



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

**AILANGA LUTHERAN SEMINARY SCHOOL**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	32	0	22	10	4.2188	60/95	20/28	2/5

GRADE : A=0; B=0; C=3; D=19; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	31	9	3	5.45
Question 2	6	Optical instruments	31	6	0	2.65
Question 3	9	Thermal expansion, vectors	31	4	0	0.26
Question 4	9	Waves, equilibrium and Archimedes principles	31	5	0	1.42
Question 5	9	Pressure, light (mirror)	31	9	0	3.35
Question 6	9	Static electricity, current electricity	30	0	0	0.00
Question 7	9	Sustainable energy sources, Newtons	29	7	1	3.76
Question 8	9	Electromagnetism, light	31	5	0	0.65
Question 9	15	Waves, heat	24	10	0	4.33
Question 10	15	Radioactivity, electronics	8	6	1	4.00
Question 11	15	Astronomy, friction, light	30	10.5	3.5	7.05
<b>PAPER 2</b>						
Question 1	25	Simple pendulum / Hooke's law	32	20	1.5	10.42
Question 2	25	Light (glass block) / Light (plane mirror)	32	21	2	13.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	31	0	30	1	3.4839	75/99	21/29	2/6

GRADE : A=0; B=0; C=17; D=13; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	31	8	1	5.65
Question 2	6	Electrolysis and ionic theory	31	6	0	4.19
Question 3	9	Laboratory safety	31	9	1	4.71
Question 4	9	Energy and fuel	31	8.5	3	6.40
Question 5	9	Extraction of metals	30	8	0	5.13
Question 6	9	Chemical kinetics and equilibrium	31	9	0	3.48
Question 7	9	Electrolysis and ionic theory	31	6.5	0	3.39
Question 8	9	Matter, air, combustion and rusting	31	9	1	7.13
Question 9	15	Organic chemistry	1	6.5	6.5	6.50
Question 10	15	Pollution	30	3	1	2.93
Question 11	15	Hardness of water, formulae, bonding and nomenclature	31	10	3	5.58
<b>PAPER 2</b>						
Question 1	25	Volumetric analysis	31	11	2	5.85
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	31	24	5	15.21

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	55	0	51	4	3.3273	61/100	20/30	2/6

GRADE : A=0; B=6; C=29; D=16; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	55	8	0	3.60
Question 2	6	Various topics	54	6	0	2.57
Question 3	9	Safety in our environment	55	8.5	0	4.06
Question 4	9	Nutrition	55	9	0.5	6.06
Question 5	9	Growth and development	54	8.5	0	2.44
Question 6	9	Balance of nature	55	8	0	2.25
Question 7	9	Regulation	55	8	0	3.40
Question 8	9	Transport of materials in living organism	54	7	0	2.42
Question 9	15	Healthy and immunity and diseases	54	15	0	9.91
Question 10	15	Evolution	41	14	0	7.49
Question 11	15	Genetics , variation	11	5	0	1.77
<b>PAPER 2</b>						

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	55	21.5	10.5	16.33
Question 2	25	Classification of living organism	55	21.5	1.5	14.26

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>GEOGRAPHY</b>	55	0	52	3	3.4000	55/100	18/30	1/6

**GRADE : A=0; B=4; C=28; D=20; F=3;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	55	9	2	4.58
Question 2	6	Matching items	55	5	0	2.33
Question 3	12	Map reading and Map interpretation	55	10	0.5	4.55
Question 4	10	Application of statistics	48	7	0	1.46
Question 5	9	Elementary survey and map making	55	9	0	6.97
Question 6	11	Introduction to research	55	11	0	5.96
Question 7	12	Photograph reading and interpretation	55	12	4	7.67
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	53	14	0	7.92
Question 10	15	Human Population	36	13	0	3.58
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	21	15	0	8.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>CIVICS</b>	55	0	55	0	2.3455	53/100	18/30	2/6

**GRADE : A=9; B=22; C=20; D=4; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	55	10	2	6.27
Question 2	6	Various topics	55	5	1	2.65
Question 3	9	Poverty	55	9	0	5.05
Question 4	9	Culture	55	9	0	6.67
Question 5	9	Economic and social development	55	9	0	6.89
Question 6	9	Economic and social development	55	9	0	8.31
Question 7	9	Government of Tanzania	55	9	0	4.38
Question 8	9	Family life	55	9	0	7.65
Question 9	15	Economic and social development	25	12	0	5.36
Question 10	15	Road safety education	40	15	0	7.70
Question 11	15	Promotion of life skills	44	14	0	10.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>LITERATURE IN ENGLISH</b>	19	0	19	0	3.5263	37/53	10/14	1/1

**GRADE : A=0; B=0; C=9; D=10; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	19	10	1	5.21
Question 2	6	matching items	19	5	2	3.53
Question 3	9	Theory of literature	19	4	0	0.63
Question 4	9	Theory of literature	19	6.5	1	4.89
Question 5	9	Poems	19	8.5	3	5.05
Question 6	9	Poetry/Poems	19	8.5	1	4.74
Question 7	9	Reading literary works	18	6	0	4.22
Question 8	9	Reading literary works	18	6	0	2.72
Question 9	15	Play, reading literary works	18	8	7	7.72
Question 10	15	Novels, reading literary works	7	9	6	7.71
Question 11	15	Reading literary work (Selected poems)	13	9	7	7.92

