



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
FORM FOUR NORTHERN ZONE JOINT EXAMS SYNDICATE (NZJES)
AUGUST 2023

AGAPE LUTHERAN JUNIOR SEMINARY
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	38	0	38	0	2.7368	6/95	3/61	1/11

GRADE : A=2; B=7; C=28; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	38	9	5	7.03
Question 2	6	Optical instruments	38	6	0	4.39
Question 3	9	Thermal expansion, vectors	38	5	0	1.11
Question 4	9	Waves, equilibrium and Archimedes principles	38	9	0	3.66
Question 5	9	Pressure, light (mirror)	38	9	0	4.79
Question 6	9	Static electricity, current electricity	38	9	0	6.82
Question 7	9	Sustainable energy sources, Newtons	38	9	3	7.26
Question 8	9	Electromagnetism, light	38	7.5	0	4.34
Question 9	15	Waves, heat	31	12	0	5.45
Question 10	15	Radioactivity, electronics	15	13	0	6.43
Question 11	15	Astronomy, friction, light	30	13.5	2	7.03
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	38	21	3.5	16.47
Question 2	25	Light (glass block) / Light (plane mirror)	38	24	6	18.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	41	0	41	0	2.3415	11/99	5/63	1/11

GRADE : A=3; B=21; C=17; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	41	10	4	7.78
Question 2	6	Electrolysis and ionic theory	41	6	3	5.15
Question 3	9	Laboratory safety	41	8	1	4.22
Question 4	9	Energy and fuel	41	9	3.5	6.45
Question 5	9	Extraction of metals	41	9	4	6.12
Question 6	9	Chemical kinetics and equilibrium	41	9	0	3.76
Question 7	9	Electrolysis and ionic theory	41	9	0	4.91
Question 8	9	Matter, air, combustion and rusting	41	9	5	8.00
Question 9	15	Organic chemistry	3	10.5	7	8.33
Question 10	15	Pollution	38	13	1	3.26
Question 11	15	Hardness of water, formulae, bonding and nomenclature	41	12	2	6.80
PAPER 2						
Question 1	25	Volumetric analysis	41	25	9	20.87
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	41	24	7	18.95

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	135	0	135	0	2.1852	9/100	4/63	1/11

GRADE : A=26; B=58; C=51; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	135	8	2	5.59
Question 2	6	Various topics	135	6	0	3.86
Question 3	9	Safety in our environment	135	8.5	2	4.79
Question 4	9	Nutrition	134	9	0	7.76
Question 5	9	Growth and development	131	8	0	2.94
Question 6	9	Balance of nature	135	8	0	3.97
Question 7	9	Regulation	135	9	0	5.44
Question 8	9	Transport of materials in living organism	135	9	0	3.80
Question 9	15	Healthy and immunity and diseases	131	15	0	11.86
Question 10	15	Evolution	98	15	2	8.72
Question 11	15	Genetics , variation	40	15	0	10.13
PAPER 2						

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	25	Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism	135	25	6	20.31
Question 2	25	Classification of living organism	135	25	12.5	21.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	135	0	135	0	2.7852	20/100	10/63	1/11

GRADE : A=5; B=33; C=83; D=14; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	135	9	0	5.39
Question 2	6	Matching items	135	5	0	2.54
Question 3	12	Map reading and Map interpretation	135	11	0	6.02
Question 4	10	Application of statistics	135	9	0	2.32
Question 5	9	Elementary survey and map making	135	9	4	7.66
Question 6	11	Introduction to research	135	11	2	6.97
Question 7	12	Photograph reading and interpretation	135	12	1	6.70
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	135	14	2	11.53
Question 10	15	Human Population	78	15	0	7.18
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	57	15	5	11.87

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	135	0	135	0	1.3481	12/100	8/63	1/11

GRADE : A=96; B=31; C=8; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	135	10	3	7.52
Question 2	6	Various topics	135	6	0	3.28
Question 3	9	Poverty	135	9	0	7.15
Question 4	9	Culture	134	9	0	8.38
Question 5	9	Economic and social development	134	9	0	8.04
Question 6	9	Economic and social development	135	9	0	8.76
Question 7	9	Government of Tanzania	135	9	0	5.63
Question 8	9	Family life	135	9	0	8.51
Question 9	15	Economic and social development	81	13	3	9.43
Question 10	15	Road safety education	97	14	0	8.75
Question 11	15	Promotion of life skills	91	14	6	12.34

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	135	0	134	1	3.1778	24/100	12/63	2/11

