



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

LONAT SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	5	0	1	4	4.8000	89/95	58/61	14/14

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	5	7	2	3.60
Question 2	6	Optical instruments	5	3	1	1.60
Question 3	9	Thermal expansion, vectors	5	0	0	0.00
Question 4	9	Waves, equilibrium and Archimedes principles	5	3	0	1.60
Question 5	9	Pressure, light (mirror)	5	5	0	1.40
Question 6	9	Static electricity, current electricity	5	0	0	0.00
Question 7	9	Sustainable energy sources, Newtons	5	5	0	2.60
Question 8	9	Electromagnetism, light	5	3	0	0.60
Question 9	15	Waves, heat	3	0	0	0.00
Question 10	15	Radioactivity, electronics	2	0	0	0.00
Question 11	15	Astronomy, friction, light	5	2	0	1.40
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	5	19.5	0.5	8.90
Question 2	25	Light (glass block) / Light (plane mirror)	5	21	12	15.20

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	5	0	5	0	3.8000	88/99	57/63	15/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	5	6	3	4.40
Question 2	6	Electrolysis and ionic theory	5	6	0	4.60
Question 3	9	Laboratory safety	5	4	2	3.20
Question 4	9	Energy and fuel	5	7.5	4	5.80
Question 5	9	Extraction of metals	5	5	0	3.20
Question 6	9	Chemical kinetics and equilibrium	5	4	2	3.00
Question 7	9	Electrolysis and ionic theory	3	5	0	1.83
Question 8	9	Matter, air, combustion and rusting	5	8	2	4.40
Question 9	15	Organic chemistry	0	0	0	0.00
Question 10	15	Pollution	5	15	1	6.60
Question 11	15	Hardness of water, formulae, bonding and nomenclature	5	4	2	2.80
PAPER 2						
Question 1	25	Volumetric analysis	5	17	7	12.00
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	5	21	10	15.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	14	0	11	3	4.1429	92/100	57/63	15/15

GRADE : A=0; B=0; C=1; D=10; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	14	5	1	3.36
Question 2	6	Various topics	14	4	0	1.86
Question 3	9	Safety in our environment	13	6	2	4.27
Question 4	9	Nutrition	14	9	1	4.36
Question 5	9	Growth and development	12	4	0	1.08
Question 6	9	Balance of nature	14	7	0	3.64
Question 7	9	Regulation	13	4	0	1.50
Question 8	9	Transport of materials in living organism	13	4	0	1.00
Question 9	15	Healthy and immunity and diseases	13	8	0	3.15
Question 10	15	Evolution	4	6	5	5.25
Question 11	15	Genetics , variation	6	6	0	2.00
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	14	22	7	15.82
Question 2	25	Classification of living organism	14	18	4	11.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	14	0	7	7	4.2857	93/100	57/63	15/15

GRADE : A=0; B=0; C=3; D=4; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	14	7	1	3.00
Question 2	6	Matching items	14	2	0	0.71
Question 3	12	Map reading and Map interpretation	14	7	0.5	3.79
Question 4	10	Application of statistics	13	1	0	0.15
Question 5	9	Elementary survey and map making	14	9	0	5.54
Question 6	11	Introduction to research	14	10	0	4.71
Question 7	12	Photograph reading and interpretation	14	9	4	5.93
Question 8	0	Application of statistics	1	0	0	0.00
Question 9	15	Agriculture	14	12	1	8.36
Question 10	15	Human Population	14	6	0	0.43
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	14	0	11	3	3.4286	91/100	57/63	14/15

GRADE : A=0; B=3; C=5; D=3; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	14	7	3	5.14
Question 2	6	Various topics	14	5	0	2.00
Question 3	9	Poverty	12	7	0	2.25
Question 4	9	Culture	14	9	0	6.64
Question 5	9	Economic and social development	14	9	0	5.57
Question 6	9	Economic and social development	13	9	0	5.92
Question 7	9	Government of Tanzania	14	9	0	3.79
Question 8	9	Family life	14	9	0	5.93
Question 9	15	Economic and social development	8	7	0	2.25
Question 10	15	Road safety education	12	11	2	4.50
Question 11	15	Promotion of life skills	7	13	2	6.86

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
LITERATURE IN ENGLISH	8	0	7	1	4.0000	48/53	34/35	6/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	8	4	1	2.50
Question 2	6	matching items	8	4	1	1.75
Question 3	9	Theory of literature	7	1	0	0.29
Question 4	9	Theory of literature	8	7.5	0	2.63
Question 5	9	Poems	7	4	0	1.00
Question 6	9	Poetry/Poems	7	4	1.5	3.14
Question 7	9	Reading literary works	8	7	0	4.50
Question 8	9	Reading literary works	6	4	0	2.17
Question 9	15	Play, reading literary works	8	12	10	11.56
Question 10	15	Novels, reading literary works	1	12	12	12.00
Question 11	15	Reading literary work (Selected poems)	6	12	9	10.92

