



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

**ST. MARYS SEMINARY**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	45	0	34	11	3.9556	15/50	3/6	15/50

GRADE : A=1; B=2; C=6; D=25; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	45	8	1	4.76
Question 2	5	Thermionic emission	45	5	0	3.24
Question 3	10	Newton's law's of motion	45	7	0	1.20
Question 4	10	Waves	45	10	0	1.00
Question 5	10	Transfer of thermal energy and heating effect of electricity	44	10	0	1.95
Question 6	10	Radioactivity	45	8	0	1.17
Question 7	10	Equilibrium	42	8	0	1.24
Question 8	10	Light part two	45	10	0	1.84
Question 9	12.5	Electronics	36	6	0	1.65
Question 10	12.5	Electronics	5	3	0	0.80
Question 11	12.5	Current electricity and electromagnetism	23	9.5	0	4.35
Question 12	12.5	Elementary astronomy and geophysics	31	8	2	5.08
<b>PAPER 2</b>						
Question 1	25	Mechanics (principle of moments)	45	25	6	15.06
Question 2	25	Light	45	25	5	19.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	45	0	37	8	3.8444	24/49	3/5	24/49

GRADE : A=0; B=1; C=13; D=23; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	45	8	1	5.02
Question 2	5	Compound of metals	45	5	1	2.82
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	44	3	0	0.91
Question 4	7	Water, mole concept	41	6	0	1.66
Question 5	7	Formula, bonding and nomenclature	45	7	0	2.42
Question 6	7	Non-metal and their compounds, Volumetric analysis	44	5	0	0.89
Question 7	7	Non-metals and their compounds	45	6	0	3.80
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	45	6	0	0.31
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	45	4	0	2.71
Question 10	7	Volumetric analysis	45	4	0	1.76
Question 11	7	Compound of metals	42	6	0	3.67
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	42	7	1	2.77
Question 13	15	Soil chemistry	2	4	2	3.00
Question 14	15	Pollution	43	15	0	7.74
<b>PAPER 2</b>						
Question 1	25	Volumetric analysis	45	21	6	13.22
Question 2	25	Chemical kinetics, equilibrium and energetics	45	16	5	10.31

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	45	0	39	6	3.5556	27/50	3/6	27/50

GRADE : A=0; B=0; C=26; D=13; F=6;

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	2	6.73
Question 2	5	Matching items	45	5	0	1.93
Question 3	6	Introduction to biology	45	6	1	3.77
Question 4	6	Nutrition	45	6	0	3.09
Question 5	6	eproduction	45	4	0	1.07

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	45	3.5	0	1.69
Question 7	6	Genetics	45	6	0	2.19
Question 8	6	Movement	45	5	0	1.67
Question 9	6	Regulation	45	6	0	2.36
Question 10	6	Health and immunity, gaseous exchange	45	6	0	3.60
Question 11	6	Balance of nature	45	6	0	4.40
Question 12	6	Reproduction, HIV and STDs	45	6	0	5.18
Question 13	15	Health, immunity and disease	45	10	0	2.98
Question 14	10	Nutrition	44	10	3	7.02
Question 15	10	Reproduction in flowering plants	1	0	0	0.00
<b>PAPER 2</b>						
Question 1	25	Coordination / Classification and reproduction	45	17	1	8.49
Question 2	25	Nutrition / Classification	45	18	4	11.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>GEOGRAPHY</b>	45	0	44	1	3.2667	15/50	3/6	15/50

**GRADE : A=0; B=2; C=30; D=12; F=1;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	45	7	0	2.78
Question 2	5	Forces that affect the Earth	45	5	0	1.93
Question 3	11	Map reading and interpretation	45	6.5	0	2.97
Question 4	11	Statistics	45	9	1.5	6.26
Question 5	11	Forces that affect the Earth, structure of the Earth	41	7	0	2.62
Question 6	11	Research	43	7	0	3.09
Question 7	11	Photograph reading and interpretation	45	11	3.5	8.41
Question 8	15	Human population	7	8	2	5.29
Question 9	15	Power and energy resources	41	14	6	10.24
Question 10	15	Environment issue and management	41	14.5	6	11.34

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>CIVICS</b>	45	0	29	16	4.0444	37/50	4/6	37/50

**GRADE : A=0; B=2; C=10; D=17; F=16;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	45	10	1	5.49
Question 2	5	Matching items	45	5	1	4.53
Question 3	5	Passage (democracy)	45	4	0	2.86
Question 4	5	Our nation	45	5	0	2.58
Question 5	5	Culture	45	5	0	2.04
Question 6	5	Culture	45	3.5	0	1.18
Question 7	5	Globalization	45	5	0	2.46
Question 8	5	Economic and social development	45	5	0	0.91
Question 9	5	Poverty	45	4.5	0	0.87
Question 10	5	Democracy	45	3	0	0.57
Question 11	15	Culture	45	8	0	1.71
Question 12	15	Poverty	45	12	0	3.11
Question 13	15	Globalization	45	14	0	3.12
Question 14	15	Human rights	45	13	0	3.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>KISWAHILI</b>	45	0	42	3	3.6667	32/50	3/6	32/50

