



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

Agape Lutheran Junior Seminary
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	5	0	5	0	4.6000	3/32	3/20	1/3

GRADE : A=0; B=0; C=0; 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	Calculating device	5	10	7.5	8.00
Question 2	10	Hyperbolic function	4	10	5	7.00
Question 3	10	Linear programming	5	10	7	8.80
Question 4	10	Statistics	5	7	3.5	5.60
Question 5	10	Sets	5	10	3	8.00
Question 6	10	Function	5	10	7	9.20
Question 7	10	Numerical method	5	10	0.5	6.60
Question 8	10	Coordinate geometry I	5	3.5	0	0.70
Question 9	10	Integration	5	5	0	1.70
Question 10	10	Differentiation	5	5	0	2.20
PAPER 2						
Question 1	15	Probability	5	10	3	6.00
Question 2	15	Logic	5	11	7	9.00
Question 3	15	Vector	5	10	3	4.80
Question 4	15	Complex number	5	9	2	5.60
Question 5	20	Trigonometric ratio	5	6	0	1.60
Question 6	20	Algebra	4	10	8	9.00
Question 7	20	Differentiation equation	5	11	0	4.00
Question 8	20	Coordinate geometry II	5	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	22	0	22	0	3.8182	2/30	2/18	1/3

GRADE : A=0; B=3; C=2; D=13; E=4; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	22	8	2	6.14
Question 2	10	Gravitation	22	9	0	2.41
Question 3	10	Circular motion, gravitation	22	10	0	3.95
Question 4	10	Projectile motion, Newton's law of motion	22	8	0	3.41
Question 5	10	Heat	22	9	0	5.41
Question 6	10	Heat	20	9	0	3.15
Question 7	10	Environmental physics	22	10	3	7.64
Question 8	15	Current electricity	20	10	1	5.43
Question 9	15	Electronics	16	15	2	10.44
Question 10	15	Electronics	9	7	1	3.44
PAPER 2						
Question 1	20	Fluid dynamics	22	14	7	10.36
Question 2	20	Waves	17	15.5	0	10.35
Question 3	20	Properties of materials (matter)	22	20	3	14.50
Question 4	20	Static electricity	19	11	0	5.47
Question 5	20	Electromagnetism	10	15	0	7.70
Question 6	20	Morden physics	20	20	4	12.95
PAPER 3						
Question 1	20	Mechanics	22	19.5	16.5	17.86
Question 2	15	Heat	22	14	7	11.20
Question 3	15	Current electricity	22	15	10	13.55

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	26	0	26	0	3.5769	2/32	2/18	1/3

GRADE : A=0; B=1; C=13; D=8; E=4; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	26	10	2.5	7.15
Question 2	10	Chemical bonding	26	10	4	6.87
Question 3	10	Gases	26	10	3	5.38
Question 4	10	Relative molecular masses in solution	26	8.5	1.5	6.37
Question 5	10	Inorganic (selected compounds of metals)	26	10	0	7.27
Question 6	10	Thermochemistry	26	10	0	5.23
Question 7	10	Chemical equilibrium	26	10	1.5	5.65
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	23	10.5	3	7.65
Question 9	15	Organic chemistry (aromatic hydrocarbons)	10	12	3.5	8.55
Question 10	15	Soil chemistry	19	11	3	8.26
PAPER 2						
Question 1	20	Two components liquid system	24	18	3	7.31
Question 2	20	Chemical kinetics	25	18	1	12.30
Question 3	20	Buffer solution (Acid, base and salts)	20	16	0	9.85
Question 4	20	Periodic classification	16	19.5	6	13.47
Question 5	20	Transition elements	25	20	5.5	13.10
Question 6	20	Carbon compounds	20	18	3.5	12.68
PAPER 3						
Question 1	20	Redox titration	26	20	15	17.60
Question 2	15	Thermochemistry (energetic)	26	11	4	7.00
Question 3	15	Qualitative analysis	26	13	3.5	7.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	22	0	22	0	3.7273	2/31	2/17	1/3

GRADE : A=0; B=1; C=10; D=5; E=6; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	22	8	5	6.73
Question 2	10	Biochemistry	22	10	3	6.91
Question 3	10	Principles of classification	22	10	0	7.98
Question 4	10	Coordination	22	8	0	2.70
Question 5	10	Nutrition	22	5	0	1.25
Question 6	10	Reproduction	22	9	0	5.55
Question 7	10	Respiration and gaseous exchange	22	9	5	7.59
Question 8	15	Reproduction	4	6	0	2.75
Question 9	15	Transport of materials	18	9	0	3.67
Question 10	15	Respiration and gaseous exchange	20	14	7	11.75
PAPER 2						
Question 1	20	Comparative groups of organisms	22	16	5	10.36
Question 2	20	Evolution	21	12	4	8.90
Question 3	20	Genetics	19	18.5	0	12.89
Question 4	20	Growth and development	14	19	1	10.79
Question 5	20	Osmoregulation, homeostasis and excretion	20	20	0	10.95
Question 6	20	Ecology	14	20	4	15.89
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	22	19.5	12	15.39
Question 2	15	Cytology (biochemistry)	22	13	3	8.00
Question 3	15	Principles of classification	22	15	7	11.68

