



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

Aldersgate Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	12	0	7	5	6.0833	10/32	2/4	2/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	12	10	0	4.79
Question 2	10	Hyperbolic function	12	10	0	4.50
Question 3	10	Linear programming	12	9	4	6.88
Question 4	10	Statistics	12	6.5	2	4.33
Question 5	10	Sets	12	8	2.5	5.75
Question 6	10	Function	11	10	0	5.32
Question 7	10	Numerical method	12	6.5	0.5	2.33
Question 8	10	Coordinate geometry I	12	10	0	2.42
Question 9	10	Integration	12	7.5	0	1.08
Question 10	10	Differentiation	12	2.5	0	0.63
PAPER 2						
Question 1	15	Probability	12	6	0	1.00
Question 2	15	Logic	12	12	1	6.17
Question 3	15	Vector	12	10	1	5.58
Question 4	15	Complex number	12	11	0	4.67
Question 5	20	Trigonometric ratio	12	18	0	3.42
Question 6	20	Algebra	7	13	4	7.57
Question 7	20	Differentiation equation	12	14	0	1.17
Question 8	20	Coordinate geometry II	12	12	0	4.58

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	14	0	14	0	4.5000	4/30	2/3	1/1

GRADE : A=0; B=0; C=1; D=5; E=8; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	14	9	2	5.50
Question 2	10	Gravitation	13	2.5	0	0.96
Question 3	10	Circular motion, gravitation	14	8	0	2.50
Question 4	10	Projectile motion, Newton's law of motion	14	8	1	6.00
Question 5	10	Heat	14	8	0	3.46
Question 6	10	Heat	12	10	0	1.67
Question 7	10	Environmental physics	14	10	3	8.07
Question 8	15	Current electricity	14	12	5	9.32
Question 9	15	Electronics	12	15	1	7.42
Question 10	15	Electronics	2	5	0	2.50
PAPER 2						
Question 1	20	Fluid dynamics	14	11.5	2	7.75
Question 2	20	Waves	11	13.5	3	8.18
Question 3	20	Properties of materials (matter)	14	20	3	10.86
Question 4	20	Static electricity	9	7	0	2.22
Question 5	20	Electromagnetism	9	6	0	2.56
Question 6	20	Morden physics	11	16	1	5.91
PAPER 3						
Question 1	20	Mechanics	14	20	13	18.11
Question 2	15	Heat	14	15	10	13.07
Question 3	15	Current electricity	14	15	12	13.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	39	0	36	3	4.7949	7/32	2/4	1/1

GRADE : A=0; B=0; C=6; D=8; E=16; S=6; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	39	10	0	6.64
Question 2	10	Chemical bonding	39	10	3.5	8.42
Question 3	10	Gases	39	10	2	5.17
Question 4	10	Relative molecular masses in solution	39	10	0	5.53
Question 5	10	Inorganic (selected compounds of metals)	34	10	0	4.62
Question 6	10	Thermochemistry	39	10	0	4.90
Question 7	10	Chemical equilibrium	39	7.5	0	2.24
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	35	9.5	0.5	4.86
Question 9	15	Organic chemistry (aromatic hydrocarbons)	10	10	0	4.20
Question 10	15	Soil chemistry	30	13	2	7.90
PAPER 2						
Question 1	20	Two components liquid system	36	13	1	5.26
Question 2	20	Chemical kinetics	36	17	0	5.61
Question 3	20	Buffer solution (Acid, base and salts)	38	17	4	9.55
Question 4	20	Periodic classification	32	15	0	3.81
Question 5	20	Transition elements	38	12.5	0	4.30
Question 6	20	Carbon compounds	10	12	0	5.05
PAPER 3						
Question 1	20	Redox titration	39	20	14	18.37
Question 2	15	Thermochemistry (energetic)	39	15	4	11.42
Question 3	15	Qualitative analysis	39	15	10	14.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	36	0	34	2	4.5833	8/31	2/4	1/1

