



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)  
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE  
FORM SIX PRE-NATIONAL EXAMINATION 2022**

**Agape Lutheran Junior Seminary  
FORM SIX SUBJECTS PERFORMANCE REPORT - 2022**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	10	0	6	4	5.7000	8/31	5/18	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating devices	10	7.5	2.5	5.50
Question 2	10	Hyperbolic functions	9	7	0	3.61
Question 3	10	Linear programming	10	8	5	6.70
Question 4	10	Statistics	10	7	0	4.45
Question 5	10	Sets	10	9	5.5	7.05
Question 6	10	Functions	9	7.5	0	4.28
Question 7	10	Numerical methods	9	6	2	4.39
Question 8	10	Coordinate geometry 1	7	3.5	0.5	2.00
Question 9	10	Integration	3	5	2.5	4.17
Question 10	10	Differentiation	5	6	0	2.20
<b>PAPER 2</b>						
Question 1	15	Probability	7	5	0	2.00
Question 2	15	Logic	9	14	1	9.22
Question 3	15	Vectors	9	14	2	8.33
Question 4	15	Complex numbers	10	13	4	8.80
Question 5	20	Trigonometry	10	18	2	9.85
Question 6	20	Algebra	2	15	15	15.00
Question 7	20	Differential equations	5	10.5	3.5	6.30
Question 8	20	Coordinate geometry II	1	1.5	1.5	1.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	31	0	30	1	3.9032	1/30	1/18	1/3

GRADE : A=0; B=4; C=6; D=12; E=8; 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	Measurement	31	10	1	7.19
Question 2	10	Newton's Laws and SHM	31	10	0	2.60
Question 3	10	Moment of gravitational force	31	10	2	6.55
Question 4	10	Gravitational force moment on inertia	31	10	0	4.37
Question 5	10	Heat	31	10	0	6.16
Question 6	10	Heat	31	10	0	4.97
Question 7	10	Environmental physics	31	10	3	8.35
Question 8	15	Current electricity	9	11.5	4	6.22
Question 9	15	Electronics	27	9	1	5.20
Question 10	15	Electronics	26	14	0	8.04
<b>PAPER 2</b>						
Question 1	20	Fluid mechanics	31	19	7	14.65
Question 2	20	Waves	27	17	1	9.89
Question 3	20	Properties of matter	29	20	3	11.34
Question 4	20	Electrostatics	29	17	3	9.84
Question 5	20	Electromagnetism	10	16	1	8.30
Question 6	20	Modern physics	29	20	9	12.69
<b>PAPER 3</b>						
Question 1	20	Mechanics	31	20	2.5	13.90
Question 2	15	Heat	31	15	2	8.97
Question 3	15	Current electricity	31	15	0	4.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	34	0	7	27	6.6765	4/32	4/18	5/3

GRADE : A=0; B=0; C=0; D=0; E=4; S=3; F=27;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Relative molecular mass in a solution	34	7	2	4.18
Question 2	10	Energetics	34	9	1	4.66
Question 3	10	Selected compound of metals	32	6	0	2.27
Question 4	10	Aliphatic hydrocarbon	31	6	0	2.13
Question 5	10	Chemical bonding	25	3	0	0.64
Question 6	10	Aromatic hydrocarbon, halo al vane	22	5.5	0	1.59
Question 7	10	Environmental chemistry	25	5.5	0	1.82
Question 8	15	Gases	7	8.5	0	3.64
Question 9	15	Equilibrium	33	11.5	1.5	6.59
Question 10	15	Atomic structure	26	9.5	0	5.17
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	34	16	1	7.26
Question 2	20	Electrochemistry, chemical kinetics	31	14	0	3.55
Question 3	20	Acid, base and salt, solubility and solubility product	28	14	0	5.43
Question 4	20	Repidoc classification, extraction of metal	29	12.5	0	4.45
Question 5	20	Transition metal	31	13.5	3	5.82
Question 6	20	Carbon compounds, carboxylic acid, amine	15	11.5	1	4.83
<b>PAPER 3</b>						
Question 1	20	Acid - base tit ration	34	12	0	8.46
Question 2	15	Solubility	34	7	0	3.25
Question 3	15	Qualitative analysis	34	15	8.5	11.72

