



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
SOUTHERN ZONE
FORM FOUR JOINT EXAMINATIONS - 2021

LYANIKA SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	43	0	36	7	3.6047	9/50	2/14	9/50

GRADE : A=1; B=4; C=13; D=18; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	43	9	2	5.56
Question 2	5	Thermionic emission	43	5	1	3.63
Question 3	10	Newton's law's of motion	43	8	0	2.91
Question 4	10	Waves	43	10	0	3.44
Question 5	10	Transfer of thermal energy and heating effect of electricity	43	10	0	5.09
Question 6	10	Radioactivity	43	9	0	3.21
Question 7	10	Equilibrium	43	10	0	3.30
Question 8	10	Light part two	43	10	0	3.93
Question 9	12.5	Electronics	33	10	0	3.77
Question 10	12.5	Electronics	3	12.5	0	5.17
Question 11	12.5	Current electricity and electromagnetism	32	11	0	5.75
Question 12	12.5	Elementary astronomy and geophysics	18	12	0	5.83
PAPER 2						
Question 1	25	Mechanics (principle of moments)	42	18	4	8.33
Question 2	25	Light	42	23	6	16.12

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	43	0	36	7	3.5581	18/49	4/14	18/49

GRADE : A=1; B=2; C=19; D=14; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	43	9	1	4.63
Question 2	5	Compound of metals	43	5	0	3.53
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	43	5	1	1.30
Question 4	7	Water, mole concept	42	7	0	2.57
Question 5	7	Formula, bonding and nomenclature	42	7	0	2.12
Question 6	7	Non-metal and their compounds, Volumetric analysis	43	7	0	1.02
Question 7	7	Non-metals and their compounds	43	7	0	3.43
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	42	5	0	0.38
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	43	4	0	2.71
Question 10	7	Volumetric analysis	43	6	0	2.58
Question 11	7	Compound of metals	42	7	0	3.15
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	41	7	0	3.17
Question 13	15	Soil chemistry	8	15	2	9.38
Question 14	15	Pollution	36	12	0	8.54
PAPER 2						
Question 1	25	Volumetric analysis	43	25	6	12.95
Question 2	25	Chemical kinetics, equilibrium and energetics	43	19.5	8	15.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	43	0	41	2	3.2558	16/50	5/14	16/50

GRADE : A=0; B=3; C=28; D=10; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	43	10	3	7.21
Question 2	5	Matching items	43	5	0	1.70
Question 3	6	Introduction to biology	43	5.5	1	3.69
Question 4	6	Nutrition	43	6	0	3.77
Question 5	6	eproduction	43	5	0	1.94

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	43	5.5	0	2.55
Question 7	6	Genetics	43	6	0	3.24
Question 8	6	Movement	43	6	0	2.02
Question 9	6	Regulation	43	6	0	3.77
Question 10	6	Health and immunity, gaseous exchange	43	6	0	3.84
Question 11	6	Balance of nature	43	6	0	3.07
Question 12	6	Reproduction, HIV and STDs	42	6	0	3.19
Question 13	15	Health, immunity and disease	42	13	0	5.39
Question 14	10	Nutrition	42	9	0	6.21
Question 15	10	Reproduction in flowering plants	0	0	0	0.00
PAPER 2						
Question 1	25	Coordination / Classification and reproduction	43	16	4	10.35
Question 2	25	Nutrition / Classification	43	20.5	8.5	15.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	43	0	41	2	3.0465	9/50	2/14	9/50

GRADE : A=1; B=6; C=28; D=6; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	43	8	0	3.77
Question 2	5	Forces that affect the Earth	43	4	0	1.35
Question 3	11	Map reading and interpretation	42	7.5	0	2.89
Question 4	11	Statistics	43	11	1.5	7.45
Question 5	11	Forces that affect the Earth, sturcture of the Earth	42	8.5	0	3.18
Question 6	11	Research	42	11	0	3.55
Question 7	11	Photograph reading and interpretation	43	11	3.5	7.74
Question 8	15	Human population	12	14	5	9.63
Question 9	15	Power and energy resources	42	15	6	11.43
Question 10	15	Environment issue and management	30	14.5	2	12.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CIVICS	43	0	39	4	3.1860	19/50	6/14	19/50

GRADE : A=3; B=3; C=24; D=9; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	43	9	2	5.77
Question 2	5	Matching items	43	5	2	4.49
Question 3	5	Passage (democracy)	43	4.5	0.5	2.66
Question 4	5	Our nation	43	5	0	3.60
Question 5	5	Culture	43	5	0	3.77
Question 6	5	Culture	42	5	0	1.42
Question 7	5	Globalization	41	5	0	4.07
Question 8	5	Economic and social development	43	5	0	3.58
Question 9	5	Poverty	43	4.5	0	1.59
Question 10	5	Democracy	43	4.5	0	2.14
Question 11	15	Culture	38	14	1	6.87
Question 12	15	Poverty	37	13	0	7.05
Question 13	15	Globalization	22	13	1	8.05
Question 14	15	Human rights	32	14	0	3.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	43	0	41	2	3.2558	19/50	6/14	19/50

