



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

**St. Amedeus Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	22	0	6	16	6.5909	18/32	12/20	9/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	22	7.5	0	3.86
Question 2	10	Hyperbolic function	21	7.5	0	3.86
Question 3	10	Linear programming	21	10	1	5.57
Question 4	10	Statistics	19	7.5	0.5	3.32
Question 5	10	Sets	22	10	0	5.09
Question 6	10	Function	22	10	0	4.23
Question 7	10	Numerical method	21	7	0	3.69
Question 8	10	Coordinate geometry I	19	3.5	0	0.50
Question 9	10	Integration	19	5	0	0.39
Question 10	10	Differentiation	19	5	0	0.26
<b>PAPER 2</b>						
Question 1	15	Probability	22	5	0	1.86
Question 2	15	Logic	22	12	1	5.77
Question 3	15	Vector	22	10	0	4.45
Question 4	15	Complex number	22	10	0	2.41
Question 5	20	Trigonometric ratio	22	8	0	1.86
Question 6	20	Algebra	21	13	0	4.71
Question 7	20	Differentiation equation	22	11	0	0.50
Question 8	20	Coordinate geometry II	22	5	0	0.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	46	0	35	11	5.5652	11/30	6/18	4/14

GRADE : A=0; B=0; C=2; D=4; E=17; S=12; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	46	10	0	4.80
Question 2	10	Gravitation	44	7.5	0	1.82
Question 3	10	Circular motion, gravitation	46	8	0	2.37
Question 4	10	Projectile motion, Newton's law of motion	45	8	0	2.24
Question 5	10	Heat	44	6	0	1.84
Question 6	10	Heat	37	10	0	1.81
Question 7	10	Environmental physics	42	10	1	5.57
Question 8	15	Current electricity	39	10	0	4.51
Question 9	15	Electronics	9	11	0	3.78
Question 10	15	Electronics	29	7	0	2.34
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	46	15.5	0	9.11
Question 2	20	Waves	40	14.5	0	7.80
Question 3	20	Properties of materials (matter)	46	20	5	14.65
Question 4	20	Static electricity	32	8	0	2.03
Question 5	20	Electromagnetism	15	14	0	4.53
Question 6	20	Morden physics	39	11	0	4.35
<b>PAPER 3</b>						
Question 1	20	Mechanics	46	20	8.5	17.08
Question 2	15	Heat	45	14	4.5	9.98
Question 3	15	Current electricity	46	13	3	9.84

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	50	0	36	14	5.3400	14/32	8/18	6/14

GRADE : A=0; B=0; C=5; D=8; E=16; S=7; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	48	10	1.5	7.03
Question 2	10	Chemical bonding	50	10	0	4.75
Question 3	10	Gases	50	8	1	3.35
Question 4	10	Relative molecular masses in solution	49	8.5	0.5	4.89
Question 5	10	Inorganic (selected compounds of metals)	40	10	0	3.93
Question 6	10	Thermochemistry	47	9	0	3.23
Question 7	10	Chemical equilibrium	50	6.5	0	2.03
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	35	13.5	0	5.61
Question 9	15	Organic chemistry (aromatic hydrocarbons)	6	10.5	0	4.92
Question 10	15	Soil chemistry	44	13	1	6.41
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	50	16	0	4.83
Question 2	20	Chemical kinetics	50	14	0	5.14
Question 3	20	Buffer solution (Acid, base and salts)	48	20	0	9.08
Question 4	20	Periodic classification	49	15	0	5.26
Question 5	20	Transition elements	47	16	0	4.48
Question 6	20	Carbon compounds	5	16	0	8.40
<b>PAPER 3</b>						
Question 1	20	Redox titration	50	20	6.5	15.93
Question 2	15	Thermochemistry (energetic)	50	13	2.5	9.57
Question 3	15	Qualitative analysis	50	15	9	14.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	41	0	37	4	4.8049	11/31	6/17	4/13