GRADE : A=0; B=0; C=3; D=16; E=12; S=3; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	36	8	1	4.67
Question 2	10	Biochemistry	36	8	0	5.28
Question 3	10	Principles of classification	36	10	0	4.25
Question 4	10	Coordination	36	9	0	2.00
Question 5	10	Nutrition	36	5	0	0.25
Question 6	10	Reproduction	36	8	0	3.94
Question 7	10	Respiration and gaseous exchange	36	9	2	6.08
Question 8	15	Reproduction	13	6	0	1.85
Question 9	15	Transport of materials	30	5.5	0	1.50
Question 10	15	Respiration and gaseous exchange	33	14	0	2.45
PAPER 2						
Question 1	20	Comparative groups of organisms	36	16	6	10.44
Question 2	20	Evolution	36	12	0	6.53
Question 3	20	Genetics	14	18	0	10.29
Question 4	20	Growth and development	31	20	7	14.71
Question 5	20	Osmoregulation, homeostasis and excretion	28	16	0	7.68
Question 6	20	Ecology	35	20	13	18.54
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	36	19	12	16.49
Question 2	15	Cytology (biochemistry)	36	12	3	7.56
Question 3	15	Principles of classification	36	15	6.5	10.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	76	0	72	4	4.4342	22/39	3/4	1/1

GRADE : A=0; B=3; C=12; D=26; E=23; S=8; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	76	24	0	9.99
Question 2	15	Photograph	28	11	0	3.57
Question 3	15	Survey	47	9	1	4.45
Question 4	20	Dynamic earth and Consequences	30	18	0	2.80
Question 5	20	Soil	62	17	2	8.81
Question 6	20	Water Masses	74	18	0	6.78
Question 7	20	Space Dynamics	57	14	0	6.37
PAPER 2						
Question 1	20	Population	76	16.5	0	7.29
Question 2	20	Population	65	20	8	14.89
Question 3	20	Agriculture	51	19	0	12.29
Question 4	20	Tourism	72	20	1	16.81
Question 5	20	Industry	69	19	2	16.07
Question 6	20	Fishing	41	18	0	13.98
Question 7	20	Fuel and power	7	17	1	13.43

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GENERAL STUDIES	122	0	111	11	4.4016	26/39	2/4	1/1

GRADE : A=0; B=4; C=24; D=41; E=36; S=6; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	43	15	0.5	9.88
Question 2	20	Contemporary and cross cutting issues	96	15	2.5	9.49
Question 3	20	Democracy	117	17	1	11.34
Question 4	20	Contemporary and cross cutting issues	99	17	1	9.85
Question 5	20	Science and technology	75	19	0.5	8.83
Question 6	20	International affairs	106	16	0	9.84
Question 7	20	Globalization	66	18	0.5	11.74

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	62	0	59	3	3.8387	4/34	2/4	1/1

GRADE : A=0; B=8; C=18; D=21; E=9; S=3; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu na ufupisho	62	9.5	0	7.21
Question 2	10	Sarufi (aina za maneno)	61	9	0	4.49
Question 3	10	Sarufi (kufasili maneono / istilahi)	61	10	0	6.00
Question 4	10	Utumizi wa lugha	61	10	0	6.43
Question 5	20	Uandishi	50	20	12	17.46
Question 6	20	Maendeleo ya kiswahili	44	20	1.5	14.75
Question 7	20	Maendeleo ya kiswahili	26	20	9	16.54
Question 8	20	Tafsiri na ukalimani	59	20	0	6.07
PAPER 2						
Question 1	10	Majigambo na ushairi	59	10	1	6.97
Question 2	10	Fasihi simulizi	60	6	0	1.65
Question 3	10	Fasihi simulizi	58	10	0	6.78
Question 4	10	Usanifu wa maandishi	60	8.5	1.5	4.00
Question 5	20	Fasihi simulizi	60	19	0	6.29
Question 6	20	Riwaya	42	19.5	1.5	10.73
Question 7	20	Tamthiliya	52	19.5	4	15.70
Question 8	20	Tamthiliya	25	20	1	13.84