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	14	0	13	1	3.7857	77/100	46/63	13/15

GRADE : A=0; B=0; C=4; D=9; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	14	7	3	4.79
Question 2	6	Ufahamu	13	6	1	3.62
Question 3	9	Uundaji wa maneno	14	4	0	1.57
Question 4	9	Tungo	14	3	0	0.21
Question 5	9	Aina za maneno	12	4	0	1.50

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Utungaji	13	6	5	5.77
Question 7	9	Maendeleo ya kiswahili	13	9	0	1.00
Question 8	9	Uhakiki	13	8	2	5.54
Question 9	15	Fasihi kwa ujumla	13	9	0	5.12
Question 10	15	Uhakiki wa fasihi	3	14	0	8.00
Question 11	15	Uhakiki wa fasihi	12	14	10	12.42

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	14	0	6	8	4.3571	78/100	49/63	14/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	14	6	0	2.79
Question 2	6	Various topics	14	4	0	1.79
Question 3	9	Tenses	14	3	0	0.21
Question 4	9	Structure	14	9	0	4.07
Question 5	9	Writing	14	6	3	4.36
Question 6	9	Vocabularies	14	7	0	3.64
Question 7	9	Articles	14	9	0	2.36
Question 8	9	Inversions	14	3	0	0.21
Question 9	15	Reading literary works	14	13	0	3.07
Question 10	15	Reading literary works	6	13	0	7.00
Question 11	15	Reading literary works	6	14	0	8.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	14	0	13	1	3.6429	77/100	47/63	14/15

GRADE : A=0; B=0; C=6; D=7; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	14	5	0	2.50
Question 2	6	Various topics	14	5	0	2.79
Question 3	9	Various topics	14	7	0	4.75
Question 4	9	A scramble for and partition of Africa	14	9	0	3.11
Question 5	9	Map of Africa which show the resistance	14	4	0	2.14
Question 6	9	Slave trade in the Indian ocean	14	6	0	0.93
Question 7	9	Resistance	13	6.5	1	3.04
Question 8	9	Colonial administrative system	13	4	0	1.54
Question 9	15	Evolution of man, environment, technology	11	13	6.5	10.59
Question 10	15	Colonial economy	14	14	2	10.82
Question 11	15	Africa and external World	3	3	0	1.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	14	0	2	12	4.8571	54/100	34/63	12/15

GRADE : A=0; B=0; C=0; D=2; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	14	2	0	0.93
Question 2	6	Fractions, logarithms	14	0	0	0.00
Question 3	6	Sets, Probability	13	2	0	0.15
Question 4	6	Coordinate Geometry, Vector	14	3	0	0.64
Question 5	6	Geometry, areas and perimeter	14	0	0	0.00
Question 6	6	Rates and variations, Ratios, profit and loss	14	4	0	0.93
Question 7	6	Ratios, profit and loss, accounts	14	2	0	0.29
Question 8	6	Sequence and series	13	3	0	0.69
Question 9	6	Trigonometry	14	3	0	0.29
Question 10	6	Quadratic equation, algebra	14	3	0	0.36
Question 11	10	Circle, statistics	14	6	0	2.61
Question 12	10	Three dimension figures, Earth as the sphere	14	1.5	0	0.14
Question 13	10	Matrices and transportation	14	10	0	3.18
Question 14	10	Linear programming, function	14	3	0	0.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AGRICULTURAL SCIENCE	3	0	2	1	4.3333	10/12	4/4	2/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Principles of crop production	3	6	3	4.33
Question 2	6	Livestock production	3	4	2	3.00
Question 3	9	Principles of crop production	3	7	0	3.67
Question 4	9	Principles of crop production	3	2	0	0.67
Question 5	9	Agricultural mechanization	3	7	0	3.67
Question 6	9	Principles of crop production	3	0	0	0.00
Question 7	9	Principles of crop production	2	5	0	2.50
Question 8	9	Soil productivity	2	5	0	2.50
Question 9	15	Animal husbandry	3	7	2	5.33
Question 10	15	Agricultural marketing	3	7	0	4.00
Question 11	15	Agricultural marketing	0	0	0	0.00
PAPER 2						
Question 1	25	Introduction to soil science	3	15	7	10.00
Question 2	25	Principles of livestock production, crop production	3	1	0	0.33