**GRADE : A=0; B=1; C=16; D=25; F=3;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	45	8	3	4.80
Question 2	5	Kuoanisha kipengele A na B	45	5	2	4.11
Question 3	4	Ngeli za nomino	45	4	0	1.51
Question 4	4	Matumizi ya lugha	45	4	0	2.78
Question 5	8	Mjengo wa tungo	45	6	0	1.89
Question 6	8	Fasihi andishi (riwaya)	45	5	0	2.57
Question 7	8	Ufahamu na barua	45	6	0	3.56
Question 8	8	Uandishi wa barua	45	8	0	4.56
Question 9	15	Maendeleo ya kiswahili	45	14	0	8.56
Question 10	15	Fasihi andishi(ushairi)	45	12	0	2.19
Question 11	15	Fasihi andishi(riwaya)	45	13	0	1.63

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 12	15	Fasihi andishi(tamthilia)	45	14	0	4.99

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	45	0	41	4	3.6222	39/50	3/6	39/50

GRADE : A=0; B=1; C=19; D=21; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	45	10	1	6.53
Question 2	5	Matching items	45	4	0	2.24
Question 3	4	Arrangement of sentences	45	4	0	1.69
Question 4	4	The use of pronouns (possessive pronouns)	45	4	2	3.69
Question 5	8	Conjunctions	45	6	0	3.29
Question 6	8	Verb (auxiliary verb 'DO')	45	8	0	3.64
Question 7	8	Structure	45	8	0	3.73
Question 8	8	Reported speech	38	8	0	0.89
Question 9	15	Composition	35	10	0	5.74
Question 10	15	Poetry	22	9	0	4.86
Question 11	15	Plays	37	12	0	3.72
Question 12	15	Novels	42	13	0	8.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	45	0	30	15	4.1111	23/50	3/6	23/50

GRADE : A=0; B=0; C=10; D=20; F=15;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	45	9	2	5.20
Question 2	5	Matching items	45	5	0	2.04
Question 3	12	Short answers	45	8.5	0	3.29
Question 4	12	Arranging sentences	45	8	0	2.33
Question 5	11	Map question	45	11	0	4.94
Question 6	15	Nationalism and decolonization	45	13	0	4.04
Question 7	15	Economic activities and their impact	45	11.5	0	6.93
Question 8	15	Colonial economy	45	14	0	4.52
Question 9	15	Changes in social, political and economic policies	45	13	0	1.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	45	0	25	20	4.0000	9/50	3/6	9/50

GRADE : A=1; B=1; C=15; D=8; F=20;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	45	6	0	4.44
Question 2	6	Exponents, radicals and logarithms	45	6	0	1.60
Question 3	6	Sets and logarithms	45	4	0	0.97
Question 4	6	Coordinate geometry and vectors	44	6	0	0.49
Question 5	6	Areas and perimeters	45	6	0	2.04
Question 6	6	Rates and perimeters	45	6	0	4.51
Question 7	6	Ratio, profit and loss, accounts	45	4	0	0.44
Question 8	6	Sequence and series	45	6	0	1.20
Question 9	6	Trigonometry	45	6	0	2.02
Question 10	6	Quadratic equation	45	6	0	1.50
Question 11	10	Circles and statistics	45	10	0	2.87
Question 12	10	Three dimensional figures and Earth as sphere	45	10	0	5.04
Question 13	10	Matrices and transformation	45	10	0	4.11
Question 14	10	Linear programming and functions	45	10	0	3.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	45	0	38	7	3.8444	20/28	2/3	20/28

GRADE : A=0; B=0; C=14; D=24; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Multiple choices	45	16	6	10.29
Question 2	5	Matching items	45	3	0	1.11
Question 3	9	Genesis	45	7	0	5.21
Question 4	9	Acts of apostles	45	7	0	1.84
Question 5	9	Mathew	1	4.5	4.5	4.50

<b>NUMBER</b>	<b>MARKS</b>	<b>TOPIC / QUESTION DESCRIPTION</b>	<b>NO OF STUDENTS</b>	<b>HIGHEST SCORE</b>	<b>LOWEST SCORE</b>	<b>AVERAGE SCORE</b>
Question 6	9	Mathew	1	1	1	1.00
Question 7	9	Luke	42	9	0	5.06
Question 8	9	Luke	42	9	0	5.12
Question 9	9	Luke	41	5	0	2.02
Question 10	9	Luke	6	9	0	4.33
Question 11	15	Genesis	41	13	0	6.32
Question 12	15	Joshua	8	10.5	0	3.25
Question 13	15	Acts of apostles	35	9	0	3.27