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	8	0	8	0	3.1250	2/39	2/23	1/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	8	24	0	13.44
Question 2	15	Photograph	7	14	7	10.86
Question 3	15	Survey	1	7	7	7.00
Question 4	20	Dynamic earth and Consequences	2	13	0	6.50
Question 5	20	Soil	6	19	14	17.00
Question 6	20	Water Masses	8	17	9.5	11.63
Question 7	20	Space Dynamics	8	16	1	8.88
PAPER 2						
Question 1	20	Population	8	18	0	10.00
Question 2	20	Population	8	20	20	20.00
Question 3	20	Agriculture	6	19	10	15.00
Question 4	20	Tourism	7	13	7.5	10.57
Question 5	20	Industry	6	18	11	14.50
Question 6	20	Fishing	5	15	13	13.80
Question 7	20	Fuel and power	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	30	0	29	1	3.2000	3/39	3/23	1/5

GRADE : A=0; B=4; C=19; D=6; E=0; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	23	14.5	3.5	11.24
Question 2	20	Contemporary and cross cutting issues	28	16	8	12.45
Question 3	20	Democracy	30	16	3.5	12.78
Question 4	20	Contemporary and cross cutting issues	8	14	9	11.38
Question 5	20	Science and technology	26	19	11	15.25
Question 6	20	International affairs	25	16	8	11.56
Question 7	20	Globalization	10	15	4.5	9.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	1	0	1	0	1.0000	1/36	1/20	1/5

GRADE : A=1; B=0; C=0; D=0; 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	Introduction to language	1	7	7	7.00
Question 2	10	Introduction to language	1	9	9	9.00
Question 3	10	Introduction to language	1	10	10	10.00
Question 4	10	Introduction to language	1	10	10	10.00
Question 5	20	Word formation	1	14	14	14.00
Question 6	20	Listerning skills	1	14	14	14.00
Question 7	20	Speaking	1	17	17	17.00
Question 8	20	Translation and interpretation	0	0	0	0.00
PAPER 2						
Question 1	10	Introduction to literature	1	9	9	9.00
Question 2	10	Introduction to literature	1	8	8	8.00
Question 3	10	Introduction to literature	1	5	5	5.00
Question 4	10	Stylistics and communication	1	10	10	10.00
Question 5	20	Novels	1	20	20	20.00
Question 6	20	Plays	1	12	12	12.00
Question 7	20	Poetry	0	0	0	0.00
Question 8	20	Poetry	1	19	19	19.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	3	0	3	0	2.6667	1/38	1/22	1/5

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

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	3	12	3	7.67
Question 2	20	Africa and Europe in the 15th C	3	17	16.5	16.83
Question 3	20	People of African origin in the new World	1	14	14	14.00
Question 4	20	From colonialism to the First World War	3	14	12	12.67
Question 5	20	Colonial economy and social services after Second World War	0	0	0	0.00
Question 6	20	Pre-colonial African societies	2	1	1	1.00
Question 7	20	Influence of external forces and the rise of nationalism in Africa	3	15.5	12.5	13.67
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	3	20	20	20.00
Question 2	20	Imperialism and territorial division of the World	2	17	14	15.50
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	2	15	11	13.00
Question 4	20	The emergence of USA as a super power nation	3	17.5	8	14.17
Question 5	20	The rise of capitalism in Europe	2	17.5	13	15.25
Question 6	20	The rise of socialism	1	14.5	14.5	14.50
Question 7	20	Threat to the World peace after WWII	2	15	12	13.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	24	0	21	3	4.2083	1/38	1/22	1/5

GRADE : A=0; B=3; C=6; D=5; E=6; S=1; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	24	10	4	7.83
Question 2	10	Functions	24	9.5	1.5	6.71
Question 3	10	Algebra	24	8.5	0	5.08
Question 4	10	Differentiation	24	7.5	1	4.98
Question 5	10	Integration	24	10	0	4.65
Question 6	10	Statistics	24	10	0	5.23
Question 7	10	Probability	24	7	0	2.54
Question 8	10	Trigonometry	24	10	0	4.94
Question 9	10	Exponential and logarithmic functions	24	10	0	3.21
Question 10	10	Matrices and linear programming	24	10	1.5	6.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	3	0	3	0	4.3333	5/33	4/21	3/5

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
PAPER 1						
Question 1	10	Subject matter of economics	3	7	0	3.00
Question 2	10	Trade cycle	3	2	0	1.33
Question 3	20	Theory of demand and supply	2	10	8	9.00
Question 4	20	Theory of firm	3	9.5	8.5	9.17
Question 5	20	Concept of market	1	0.5	0.5	0.50
Question 6	20	Money and price index	1	3.5	3.5	3.50
Question 7	20	Privatization	2	14	9.5	11.75
Question 8	20	Employment and unemployment	3	15	12	14.00
PAPER 2						
Question 1	10	Regional economic integration	3	9	7	8.33
Question 2	10	Public finance	3	3	1	2.00
Question 3	20	National income	0	0	0	0.00
Question 4	20	Financial institution	3	6	3	4.67
Question 5	20	Public finance	3	19	6	12.67
Question 6	20	International trade	0	0	0	0.00
Question 7	20	Marketing and distribution	3	14.5	13.5	13.83
Question 8	20	Structure of Tanzania economy	3	18	13.5	15.33