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>KISWAHILI</b>	55	0	52	3	3.5818	66/100	23/30	3/6

**GRADE : A=0; B=1; C=24; D=27; F=3;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	55	8	2	5.07
Question 2	6	Ufahamu	55	6	0	3.49
Question 3	9	Uundaji wa maneno	55	6	0	2.84
Question 4	9	Tungo	53	9	0	2.15
Question 5	9	Aina za maneno	55	4	0	1.64

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Utungaji	55	7	2	5.11
Question 7	9	Maendeleo ya kiswahili	54	8	0	3.54
Question 8	9	Uhakiki	39	8	0	5.74
Question 9	15	Fasihi kwa ujumla	48	13	0	5.57
Question 10	15	Uhakiki wa fasihi	23	14	0	10.43
Question 11	15	Uhakiki wa fasihi	33	14	5.5	10.73

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	55	0	42	13	3.8000	56/100	18/30	1/6

GRADE : A=0; B=2; C=20; D=20; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	55	9	1	4.36
Question 2	6	Various topics	55	6	0	2.85
Question 3	9	Tenses	54	9	0	1.33
Question 4	9	Structure	55	9	0	5.33
Question 5	9	Writing	55	8	0	4.87
Question 6	9	Vocabularies	55	9	0	4.89
Question 7	9	Articles	53	9	0	2.77
Question 8	9	Inversions	53	3	0	0.55
Question 9	15	Reading literary works	54	14	0	6.63
Question 10	15	Reading literary works	21	15	0	7.81
Question 11	15	Reading literary works	36	15	0	5.78

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	55	0	46	9	3.4727	62/100	17/30	2/6

GRADE : A=0; B=3; C=32; D=11; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	55	9	1	3.64
Question 2	6	Various topics	55	6	1	4.02
Question 3	9	Various topics	55	8	0	5.11
Question 4	9	A scramble for and partition of Africa	55	9	0	5.62
Question 5	9	Map of Africa which show the resistance	55	8	0	3.14
Question 6	9	Slave trade in the Indian ocean	55	3.5	0	0.95
Question 7	9	Resistance	54	9	0	3.99
Question 8	9	Colonial administrative system	55	9	0	3.58
Question 9	15	Evolution of man, environment, technology	51	14	0	9.92
Question 10	15	Colonial economy	34	14	0	5.12
Question 11	15	Africa and external World	23	13	0	7.74

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	55	0	7	48	4.8545	53/100	17/30	2/6

GRADE : A=0; B=0; C=1; D=6; F=48;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	55	6	0	1.60
Question 2	6	Fractions, logarithms	55	3	0	0.24
Question 3	6	Sets, Probability	55	3	0	0.20
Question 4	6	Coordinate Geometry, Vector	55	6	0	1.07
Question 5	6	Geometry, areas and perimeter	55	6	0	0.44
Question 6	6	Rates and variations, Ratios, profit and loss	55	6	0	1.50
Question 7	6	Ratios, profit and loss, accounts	55	3	0	1.10
Question 8	6	Sequence and series	55	5	0	0.33
Question 9	6	Trigonometry	55	6	0	0.37
Question 10	6	Quadratic equation, algebra	55	6	0	0.61
Question 11	10	Circle, statistics	55	8	0	2.24
Question 12	10	Three dimension figures, Earth as the sphere	55	2	0	0.31
Question 13	10	Matrices and transportation	54	10	0	1.60
Question 14	10	Linear programming, function	55	9.5	0	0.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
INFORMATION AND COMPUTER STUDIES	6	0	6	0	3.1667	14/16	5/5	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	The computer,computer handling, Database,the internet,spread sheet and communication	6	8	5	6.67
Question 2	6	The computer, word processor,networking and communication	6	5	3	3.83
Question 3	9	The computer	6	6	3	4.17
Question 4	9	Word processor,ICT effects	6	8	5	6.00
Question 5	9	Wb page design	6	6	1	3.50
Question 6	9	The internet	6	8	2	4.00
Question 7	9	Database	6	8	4	5.67
Question 8	9	Spread sheet	6	6	0	4.00
Question 9	15	Information	3	11.5	10	10.67
Question 10	15	The internet	5	11.5	7	9.60
Question 11	15	Computer evolution	4	10.5	1	6.75
<b>PAPER 2</b>						
Question 1	25	Database management	6	16	4	10.67
Question 2	25	Spread sheet	1	2	2	2.00
Question 3	25	Desktop publishing	5	23	8	15.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>BIBLE KNOWLEDGE</b>	55	0	55	0	2.1273	30/59	15/24	2/6

**GRADE : A=17; B=18; C=16; D=4; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	55	19	7	13.91
Question 2	5	Various topics	55	5	1	3.76
Question 3	9	Genesis - The tower of Babel	55	9	3	6.38
Question 4	9	Acts of the Apostles	55	9	0	3.53
Question 5	9	Genesis	39	9	0	6.36
Question 6	9	Mathew	17	9	2	6.94
Question 7	9	Luke	21	8	2	5.14
Question 8	9	Luke	31	9	0	7.10
Question 9	9	Acts of the Apostles	41	9	0	6.12
Question 10	9	Judges	14	9	0	4.07
Question 11	15	Acts of the Apostles	35	14	7	10.37
Question 12	15	Judges	47	15	8	12.02
Question 13	15	Acts of the Apostles	19	14	0	10.68