



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM SIX PRE-NATIONAL EXAMINATIONS - 2024

St. Amedeus Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	41	0	15	26	6.0488	6/32	5/20	4/15

GRADE : A=0; B=0; C=5; D=2; E=5; S=3; F=26;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	41	10	0	3.02
Question 2	10	Hyperbolic functions	41	10	0	3.35
Question 3	10	Linear programming	41	6.5	0	1.91
Question 4	10	Statistics	41	8	0	2.44
Question 5	10	Sets	41	10	0	6.50
Question 6	10	Functions	41	8.5	0	4.56
Question 7	10	Numerical methods	41	10	0	3.44
Question 8	10	Coordinate geometry 1	41	4	0	0.61
Question 9	10	Integration	41	10	0	2.65
Question 10	10	Differentiation	40	10	0	3.90
PAPER 2						
Question 1	15	Probability	41	12	0	3.10
Question 2	15	Logic	41	13.5	0.5	6.77
Question 3	15	Vectors	41	13	2	6.87
Question 4	15	Complex numbers	40	11	0	3.23
Question 5	20	Trigonometric	29	15	0	3.31
Question 6	20	Algebr	37	19	0	6.61
Question 7	20	Differential equation	14	20	0	11.39
Question 8	20	Coordinate geometric 2	1	1	1	1.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	75	0	23	52	6.3867	11/31	7/18	5/14

GRADE : A=0; B=1; C=1; D=3; E=10; S=8; F=52;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	75	10	0	5.13
Question 2	10	Newton` s laws of motion	71	10	0	1.52
Question 3	10	Simple harmonic motion	74	10	0	2.04
Question 4	10	Projectile motion	75	9.5	0	3.36
Question 5	10	Heat and thermodynamic	75	7.5	0	2.71
Question 6	10	Thermodynamic	75	7.5	0	1.86
Question 7	10	Environmental physics	75	8.5	0	4.10
Question 8	15	Current electricit	50	7	0	1.19
Question 9	15	Electronics	43	11.5	0	3.84
Question 10	15	Electronic (logic gates)	43	9	0	2.19
PAPER 2						
Question 1	20	Fluid Dynamics	72	17	0	6.53
Question 2	20	Waves and Vibration	75	17	0	6.05
Question 3	20	Properties of matter	75	19	1	7.45
Question 4	20	Electrostatics	71	13.5	0	4.73
Question 5	20	Electromagnetism	10	13.5	0	4.95
Question 6	20	Modern physics	59	14	0	2.28
PAPER 3						
Question 1	20	Mechanics	75	17	0	9.91
Question 2	15		75	12.5	0	6.23
Question 3	15		75	15	0	9.29

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	81	0	58	23	5.5556	17/32	10/18	7/14

GRADE : A=0; B=3; C=4; D=6; E=23; S=22; F=23;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	81	10	0	5.35
Question 2	10	Chemical bond	80	10	0	3.98
Question 3	10	Gas	76	10	0	1.82
Question 4	10	Chemical equilibrium, relative molecular in solution	80	9	0	4.05
Question 5	10	selected compound of metals	74	10	0	3.83
Question 6	10	energetic	78	10	0	5.37
Question 7	10	Chemical equilibrium	81	10	1	7.04
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	10	13	0	6.40
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	70	15	0	5.54
Question 10	15	environmental chemistry , soil chemistry	73	13	2	7.67
PAPER 2						
Question 1	20	Two component liquid system	81	18	0	8.61
Question 2	20	Chemical kinetics	81	18	1	11.61
Question 3	20	Acid, base and salt, solubility and solubility product	80	19	0	7.87
Question 4	20	Metal extraction, extraction of metal, periodic classification	43	11	0	3.09
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	43	17.5	0	7.00
Question 6	20	Polymer, Transition elements	37	13	0	4.76
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ratio using two indicators	81	20	0	5.32
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	80	24	10	17.01

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	60	0	53	7	4.7833	15/31	8/17	6/13

GRADE : A=0; B=2; C=9; D=16; E=13; S=13; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	60	10	0	5.88
Question 2	10	Biochemistry	60	10	0	2.12
Question 3	10	Principle of classification	60	7	0	3.58
Question 4	10	coordination	52	6.5	0	2.70
Question 5	10	Nutrition	60	10	0	5.32
Question 6	10	Reproduction	41	6	0	1.30
Question 7	10	Gaseous exchange	57	7.5	0	1.69
Question 8	15	Reproduction	57	12	0	7.19
Question 9	15	Transportation	22	13	0	4.64
Question 10	15	Gaseous exchange	40	13.5	0	6.15
PAPER 2						
Question 1	20	Classification	59	20	0	13.61
Question 2	20	Regulation and excretion	46	19	0	11.20
Question 3	20	Growth and development	56	17	0	8.35
Question 4	20	Genetics	31	16	0	5.03
Question 5	20	Ecology	52	20	0.5	12.67
Question 6	20	Evolution	51	18	0	9.96
PAPER 3						
Question 1	20	Classification	60	18.5	12	15.88
Question 2	15	Cytology and biochemistry	60	13	2	7.30
Question 3	15	Classification	60	14	6	10.72