GRADE : A=0; B=1; C=4; D=12; E=13; S=7; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	41	8	1	4.20
Question 2	10	Biochemistry	41	10	0	3.57
Question 3	10	Principles of classification	41	10	0	5.30
Question 4	10	Coordination	41	10	0	1.20
Question 5	10	Nutrition	41	7	0	0.80
Question 6	10	Reproduction	41	10	0	4.02
Question 7	10	Respiration and gaseous exchange	41	9	0	4.68
Question 8	15	Reproduction	23	8	0	2.91
Question 9	15	Transport of materials	24	7	0	0.88
Question 10	15	Respiration and gaseous exchange	30	15	0	10.63
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	40	18	4	10.00
Question 2	20	Evolution	38	13	1	7.13
Question 3	20	Genetics	22	20	0	10.77
Question 4	20	Growth and development	33	19	0	9.33
Question 5	20	Osmoregulation, homeostasis and excretion	36	20	0	11.08
Question 6	20	Ecology	35	20	6	14.23
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	41	20	11.5	15.17
Question 2	15	Cytology (biochemistry)	41	9	3	6.17
Question 3	15	Principles of classification	41	14.5	7	11.01

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	35	0	33	2	3.9429	15/39	10/23	7/16

GRADE : A=0; B=3; C=13; D=6; E=11; S=0; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	35	25	1.5	14.87
Question 2	15	Photograph	22	15	2	6.41
Question 3	15	Survey	13	8	1	3.85
Question 4	20	Dynamic earth and Consequences	5	10	0	5.20
Question 5	20	Soil	31	19	2	11.74
Question 6	20	Water Masses	35	18	0	8.94
Question 7	20	Space Dynamics	29	16	0	5.66
<b>PAPER 2</b>						
Question 1	20	Population	35	20	0	9.91
Question 2	20	Population	34	19	0	12.96
Question 3	20	Agriculture	7	15	2	9.43
Question 4	20	Tourism	32	20	0.5	12.98
Question 5	20	Industry	34	19	12	16.38
Question 6	20	Fishing	30	19	1	14.60
Question 7	20	Fuel and power	2	17	16	16.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	77	0	69	8	4.5844	31/39	20/23	13/16

GRADE : A=0; B=2; C=10; D=28; E=23; S=6; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	50	17	0.5	8.69
Question 2	20	Contemporary and cross cutting issues	68	17	2	9.86
Question 3	20	Democracy	75	16	0.5	11.87
Question 4	20	Contemporary and cross cutting issues	48	16	1	10.56
Question 5	20	Science and technology	44	18	0.5	9.44
Question 6	20	International affairs	46	13	0	5.85
Question 7	20	Globalization	52	19	0.5	10.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	3	0	3	0	4.3333	7/34	5/18	4/13

GRADE : A=0; B=0; C=0; D=2; 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 na ufupisho	3	8	7	7.67
Question 2	10	Sarufi (aina za maneno)	3	9.5	4	6.17
Question 3	10	Sarufi (kufasili maneono / istilahi)	3	9	6	7.33
Question 4	10	Utumizi wa lugha	3	8.5	5	7.17
Question 5	20	Uandishi	3	20	16	18.67
Question 6	20	Maendeleo ya kiswahili	2	14.5	12.5	13.50
Question 7	20	Maendeleo ya kiswahili	1	9	9	9.00
Question 8	20	Tafsiri na ukalimani	3	2	1	1.67
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	3	7	5	5.83
Question 2	10	Fasihi simulizi	3	3	0	1.67
Question 3	10	Fasihi simulizi	3	0	0	0.00
Question 4	10	Usanifu wa maandishi	3	8	5.5	6.83
Question 5	20	Fasihi simulizi	3	1	1	1.00
Question 6	20	Riwaya	2	17.5	2.5	10.00
Question 7	20	Tamthiliya	3	17	4	12.00
Question 8	20	Tamthiliya	1	14	14	14.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	11	0	10	1	3.0909	18/36	9/20	7/14

