



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

Agape Lutheran Junior Seminary
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	16	0	14	2	5.1875	2/32	2/20	1/3

GRADE : A=0; B=0; C=1; D=3; E=6; S=4; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	16	10	0	3.50
Question 2	10	Hyperbolic functions	16	10	0	4.66
Question 3	10	Linear programming	16	5	0	2.47
Question 4	10	Statistics	16	6	0	3.88
Question 5	10	Sets	16	9	1.5	6.13
Question 6	10	Functions	16	9.5	4	6.34
Question 7	10	Numerical methods	16	6	0	3.31
Question 8	10	Coordinate geometry 1	16	10	0	0.69
Question 9	10	Integration	16	9	0	4.38
Question 10	10	Differentiation	16	10	0	4.84
PAPER 2						
Question 1	15	Probability	16	9	0	3.31
Question 2	15	Logic	16	14.5	3	7.44
Question 3	15	Vectors	16	11	3	6.06
Question 4	15	Complex numbers	16	13	0	6.13
Question 5	20	Trigonometric	3	12	1	7.00
Question 6	20	Algebr	15	17	5	11.53
Question 7	20	Differential equation	13	18	3	12.65
Question 8	20	Coordinate geometric 2	1	2	2	2.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	47	0	29	18	5.7234	2/31	1/18	1/3

GRADE : A=0; B=1; C=2; D=3; E=15; S=8; F=18;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	47	10	1	6.13
Question 2	10	Newton` s laws of motion	42	10	0	1.76
Question 3	10	Simple harmonic motion	43	6	0	2.23
Question 4	10	Projectile motion	47	9	0	3.53
Question 5	10	Heat and thermodynamic	47	7.5	0	4.33
Question 6	10	Thermodynamic	47	10	0	3.02
Question 7	10	Environmental physics	47	10	0	4.99
Question 8	15	Current electricit	16	10	0	3.38
Question 9	15	Electronics	38	10.5	0	4.86
Question 10	15	Electronic (logic gates)	36	11	0	2.61
PAPER 2						
Question 1	20	Fluid Dynamics	46	18	2	8.54
Question 2	20	Waves and Vibration	42	13	0	5.26
Question 3	20	Properties of matter	47	18	0	7.72
Question 4	20	Electrostatics	43	19.5	0	9.07
Question 5	20	Electromagnetism	13	17.5	0	9.04
Question 6	20	Modern physics	43	18	1	5.53
PAPER 3						
Question 1	20	Mechanics	47	13	6	10.15
Question 2	15		47	13.5	0	7.01
Question 3	15		47	14.5	2.5	10.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	57	0	50	7	5.0175	8/32	5/18	1/3

GRADE : A=0; B=0; C=6; D=13; E=19; S=12; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	57	8	0	4.41
Question 2	10	Chemical bond	56	7	0	3.84
Question 3	10	Gas	53	4	0	0.91
Question 4	10	Chemical equilibrium, relative molecular in solution	57	10	0	4.40
Question 5	10	selected compound of metals	55	9	0	3.25
Question 6	10	energetic	57	8	0	5.61
Question 7	10	Chemical equilibrium	57	10	1	5.59
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	3	15	6	9.67
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	54	15	0	5.65
Question 10	15	environmental chemistry , soil chemistry	53	14	4	11.12
PAPER 2						
Question 1	20	Two component liquid system	56	18	1	9.38
Question 2	20	Chemical kinetics	57	20	2	14.15
Question 3	20	Acid, base and salt, solubility and solubility product	57	11	1	6.49
Question 4	20	Metal extraction, extraction of metal, periodic classification	49	12	0	4.94
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	19	16.5	0	7.26
Question 6	20	Polymer, Transition elements	39	15	0	3.38
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ratio using two indicators	57	26	0	14.00
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	57	22	11	16.07

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	46	0	46	0	3.1087	1/31	1/17	1/3

GRADE : A=1; B=12; C=18; D=12; E=2; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	46	10	5	8.33
Question 2	10	Biochemistry	46	10	0	1.25
Question 3	10	Principle of classification	46	9	0	5.80
Question 4	10	coordination	45	10	0	6.38
Question 5	10	Nutrition	46	10	0	3.32
Question 6	10	Reproduction	41	8.5	0	2.65
Question 7	10	Gaseous exchange	43	7	0	3.99
Question 8	15	Reproduction	40	14	3	9.16
Question 9	15	Transportation	31	14	2	10.66
Question 10	15	Gaseous exchange	19	12	0	5.05
PAPER 2						
Question 1	20	Classification	36	20	7	15.04
Question 2	20	Regulation and excretion	43	18	0	14.09
Question 3	20	Growth and development	41	20	7.5	15.55
Question 4	20	Genetics	40	20	2	13.50
Question 5	20	Ecology	43	20	9	17.20
Question 6	20	Evolution	26	19	0	13.88
PAPER 3						
Question 1	20	Classification	46	20	12.5	17.30
Question 2	15	Cytology and biochemistry	46	11	1	6.98
Question 3	15	Classification	46	15	6	10.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	27	0	27	0	3.2963	12/39	10/23	1/5

GRADE : A=0; B=5; C=11; D=9; E=2; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Elementary survey and map making	27	16	4	9.39
Question 2	20	Application of statistics	26	20	11	14.90
Question 3	20	Map reading and map interpretation	2	8	3	5.50
Question 4	20	External forces that affect earth	20	14	5	9.75
Question 5	20	Soil science	25	17	4	12.64
Question 6	20	Water masses	15	16	0	4.40
Question 7	20	Space dynamic	16	15	5	9.44
PAPER 2						
Question 1	20	Human population	26	18	4	14.04
Question 2	20	Human population	18	17	2	15.11
Question 3	20	Transport and communication	13	17	11	14.65
Question 4	20	Agriculture	14	20	15	17.57
Question 5	20	Mining	25	15	8	12.52
Question 6	20	Transport and communication	26	16	11	14.90
Question 7	20	Fishing	11	18	13	16.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	76	0	76	0	3.0658	4/39	4/23	2/5