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	40	0	39	1	3.4000	15/39	13/23	9/16

GRADE : A=0; B=9; C=15; D=10; E=4; S=1; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Elementary survey and map making	39	20	2	10.33
Question 2	20	Application of statistics	32	19.5	6	14.92
Question 3	20	Map reading and map interpretation	9	12	2	7.06
Question 4	20	External forces that affect earth	30	16	4	8.67
Question 5	20	Soil science	38	19	0	11.47
Question 6	20	Water masses	35	18	0	4.14
Question 7	20	Space dynamic	15	12	0	8.80
PAPER 2						
Question 1	20	Human population	40	18	1	13.15
Question 2	20	Human population	29	17.5	1	12.78
Question 3	20	Transport and communication	16	17	7.5	14.06
Question 4	20	Agriculture	24	19	11	15.79
Question 5	20	Mining	37	19	9	13.41
Question 6	20	Transport and communication	37	18	12.5	15.80
Question 7	20	Fishing	15	18	10	15.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	110	0	110	0	3.5909	16/39	11/23	8/16

GRADE : A=0; B=10; C=37; D=52; E=10; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	110	17	0	12.95
Question 2	20	Philosophy and religion	81	19	3.5	10.52
Question 3	20	Life skills	104	17	8.5	13.72
Question 4	20	International affairs	72	16	2	11.81
Question 5	20	International affairs	7	11	5	8.57
Question 6	20	The practice of democracy	75	14.5	1	10.82
Question 7	20	Science and technology	98	14	4	10.06

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	9	0	8	1	4.2222	6/38	5/22	4/16

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	9	16	1	10.17
Question 2	20	Africa and Europe in the 15thc	7	17.5	13.5	15.57
Question 3	20	Colonial economy and social services after the second world war (1945)	3	14.5	0	8.00
Question 4	20	From colonialism to the first world war (1914)	1	4.5	4.5	4.50
Question 5	20	People of African origin in the new world	8	17	9	14.06
Question 6	20	Political and economic development since independence	8	14	2	7.00
Question 7	20	Africa nationalism and struggle for independence	9	17	6	14.17
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	9	14	0	7.00
Question 2	20	The rise of USA as capitalist leading power	9	13.5	8.5	11.61
Question 3	20	The rise of dictatorship in Europe	5	14	7	11.00
Question 4	20	The rise of socialism	8	15	2	8.88
Question 5	20	Threat of socialism	0	0	0	0.00
Question 6	20	The rise of capitalism in Europe	6	13.5	1	5.75
Question 7	20	The rise of democracy in Europe	8	17.5	2	13.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	69	0	36	33	5.7246	9/38	7/22	5/15

GRADE : A=0; B=5; C=2; D=5; E=16; S=8; F=33;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	69	10	0	5.75
Question 2	10	Function	69	10	0	3.12
Question 3	10	Algebra	69	10	0	5.26
Question 4	10	Differentiation	63	10	0	4.12
Question 5	10	integration	42	10	0	1.61
Question 6	10	Statistic	68	9	1	6.12
Question 7	10	probability	57	9.5	0	3.16
Question 8	10	trigonometr	59	10	0	3.47
Question 9	10	Exponential function	54	9	0	1.56
Question 10	10	matrix and linear programming	66	10	0	5.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	24	0	22	2	4.3333	6/32	4/20	4/14

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Environmental economics	23	10	0	5.43
Question 2	10	Subject matter of economics	24	8	0	1.33
Question 3	20	Demand and supply	10	10.5	0	4.95
Question 4	20	Theory of production	16	8	0	4.31
Question 5	20	Theory of firm	23	18	0	9.41
Question 6	20	Theory of market	10	17	4	9.90
Question 7	20	Privatization	22	19.5	4	11.52
Question 8	20	Theory of money	15	14	1	7.37
PAPER 2						
Question 1	10	Economic Planing	23	9.5	0	6.35
Question 2	10	Marketing and distribution	24	10	0.5	7.54
Question 3	20	National income	10	9	0	5.60
Question 4	20	Financial institution	15	14	6	8.87
Question 5	20	International Trade	23	18	2.5	12.59
Question 6	20	Economic Growths development	21	18	6	15.45
Question 7	20	Economic Structure of Tanzania Economy	18	19.5	7	13.61
Question 8	20	Economic Integration	9	19	6	14.06