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	26	0	25	1	3.6538	4/31	3/17	1/3

GRADE : A=0; B=4; C=5; D=15; E=1; 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	Cytology	26	9	2	5.69
Question 2	10	Biochemistry	22	7	0	2.25
Question 3	10	Principle of classification	26	10	2	6.81
Question 4	10	Nutrition	26	10	0	4.58
Question 5	10	Gaseous exchange and respiration	24	9	0	4.40
Question 6	10	Coordination	26	9.5	3	5.58
Question 7	10	Reproduction	26	10	0	4.23
Question 8	15	Reproduction	7	10.5	2.5	7.21
Question 9	15	Gaseous exchange and respiration	23	13	1	8.30
Question 10	15	Transport of materials	22	13	0	6.50
<b>PAPER 2</b>						
Question 1	20	Comparative studies of natural groups	7	15	3	8.43
Question 2	20	Growth and development	26	20	0	11.77
Question 3	20	Excretion, osmoregulation and homeostasis	20	19	0	6.15
Question 4	20	Genetics	25	20	1	13.44
Question 5	20	Evolution	26	20	1	12.12
Question 6	20	Ecology	23	13	4	7.83
<b>PAPER 3</b>						
Question 1	20	Comparative studies of natural groups	26	20	13	17.92
Question 2	15	Comparative studies of natural groups	26	14.5	12	14.15
Question 3	15	Cytology	26	15	7.5	12.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	19	0	19	0	3.2105	12/40	8/23	2/5

GRADE : A=0; B=1; C=13; D=5; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Map reading and interpretation	19	22	6	12.16
Question 2	15	Elementary survey	7	12	7	8.57
Question 3	15	Photograph reading and interpretation	12	12	5	8.00
Question 4	20	Water masses	19	15	8	11.68
Question 5	20	Space dynamics	2	8	7	7.50
Question 6	20	Space dynamics	16	15	6	11.06
Question 7	20	Soil	19	16	8	13.34
<b>PAPER 2</b>						
Question 1	20	Population and development	19	17	8	13.00
Question 2	20	Population and development	13	16	11	13.92
Question 3	20	Mining industry	12	16	1	13.25
Question 4	20	Agriculture	6	17	12	15.67
Question 5	20	Tourism industry	9	15	6	10.56
Question 6	20	Manufacturing industry	17	18	10.5	13.74
Question 7	20	Forest resources	19	16	13	15.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	48	0	48	0	2.7500	23/40	13/23	2/5

GRADE : A=0; B=22; C=17; D=8; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	48	16	9.5	14.00
Question 2	20	Cross-cutting issues in Tanzania	47	17	9	14.41
Question 3	20	Science and technology in development	44	16.5	9	13.44
Question 4	20	Democratic process and practice	40	17.5	5.5	14.14
Question 5	20	International co-operation	24	18	1	13.04
Question 6	20	International co-operation	20	15	5	10.80
Question 7	20	Life skills	17	15	4	9.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	4	0	4	0	3.2500	7/38	3/21	2/5

GRADE : A=0; B=0; C=3; D=1; E=0; 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	Introduction to language	4	9	6.5	8.00
Question 2	10	Introduction to language	4	10	0	7.50
Question 3	10	Writing skills	4	0	0	0.00
Question 4	10	Reading skills	3	8	6	7.00
Question 5	20	Introduction to language	4	16	11	13.75
Question 6	20	Writing skills	4	17	14	14.75
Question 7	20	Listening skills	3	18	18	18.00
Question 8	20	Translation and interpretation	1	18	18	18.00
<b>PAPER 2</b>						
Question 1	10	stylistics and communication	4	6.5	4	5.38
Question 2	10	theories of literature	4	7	0	2.75
Question 3	10	stylistics and communication	4	9	4	5.75
Question 4	10	theories of literature	4	2	0	0.50
Question 5	20	Literary works	4	18	15	17.25
Question 6	20	Literary works	0	0	0	0.00
Question 7	20	Literary works	4	16	11.5	13.50
Question 8	20	Literary works	4	18	11.5	13.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	12	0	12	0	3.5000	14/39	9/22	3/5

