism to the First World War	15	15.5	10	14.00
Question 5	20	Colonial economy and social services after Second World War	2	11.5	0.5	6.00
Question 6	20	Pre-colonial African societies	12	17	1	8.83
Question 7	20	Influence of external forces and the rise of nationalism in Africa	13	17	1	12.96
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	15	18	9	14.87
Question 2	20	Imperialism and territorial division of the World	13	19	8.5	13.23
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	15	17	1.5	11.73
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	14	17	0	13.11
Question 6	20	The rise of socialism	3	14	1	9.33
Question 7	20	Threat to the World peace after WWII	14	19	3	12.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	2	0	2	0	4.5000	4/8	2/4	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Banking	2	15	8	11.50
Question 2	20	Insurance	2	13	0	6.50
Question 3	20	Advertising	2	14	0	7.00
Question 4	20	Trade	2	9	4	6.50
Question 5	20	Production	2	10	6.5	8.25
Question 6	20	Production	2	12	11	11.50
Question 7	20	Stock exchange	2	0	0	0.00
PAPER 2						
Question 1	20	Taxation	2	12	12	12.00
Question 2	20	Export trade	2	14	7	10.50
Question 3	20	Contract of sales	0	0	0	0.00
Question 4	20	Organization and management	2	12	0	6.00
Question 5	20	Business unit	2	5	4	4.50
Question 6	20	Business office	2	12	0	6.00
Question 7	20	Role of government in trade	2	6	4.5	5.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	26	0	1	25	6.8846	29/38	11/12	2/2

GRADE : A=0; B=0; C=0; D=1; E=0; S=0; F=25;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	26	10	0	5.75
Question 2	10	Functions	26	9	0	1.56
Question 3	10	Algebra	26	6	0	1.04
Question 4	10	Differentiation	26	8.5	0	1.77
Question 5	10	Integration	26	7	0	0.50
Question 6	10	Statistics	26	10	0	2.54
Question 7	10	Probability	26	4	0	0.71
Question 8	10	Trigonometry	26	0	0	0.00
Question 9	10	Exponential and logarithmic functions	26	5	0	0.31
Question 10	10	Matrices and linear programming	24	8.5	0	2.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	10	0	7	3	5.6000	20/33	4/8	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Subject matter of economics	8	6	0	1.75
Question 2	10	Trade cycle	10	10	0	6.30
Question 3	20	Theory of demand and supply	2	16	1	8.50
Question 4	20	Theory of firm	10	9.5	0	4.10
Question 5	20	Concept of market	8	14	0	6.88
Question 6	20	Money and price index	4	0.5	0.5	0.50
Question 7	20	Privatization	9	15.5	8	12.06
Question 8	20	Employment and unemployment	6	15	0	4.17
PAPER 2						
Question 1	10	Regional economic integration	10	10	0	6.00
Question 2	10	Public finance	10	5	0	1.30
Question 3	20	National income	5	17.5	4	8.70
Question 4	20	Financial institution	7	6	0	3.07
Question 5	20	Public finance	7	18	0	10.86
Question 6	20	International trade	7	16	12.5	13.64
Question 7	20	Marketing and distribution	8	14.5	0	8.50
Question 8	20	Structure of Tanzania economy	5	16	13	15.10