GRADE : A=0; B=7; C=98; D=29; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	135	8	2	5.32
Question 2	6	Ufahamu	135	6	0	4.01
Question 3	9	Uundaji wa maneno	135	6	0	2.44
Question 4	9	Tungo	134	9	0	1.44
Question 5	9	Aina za maneno	135	5	0	1.07
Question 6	9	Utungaji	135	8	0	5.24
Question 7	9	Maendeleo ya kiswahili	133	8	0	3.29
Question 8	9	Uhakiki	135	8	0	7.59
Question 9	15	Fasihi kwa ujumla	132	15	0	10.34
Question 10	15	Uhakiki wa fasihi	24	13	0	5.38
Question 11	15	Uhakiki wa fasihi	113	14	4	12.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	135	0	132	3	3.0000	17/100	9/63	1/11

GRADE : A=4; B=19; C=88; D=21; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	135	10	2	5.75
Question 2	6	Various topics	135	6	1	3.88
Question 3	9	Tenses	135	9	0	0.97
Question 4	9	Structure	134	9	0	6.27
Question 5	9	Writing	135	9	0	7.46

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Vocabularies	135	9	2	6.50
Question 7	9	Articles	135	9	0	4.73
Question 8	9	Inversions	135	6	0	1.49
Question 9	15	Reading literary works	135	14	1	9.63
Question 10	15	Reading literary works	75	13	0	6.19
Question 11	15	Reading literary works	60	15	1	9.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	135	0	135	0	2.0593	6/100	2/63	1/11

GRADE : A=42; B=44; C=48; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	135	9	0	5.53
Question 2	6	Various topics	135	6	2	4.86
Question 3	9	Various topics	135	8.5	1	6.62
Question 4	9	A scramble for and partition of Africa	135	9	0	7.07
Question 5	9	Map of Africa which show the resistance	135	9	0.5	7.23
Question 6	9	Slave trade in the Indian ocean	135	9	0	3.58
Question 7	9	Resistance	135	8.5	0	3.35
Question 8	9	Colonial administrative system	135	9	0	5.42
Question 9	15	Evolution of man, environment, technology	117	15	4	11.95
Question 10	15	Colonial economy	96	14.5	1	11.90
Question 11	15	Africa and external World	57	14	0.5	11.80

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	135	0	69	66	4.2296	11/100	7/63	2/11

GRADE : A=0; B=5; C=25; D=39; F=66;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	135	6	0	3.20
Question 2	6	Fractions,logarithms	135	6	0	0.77
Question 3	6	Sets,Probability	135	6	0	0.57
Question 4	6	Coordinate Geometry, Vector	135	6	0	1.61
Question 5	6	Geometry, areas and perimeter	135	6	0	2.36
Question 6	6	Rates and variations, Ratios, profit and loss	135	6	0	3.49
Question 7	6	Ratios, profit and loss, accounts	135	6	0	2.69
Question 8	6	Sequence and series	135	6	0	1.18
Question 9	6	Trigonometry	135	6	0	0.96
Question 10	6	Quadratic equation, algebra	135	6	0	0.97
Question 11	10	Circle,statistics	135	10	0	4.32
Question 12	10	Three dimension figures,Earth as the sphere	135	10	0	1.98
Question 13	10	Matrices and transportation	134	10	0	5.27
Question 14	10	Linear programming,function	134	8	0	2.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AGRICULTURAL SCIENCE	3	0	3	0	2.0000	1/12	1/4	1/1

GRADE : A=0; B=3; C=0; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Principles of crop production	3	7	5	6.00
Question 2	6	Livestock production	3	6	4	5.33
Question 3	9	Principles of crop production	3	9	9	9.00
Question 4	9	Principles of crop production	3	9	8	8.67
Question 5	9	Agricultural mechanization	3	9	9	9.00
Question 6	9	Principles of crop production	3	5	2	3.67
Question 7	9	Principles of crop production	3	8	4	6.33
Question 8	9	Soil productivity	3	5	5	5.00
Question 9	15	Animal husbandry	3	14	14	14.00
Question 10	15	Agricultural marketing	3	14	11	12.00
Question 11	15	Agricultural marketing	0	0	0	0.00
PAPER 2						
Question 1	25	Introduction to soil science	3	21	15	17.33
Question 2	25	Principles of livestock production, crop production	3	15	6	11.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	135	0	135	0	1.3778	14/59	7/30	1/10

GRADE : A=91; B=37; C=7; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	135	20	10	15.56
Question 2	5	Various topics	135	5	1	3.69
Question 3	9	Genesis - The tower of Babel	135	9	0	7.35
Question 4	9	Acts of the Apostles	135	9	0	7.85
Question 5	9	Genesis	69	9	5	8.28
Question 6	9	Mathew	77	9	5	8.39
Question 7	9	Luke	77	9	0	7.45
Question 8	9	Luke	47	9	2	6.72
Question 9	9	Acts of the Apostles	104	9	0	6.62
Question 10	9	Judges	30	9	2	6.77
Question 11	15	Acts of the Apostles	120	15	1	9.72
Question 12	15	Judges	134	14	1	11.27
Question 13	15	Acts of the Apostles	15	13	0	8.07