GRADE : A=1; B=2; C=6; D=1; E=0; 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	11	10	4	8.36
Question 2	10	Introduction to language	11	9	0	6.91
Question 3	10	Introduction to language	11	10	0	8.82
Question 4	10	Introduction to language	10	10	10	10.00
Question 5	20	Word formation	11	16	8	13.18
Question 6	20	Listening skills	11	15	0	12.73
Question 7	20	Speaking	11	20	5	14.00
Question 8	20	Translation and interpretation	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	11	10	4	6.73
Question 2	10	Introduction to literature	11	7	5	5.55
Question 3	10	Introduction to literature	10	10	0	2.10
Question 4	10	Stylistics and communication	10	10	0	2.20
Question 5	20	Novels	11	16	1	8.64
Question 6	20	Plays	11	18	0	13.91
Question 7	20	Poetry	10	19	8	16.00
Question 8	20	Poetry	1	8	8	8.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	14	0	14	0	3.3571	8/38	6/22	4/16

GRADE : A=0; B=2; C=6; D=5; 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	20	Political and economic development in Tanzania since independence	13	17	1	6.08
Question 2	20	Africa and Europe in the 15th C	14	17	9	14.64
Question 3	20	People of African origin in the new World	6	17	12.5	14.67
Question 4	20	From colonialism to the First World War	14	16.5	12	14.11
Question 5	20	Colonial economy and social services after Second World War	0	0	0	0.00
Question 6	20	Pre-colonial African societies	14	17	1	4.61
Question 7	20	Influence of external forces and the rise of nationalism in Africa	7	15.5	12	13.64
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	14	20	12	18.68
Question 2	20	Imperialism and territorial division of the World	8	17	8	15.00
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	9	13.5	7	10.61
Question 4	20	The emergence of USA as a super power nation	8	17	7	14.38
Question 5	20	The rise of capitalism in Europe	8	18	8	14.06
Question 6	20	The rise of socialism	7	19	6.5	13.71
Question 7	20	Threat to the World peace after WWII	14	18	11.5	14.68

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	43	0	11	32	6.5581	21/38	13/22	9/15

GRADE : A=0; B=0; C=1; D=1; E=3; S=6; F=32;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	43	10	2	8.28
Question 2	10	Functions	43	10	0	3.03
Question 3	10	Algebra	43	6	0	1.90
Question 4	10	Differentiation	43	9	0	1.51
Question 5	10	Integration	43	9	0	1.13
Question 6	10	Statistics	43	7	0	2.37
Question 7	10	Probability	43	4	0	0.70
Question 8	10	Trigonometry	43	8.5	0	2.49
Question 9	10	Exponential and logarithmic functions	42	8	0	1.10
Question 10	10	Matrices and linear programming	43	10	0	2.66

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	9	0	8	1	4.6667	8/33	6/21	3/15

GRADE : A=0; B=0; C=2; D=2; E=3; 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	8	10	0	5.63
Question 2	10	Trade cycle	9	6	1	4.33
Question 3	20	Theory of demand and supply	4	10	0	5.25
Question 4	20	Theory of firm	8	9	0	3.44
Question 5	20	Concept of market	5	15.5	0	7.80
Question 6	20	Money and price index	6	8	0.5	3.58
Question 7	20	Privatization	8	17	8.5	14.06
Question 8	20	Employment and unemployment	4	12	0	4.25
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	9	10	3	8.00
Question 2	10	Public finance	9	7	3	4.89
Question 3	20	National income	8	20	5	9.19
Question 4	20	Financial institution	4	20	6	13.50
Question 5	20	Public finance	6	13	4	8.50
Question 6	20	International trade	4	16	12	13.25
Question 7	20	Marketing and distribution	8	16.5	0.5	13.06
Question 8	20	Structure of Tanzania economy	6	16	11	14.17