GRADE : A=0; B=1; C=5; 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	Pre colonial African societies	12	16.5	9	14.58
Question 2	20	Africa and Europe by the 15th Century	11	14	2	9.09
Question 3	20	People of Africa origin in the new World	12	14	7.5	12.17
Question 4	20	Colonial economy and social services after the WWII	2	14	11	12.50
Question 5	20	Colonial economy and social services after the WWII	4	16	6	11.25
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	12	14	9.5	11.92
Question 7	20	Political and economic development in Tanzania since independence	7	15.5	8.5	13.50
<b>PAPER 2</b>						
Question 1	20	Rise of capitalism in Europe	12	15	6	12.08
Question 2	20	Rise of democracy in Europe	8	18	12	15.38
Question 3	20	Emergency of USA as a new super power	6	11	3	6.08
Question 4	20	Rise of socialism	8	16.5	13.5	14.25
Question 5	20	Threat of World peace	5	14	13	13.80
Question 6	20	Rise of dictatorship	10	15	10	12.90
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	11	14	0	11.36

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	34	0	20	14	5.0588	4/38	3/22	1/5

GRADE : A=1; B=1; C=6; D=7; E=5; S=0; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	34	10	0	6.76
Question 2	10	Funtions	34	10	0.5	6.69
Question 3	10	Algebra	32	8	0	3.47
Question 4	10	Differentiation	30	10	0	5.40
Question 5	10	Integration	27	7.5	0	3.59
Question 6	10	Statistics	31	10	1.5	7.90
Question 7	10	Probability	30	9	0	4.10
Question 8	10	Trigonometry	25	10	0	4.66
Question 9	10	Exponential and logarithmic function	27	10	0	2.78
Question 10	10	Matrix	29	9	0	4.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	8	0	8	0	2.7500	1/33	1/22	1/5

GRADE : A=2; B=1; C=2; D=3; E=0; 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	The subject matter of economics	8	10	3	7.38
Question 2	10	Population	8	10	4	7.50
Question 3	20	Production	7	20	2	15.66
Question 4	20	Demand and supply	1	20	20	20.00
Question 5	20	Theories of firm	8	20	5	16.25
Question 6	20	Environmental economics	7	16	10.5	13.00
Question 7	20	Theories of money	3	5	1	2.67
Question 8	20	Employment and unemployment	6	16	5	10.83
<b>PAPER 2</b>						
Question 1	10	Economic growth and development	8	10	9	9.88
Question 2	10	Economic integration	8	10	5	9.38
Question 3	20	National income	6	18.5	2.6	11.53
Question 4	20	Financial institutions	1	8	8	8.00
Question 5	20	International trade	8	18	10.5	15.38
Question 6	20	Economic structure of Tanzania	7	15	1	8.43
Question 7	20	Economic planning	6	15	5	9.00
Question 8	20	Financial institutions	3	18	15	16.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
DIVINITY	48	0	48	0	3.0208	1/8	1/5	1/4

GRADE : A=6; B=8; C=18; D=11; E=5; 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	Prophets	44	20	0	11.25
Question 2	20	Prophet Elijah	48	20	16	19.29
Question 3	10	Prophet - Elijah	45	10	0	3.78
Question 4	10	Judges - manoah - samson	48	10	0	6.73
Question 5	10	Prophets	39	10	1	7.72
Question 6	20	Prophet - Haggai	25	18	2	12.08
Question 7	20	Prophet - Ezekiel	29	20	5	17.34
<b>PAPER 2</b>						
Question 1	10	Gospel of Luke	48	10	0	7.63
Question 2	10	Gospels - messianic secret	47	10	0	5.09
Question 3	10	Gospel John - prologue	47	10	2	6.57
Question 4	10	Gospel of Mathew - Genealogy	47	10	0	7.05
Question 5	10	Thessalonian - major themes	45	10	0	7.29
Question 6	10	Gospels of Math and Luke - preaching	44	10	0	7.20
Question 7	20	Acts - Jerusalem council	39	20	0	11.77
Question 8	20	Romans	12	20	5	12.50
Question 9	20	Corinthians - spiritual gifts, Galatians - christian freedom	44	20	0	12.89