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	42	0	41	1	2.8333	10/36	2/4	1/1

GRADE : A=0; B=16; C=21; D=3; 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	Introduction to language	42	10	0	8.29
Question 2	10	Introduction to language	42	10	5	8.87
Question 3	10	Introduction to language	42	10	0	7.40
Question 4	10	Introduction to language	42	10	0	9.48
Question 5	20	Word formation	42	18	5	12.45
Question 6	20	Listening skills	42	16	0	13.98
Question 7	20	Speaking	24	20	6	17.04
Question 8	20	Translation and interpretation	17	20	1	9.59
PAPER 2						
Question 1	10	Introduction to literature	42	10	0	3.14
Question 2	10	Introduction to literature	40	7	0	4.63
Question 3	10	Introduction to literature	40	6	0	2.58
Question 4	10	Stylistics and communication	41	10	0	4.15
Question 5	20	Novels	42	20	7	15.26
Question 6	20	Plays	42	16	0	13.62
Question 7	20	Poetry	36	19	10	16.72
Question 8	20	Poetry	5	16	7	11.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	75	0	74	1	3.4667	13/38	3/4	1/1

GRADE : A=2; B=14; C=26; D=16; E=15; S=1; F=1;

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	75	17	0	8.00
Question 2	20	Africa and Europe in the 15th C	68	17	4.5	14.29
Question 3	20	People of African origin in the new World	41	15	0	6.55
Question 4	20	From colonialism to the First World War	71	17	2	12.75
Question 5	20	Colonial economy and social services after Second World War	21	19	0	4.74
Question 6	20	Pre-colonial African societies	71	19.5	0	14.53
Question 7	20	Influence of external forces and the rise of nationalism in Africa	25	17.5	1	10.78
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	75	20	8	18.23
Question 2	20	Imperialism and territorial division of the World	69	17	1	14.88
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	64	16.5	0.5	10.74
Question 4	20	The emergence of USA as a super power nation	44	17	0	6.68
Question 5	20	The rise of capitalism in Europe	64	19	0	14.38
Question 6	20	The rise of socialism	30	12	0	2.75
Question 7	20	Threat to the World peace after WWII	29	19.5	6.5	16.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	41	0	13	28	6.4878	18/38	2/4	1/1

GRADE : A=0; B=0; C=0; D=1; E=6; S=6; F=28;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	41	10	1.5	7.20
Question 2	10	Functions	41	8	0	2.32
Question 3	10	Algebra	41	10	0	3.24
Question 4	10	Differentiation	41	7.5	0	2.99
Question 5	10	Integration	41	6	0	1.80
Question 6	10	Statistics	41	6	0	1.57
Question 7	10	Probability	41	4	0	1.59
Question 8	10	Trigonometry	41	9.5	0	1.66
Question 9	10	Exponential and logarithmic functions	41	4	0	0.37
Question 10	10	Matrices and linear programming	41	8	0	4.06

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	14	0	11	3	5.6429	22/33	2/4	1/1

GRADE : A=0; B=0; C=0; D=2; E=4; S=5; 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	14	8	0	2.14
Question 2	10	Trade cycle	14	10	2	5.50
Question 3	20	Theory of demand and supply	7	8	0	5.14
Question 4	20	Theory of firm	14	10	0	5.96
Question 5	20	Concept of market	6	8.5	0	5.08
Question 6	20	Money and price index	9	0.5	0.5	0.50
Question 7	20	Privatization	14	15.5	0.5	11.50
Question 8	20	Employment and unemployment	6	13.5	0	3.42
PAPER 2						
Question 1	10	Regional economic integration	13	10	0	5.23
Question 2	10	Public finance	12	7	0	1.75
Question 3	20	National income	7	10	3.5	6.57
Question 4	20	Financial institution	10	8	0	3.60
Question 5	20	Public finance	9	19.5	4	12.72
Question 6	20	International trade	9	15.5	3	13.06
Question 7	20	Marketing and distribution	10	18	0	12.95
Question 8	20	Structure of Tanzania economy	7	15.5	10	12.36