GRADE : A=0; B=3; C=28; D=10; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	43	9	2	5.19
Question 2	5	Kuoanisha kipengele A na B	43	5	1	4.60
Question 3	4	Ngeli za nomino	43	4	0	1.44
Question 4	4	Matumizi ya lugha	42	4	0	2.55
Question 5	8	Mjengo wa tungo	43	7	0	2.95
Question 6	8	Fasihi andishi (riwaya)	43	6	1	3.44
Question 7	8	Ufahamu na barua	42	7	1	4.40
Question 8	8	Uandishi wa barua	42	8	1	5.50
Question 9	15	Maendeleo ya kiswahili	36	14	2	10.64
Question 10	15	Fasihi andishi(ushairi)	40	12	0	5.54
Question 11	15	Fasihi andishi(riwaya)	8	14	0	3.50

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 12	15	Fasihi andishi(tamthilia)	38	13	0	7.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	43	0	43	0	2.5349	13/50	4/14	13/50

GRADE : A=5; B=15; C=18; D=5; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	43	10	3	6.26
Question 2	5	Matching items	43	3	0	1.40
Question 3	4	Arrangement of sentences	43	4	0	2.14
Question 4	4	The use of pronouns (possessive pronouns)	43	4	1	3.42
Question 5	8	Conjunctions	43	8	0	4.77
Question 6	8	Verb (auxiliary verb 'DO')	43	8	0	3.49
Question 7	8	Structure	43	8	0	4.42
Question 8	8	Reported speech	41	8	0	3.27
Question 9	15	Composition	32	13	5	9.89
Question 10	15	Poetry	20	15	2.5	9.08
Question 11	15	Plays	34	15	1	11.79
Question 12	15	Novels	42	14.5	5	12.07

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	43	0	38	5	3.4419	12/50	3/14	12/50

GRADE : A=0; B=0; C=29; D=9; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	43	10	1	5.35
Question 2	5	Matching items	43	5	0	2.53
Question 3	12	Short answers	43	6.5	1	3.36
Question 4	12	Arranging sentences	43	8	0	1.86
Question 5	11	Map question	43	10	0	4.72
Question 6	15	Nationalism and decolonization	36	8.5	2	5.74
Question 7	15	Economic activities and their impact	40	14	5	10.79
Question 8	15	Colonial economy	43	14	1	11.10
Question 9	15	Changes in social, political and economic policies	10	12	1	5.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	43	0	34	9	3.6512	7/50	2/14	7/50

GRADE : A=3; B=2; C=11; D=18; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	43	6	0	5.09
Question 2	6	Exponents, radicals and logarithms	43	6	0	2.93
Question 3	6	Sets and logarithms	43	4	0	0.95
Question 4	6	Coordinate geometry and vectors	43	6	0	1.51
Question 5	6	Areas and perimeters	43	6	0	2.51
Question 6	6	Rates and perimeters	43	6	0	4.60
Question 7	6	Ratio, profit and loss, accounts	43	6	0	1.81
Question 8	6	Sequence and series	43	6	0	1.29
Question 9	6	Trigonometry	43	6	0	2.33
Question 10	6	Quadratic equation	43	6	0	0.77
Question 11	10	Circles and statistics	43	10	0	2.79
Question 12	10	Three dimensional figures and Earth as sphere	43	10	0	6.02
Question 13	10	Matrices and transformation	43	10	0	5.26
Question 14	10	Linear programming and functions	43	9	0	3.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	43	0	43	0	2.3256	4/28	2/10	4/28

GRADE : A=5; B=20; C=17; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Multiple choices	43	18	5	12.16
Question 2	5	Matching items	43	5	1	3.56
Question 3	9	Genesis	43	8	3	5.33
Question 4	9	Acts of apostles	43	9	3	6.51
Question 5	9	Mathew	0	0	0	0.00

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Mathew	0	0	0	0.00
Question 7	9	Luke	41	8	0	5.00
Question 8	9	Luke	41	9	4	7.34
Question 9	9	Luke	41	9	0	3.12
Question 10	9	Luke	6	8	2	5.50
Question 11	15	Genesis	38	15	3	11.87
Question 12	15	Joshua	28	15	3	9.75
Question 13	15	Acts of apostles	18	15	7	12.06