



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

**ST. ALOIS SECONDARY SCHOOL  
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	46	0	16	30	4.5435	30/50	7/11	30/50

GRADE : A=0; B=0; C=5; D=11; F=30;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	45	7	1	3.96
Question 2	5	Thermionic emission	45	5	0	1.93
Question 3	10	Newton's law's of motion	45	10	0	2.76
Question 4	10	Waves	45	10	0	1.18
Question 5	10	Transfer of thermal energy and heating effect of electricity	45	10	0	2.44
Question 6	10	Radioactivity	45	6	0	0.69
Question 7	10	Equilibrium	45	8	0	1.07
Question 8	10	Light part two	45	10	0	1.53
Question 9	12.5	Electronics	35	9.5	0	2.19
Question 10	12.5	Electronics	11	0	0	0.00
Question 11	12.5	Current electricity and electromagnetism	32	9.5	0	3.17
Question 12	12.5	Elementary astronomy and geophysics	16	6	0	3.69
<b>PAPER 2</b>						
Question 1	25	Mechanics (principle of moments)	45	15	1	5.96
Question 2	25	Light	45	25	1	14.18

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	45	0	33	12	4.0222	29/49	8/11	29/49

GRADE : A=0; B=1; C=9; D=23; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	45	9	1	4.00
Question 2	5	Compound of metals	45	5	1	1.98
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	43	1	0	0.81
Question 4	7	Water, mole concept	45	5	0	0.90
Question 5	7	Formula, bonding and nomenclature	44	7	0	2.61
Question 6	7	Non-metal and their compounds, Volumetric analysis	43	4	0	0.40
Question 7	7	Non-metals and their compounds	45	4	0	2.02
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	45	2	0	0.11
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	45	4	0	2.71
Question 10	7	Volumetric analysis	44	4	0	1.50
Question 11	7	Compound of metals	44	7	0	2.75
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	37	6	0	1.22
Question 13	15	Soil chemistry	13	15	0	6.00
Question 14	15	Pollution	32	13	0	6.11
<b>PAPER 2</b>						
Question 1	25	Volumetric analysis	45	21	4	11.68
Question 2	25	Chemical kinetics, equilibrium and energetics	45	22.5	4	17.16

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	45	0	38	7	3.8444	30/50	8/11	30/50

GRADE : A=0; B=1; C=12; D=25; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	45	10	1	6.18
Question 2	5	Matching items	45	5	0	1.29
Question 3	6	Introduction to biology	45	5	0	1.97
Question 4	6	Nutrition	45	6	0	1.91
Question 5	6	eproduction	45	6	0	0.48

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	45	3.5	0	1.79
Question 7	6	Genetics	45	6	0	1.97
Question 8	6	Movement	45	4	0	0.80
Question 9	6	Regulation	45	6	0	1.33
Question 10	6	Health and immunity, gaseous exchange	45	6	0	3.16
Question 11	6	Balance of nature	45	6	0	2.84
Question 12	6	Reproduction, HIV and STDs	45	6	0	3.40
Question 13	15	Health, immunity and disease	45	8	0	2.24
Question 14	10	Nutrition	40	9	2	5.43
Question 15	10	Reproduction in flowering plants	5	0	0	0.00
<b>PAPER 2</b>						
Question 1	25	Coordination / Classification and reproduction	45	20	8	13.81
Question 2	25	Nutrition / Classification	45	21	6	13.34

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>GEOGRAPHY</b>	45	0	38	7	3.8667	26/50	8/11	26/50

**GRADE : A=0; B=0; C=13; D=25; F=7;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	45	6	0	2.69
Question 2	5	Forces that affect the Earth	45	4	0	1.22
Question 3	11	Map reading and interpretation	45	3.5	1	1.98
Question 4	11	Statistics	45	10.5	0	6.64
Question 5	11	Forces that affect the Earth, structure of the Earth	36	3	0	0.65
Question 6	11	Research	43	8	0	2.84
Question 7	11	Photograph reading and interpretation	44	11	0	5.89
Question 8	15	Human population	13	11	3	6.31
Question 9	15	Power and energy resources	38	14	5	11.32
Question 10	15	Environment issue and management	36	14	3	9.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>CIVICS</b>	45	0	38	7	3.5333	26/50	8/11	26/50