GRADE : A=1; B=13; C=45; D=14; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	76	16.5	6.5	13.31
Question 2	20	Philosophy and religion	61	17	5	13.13
Question 3	20	Life skills	65	17	8	13.93
Question 4	20	International affairs	28	15.5	7.5	13.59
Question 5	20	International affairs	56	19	1	12.98
Question 6	20	The practice of democracy	33	16	8	12.15
Question 7	20	Science and technology	60	18.5	0	9.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	2	0	2	0	4.0000	7/34	2/18	2/5

GRADE : A=0; B=0; C=0; 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	Ufahamu	2	6	6	6.00
Question 2	10	Sarufi	2	6	5.5	5.75
Question 3	10	Sarufi	2	4	0	2.00
Question 4	10	Matumizi ya lugha	2	10	8	9.00
Question 5	20	Utungaji	2	15	7	11.00
Question 6	20	Maendeleo ya kiswahili	2	18	14	16.00
Question 7	20	Maendeleo ya kiswahili	0	0	0	0.00
Question 8	20	Tafsiri na ukaliman	2	6	4	5.00
PAPER 2						
Question 1	10	fasihi kwa ujumla	2	8	7.5	7.75
Question 2	10	fasihi kwa ujumla	2	8	4	6.00
Question 3	10	fasihi kwa ujumla	2	3	0	1.50
Question 4	10	Usanifu wa maandishi	2	2	1.5	1.75
Question 5	20	Uhsairi	2	16	15	15.50
Question 6	20	Riwaya	2	10	10	10.00
Question 7	20	Riwaya	1	0	0	0.00
Question 8	20	Tamthiliya	1	10	10	10.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	7	0	7	0	4.1429	20/36	10/20	4/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	7	6	4	4.71
Question 2	10	Word formation	7	10	4	5.86
Question 3	10	Language skills (speaking)	7	2	0	0.57
Question 4	10	Translation and interpretation	7	10	0	7.00
Question 5	20	Language skills (writing)	7	12	4	8.50
Question 6	20	Language skills (listening)	7	17	14	15.57
Question 7	20	Language skills (speech)	2	7	0	3.50
Question 8	20	Introduction to language (language variation)	5	16	11	13.80
PAPER 2						
Question 1	10	Introduction to literature	7	7	4	5.43
Question 2	10	Introduction to literature	7	8	2	5.00
Question 3	10	Introduction to literature	7	7.5	2	5.07
Question 4	10	poetry	7	7	2	4.93
Question 5	20	play / drama	7	18	3	14.00
Question 6	20	Introduction to literature (poetry)	7	12	0	6.21
Question 7	20	poetry	5	13	8	10.40
Question 8	20	poetry	2	18	17	17.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	14	0	14	0	4.0000	2/38	2/22	1/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	14	16	2	11.07
Question 2	20	Africa and Europe in the 15thc	14	15	13	14.46
Question 3	20	Colonial economy and social services after the second world war (1945)	6	14.5	9	12.67
Question 4	20	From colonialism to the first world war (1914)	6	16	4	10.67
Question 5	20	People of African origin in the new world	6	16.5	10.5	13.75
Question 6	20	Political and economic development since independence	11	13	5	10.18
Question 7	20	Africa nationalism and struggle for independence	13	14.5	11	13.62
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	14	14	0	5.07
Question 2	20	The rise of USA as capitalist leading power	14	14	4.5	10.36
Question 3	20	The rise of dictatorship in Europe	14	10	0	6.29
Question 4	20	The rise of socialism	9	17	1	8.89
Question 5	20	Threat of socialism	1	3.5	3.5	3.50
Question 6	20	The rise of capitalism in Europe	4	12	6	9.00
Question 7	20	The rise of democracy in Europe	14	16	10	13.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	53	0	47	6	4.1132	2/38	2/22	1/5

GRADE : A=0; B=12; C=10; D=9; E=10; S=6; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	53	10	0	6.08
Question 2	10	Function	53	10	0	5.58
Question 3	10	Algebra	53	10	0	6.55
Question 4	10	Differentiation	53	10	0	6.83
Question 5	10	integration	44	10	0	2.16
Question 6	10	Statistic	53	10	2	7.54
Question 7	10	probability	53	9	0	5.15
Question 8	10	trigonometr	48	10	0	6.85
Question 9	10	Exponential function	50	7	0	2.68
Question 10	10	matrix and linear programming	53	8	0	5.62

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	12	0	12	0	4.4167	9/32	7/20	2/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Environmental economics	11	9	2	4.36
Question 2	10	Subject matter of economics	11	7	0	2.00
Question 3	20	Demand and supply	2	5	4	4.50
Question 4	20	Theory of production	10	13	6	8.55
Question 5	20	Theory of firm	12	16	2	9.83
Question 6	20	Theory of market	2	14	13	13.50
Question 7	20	Privatization	9	17.5	1	7.83
Question 8	20	Theory of money	12	13	1	6.42
PAPER 2						
Question 1	10	Economic Planing	12	9	4	7.17
Question 2	10	Marketing and distribution	12	10	3	7.21
Question 3	20	National income	8	18	3	8.00
Question 4	20	Financial institution	6	13	10	10.67
Question 5	20	International Trade	10	17.5	5.5	12.05
Question 6	20	Economic Growths development	12	19	1	12.58
Question 7	20	Economic Structure of Tanzania Economy	12	15.5	11	14.13
Question 8	20	Economic Integration	0	0	0	0.00