**GRADE : A=1; B=4; C=17; D=16; F=7;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	45	8	1	4.62
Question 2	5	Matching items	45	5	2	4.02
Question 3	5	Passage (democracy)	45	4	0	1.73
Question 4	5	Our nation	42	5	0	3.10
Question 5	5	Culture	42	5	0	3.01
Question 6	5	Culture	38	4	0	0.75
Question 7	5	Globalization	38	5	0	3.88
Question 8	5	Economic and social development	43	5	0	3.67
Question 9	5	Poverty	44	5	0	0.27
Question 10	5	Democracy	39	4	0	1.69
Question 11	15	Culture	37	14	0	6.24
Question 12	15	Poverty	38	14	0	6.16
Question 13	15	Globalization	26	13	0	7.27
Question 14	15	Human rights	30	14	0	7.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>KISWAHILI</b>	45	0	41	4	3.6444	30/50	9/11	30/50

**GRADE : A=0; B=0; C=20; D=21; F=4;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	45	8	2	4.71
Question 2	5	Kuoanisha kipengele A na B	43	5	1	3.91
Question 3	4	Ngeli za nomino	42	3	0	1.64
Question 4	4	Matumizi ya lugha	42	4	0	2.24
Question 5	8	Mjengo wa tungo	45	6	0	2.71
Question 6	8	Fasihi andishi (riwaya)	45	6	0	2.89
Question 7	8	Ufahamu na barua	41	7	0	4.02
Question 8	8	Uandishi wa barua	41	7	0	3.46
Question 9	15	Maendeleo ya kiswahili	35	14	1	7.37
Question 10	15	Fasihi andishi(ushairi)	40	14	0	9.11
Question 11	15	Fasihi andishi(riwaya)	10	11	0	4.50

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 12	15	Fasihi andishi(tamthilia)	44	11	0	4.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	45	0	41	4	3.3111	33/50	9/11	33/50

GRADE : A=1; B=3; C=26; D=11; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	45	9	1	5.49
Question 2	5	Matching items	45	4	0	2.04
Question 3	4	Arrangement of sentences	45	4	0	1.49
Question 4	4	The use of pronouns (possessive pronouns)	45	4	2	3.64
Question 5	8	Conjunctions	45	8	0	4.87
Question 6	8	Verb (auxiliary verb 'DO')	44	6	0	1.50
Question 7	8	Structure	45	8	0	3.33
Question 8	8	Reported speech	37	8	0	1.08
Question 9	15	Composition	27	12	1	7.91
Question 10	15	Poetry	33	13	0	7.23
Question 11	15	Plays	31	13	0	7.60
Question 12	15	Novels	44	14	0	8.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	45	0	26	19	4.2667	31/50	8/11	31/50

GRADE : A=0; B=0; C=7; D=19; F=19;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	45	9	0	4.82
Question 2	5	Matching items	45	3	0	1.20
Question 3	12	Short answers	45	5.5	0	1.53
Question 4	12	Arranging sentences	45	8	0	2.27
Question 5	11	Map question	45	6.5	0	2.11
Question 6	15	Nationalism and decolonization	36	8.5	0	4.56
Question 7	15	Economic activities and their impact	40	12.5	3	8.85
Question 8	15	Colonial economy	39	14	0	7.63
Question 9	15	Changes in social, political and economic policies	16	11	0	1.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	45	0	4	41	4.8889	35/50	9/11	35/50

GRADE : A=0; B=0; C=1; D=3; F=41;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	45	6	0	3.19
Question 2	6	Exponents, radicals and logarithms	45	5	0	0.30
Question 3	6	Sets and logarithms	45	1	0	0.04
Question 4	6	Coordinate geometry and vectors	45	3	0	0.27
Question 5	6	Areas and perimeters	45	6	0	0.36
Question 6	6	Rates and perimeters	45	6	0	3.47
Question 7	6	Ratio, profit and loss, accounts	45	5	0	0.84
Question 8	6	Sequence and series	45	1	0	0.02
Question 9	6	Trigonometry	45	5	0	0.56
Question 10	6	Quadratic equation	45	3	0	0.14
Question 11	10	Circles and statistics	45	8	0	1.58
Question 12	10	Three dimensional figures and Earth as sphere	45	9	0	0.80
Question 13	10	Matrices and transformation	45	8	0	1.33
Question 14	10	Linear programming and functions	42	7	0	0.43