



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

**CENTENARY SECONDARY SCHOOL**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	15	0	1	14	4.9333	46/50	9/9	46/50

GRADE : A=0; B=0; C=0; D=1; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	15	5	2	3.20
Question 2	5	Thermionic emission	15	5	0	2.20
Question 3	10	Newton's law's of motion	15	1	0	0.33
Question 4	10	Waves	14	0	0	0.00
Question 5	10	Transfer of thermal energy and heating effect of electricity	15	3	0	1.00
Question 6	10	Radioactivity	14	5	0	0.36
Question 7	10	Equilibrium	13	1	0	0.15
Question 8	10	Light part two	14	7	0	1.71
Question 9	12.5	Electronics	7	2	0	1.29
Question 10	12.5	Electronics	2	1.5	0	0.75
Question 11	12.5	Current electricity and electromagnetism	10	6	0	2.40
Question 12	12.5	Elementary astronomy and geophysics	12	7	3	5.33
<b>PAPER 2</b>						
Question 1	25	Mechanics (principle of moments)	15	19	4	8.53
Question 2	25	Light	15	18	1	10.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	17	0	7	10	4.5882	40/49	8/9	40/49

GRADE : A=0; B=0; C=0; D=7; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	17	6	1	3.53
Question 2	5	Compound of metals	17	5	1	2.35
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	17	2	1	1.06
Question 4	7	Water, mole concept	17	2.5	0	0.47
Question 5	7	Formula, bonding and nomenclature	17	3	0	0.53
Question 6	7	Non-metal and their compounds, Volumetric analysis	17	1	0	0.12
Question 7	7	Non-metals and their compounds	17	7	0	2.88
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	17	0	0	0.00
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	17	4	0	2.00
Question 10	7	Volumetric analysis	17	2	0	1.24
Question 11	7	Compound of metals	16	6	0	2.38
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	17	3	0	1.29
Question 13	15	Soil chemistry	4	1	0	0.25
Question 14	15	Pollution	15	12	0	6.47
<b>PAPER 2</b>						
Question 1	25	Volumetric analysis	17	23	5	10.24
Question 2	25	Chemical kinetics, equilibrium and energetics	17	14	6	10.12

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	31	0	30	1	3.3871	21/50	5/9	21/50

GRADE : A=0; B=0; C=20; D=10; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	30	9	1	5.53
Question 2	5	Matching items	30	5	0	1.73
Question 3	6	Introduction to biology	30	6	1	3.95
Question 4	6	Nutrition	30	6	0	2.23
Question 5	6	eproduction	30	1	0	0.03

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	30	3.5	0	1.80
Question 7	6	Genetics	30	6	0	1.22
Question 8	6	Movement	30	4	0	0.93
Question 9	6	Regulation	30	3	0	0.50
Question 10	6	Health and immunity, gaseous exchange	30	4	0	1.25
Question 11	6	Balance of nature	29	6	0	2.66
Question 12	6	Reproduction, HIV and STDs	29	6	0	4.05
Question 13	15	Health, immunity and disease	30	8	0	3.77
Question 14	10	Nutrition	30	8	0	4.67
Question 15	10	Reproduction in flowering plants	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	25	Coordination / Classification and reproduction	30	19	9	15.27
Question 2	25	Nutrition / Classification	30	25	17	22.63

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>GEOGRAPHY</b>	31	0	24	7	4.0323	32/50	6/9	32/50

**GRADE : A=0; B=0; C=6; D=18; F=7;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	31	6	0	2.81
Question 2	5	Forces that affect the Earth	31	4	0	1.39
Question 3	11	Map reading and interpretation	31	5.5	0	1.55
Question 4	11	Statistics	31	10.5	0	5.16
Question 5	11	Forces that affect the Earth, structure of the Earth	31	4	0	0.87
Question 6	11	Research	31	6	0	2.53
Question 7	11	Photograph reading and interpretation	29	9.5	3	6.97
Question 8	15	Human population	2	9	0	4.50
Question 9	15	Power and energy resources	31	13	6	9.71
Question 10	15	Environment issue and management	28	13	1	5.64

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>CIVICS</b>	31	0	29	2	3.5161	24/50	5/9	24/50

**GRADE : A=0; B=0; C=17; D=12; F=2;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	31	8	2	4.26
Question 2	5	Matching items	31	5	3	4.23
Question 3	5	Passage (democracy)	31	3.5	0.5	2.08
Question 4	5	Our nation	31	5	0	2.32
Question 5	5	Culture	31	5	1.5	2.92
Question 6	5	Culture	31	2.5	0	1.74
Question 7	5	Globalization	30	5	0	3.77
Question 8	5	Economic and social development	31	5	0	3.29
Question 9	5	Poverty	31	1.5	0	0.06
Question 10	5	Democracy	29	2	0	0.48
Question 11	15	Culture	31	14	0	8.45
Question 12	15	Poverty	30	11	0	4.83
Question 13	15	Globalization	23	14	0	7.52
Question 14	15	Human rights	7	12	0	8.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
<b>LITERATURE IN ENGLISH</b>	14	0	2	12	4.8571	23/24	3/3	23/24

**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	15	Multiple choice (theories)	14	4	0	1.57
Question 2	5	Matching items (theories)	14	3	0	1.00
Question 3	10	Literary devices (theories)	13	5	0	2.62
Question 4	10	Poem (poetry)	13	5	0	2.73
Question 5	10	Dramatic terms	7	4.5	0	1.21
Question 6	10	Language and literature	14	7	0	2.64
Question 7	15	Poetry	14	7	2	4.07
Question 8	15	Novel	0	0	0	0.00
Question 9	15	Play	14	11	1	4.79
Question 10	15	Novel	14	9	0	2.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	31	0	25	6	4.1290	44/50	8/9	44/50

GRADE : A=0; B=0; C=2; D=23; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	31	7	3	4.48
Question 2	5	Kuoanisha kipengele A na B	31	5	0	3.29
Question 3	4	Ngeli za nomino	31	4	0	1.77
Question 4	4	Matumizi ya lugha	28	4	0	1.71
Question 5	8	Mjengo wa tungo	31	3	0	0.10
Question 6	8	Fasihi andishi (riwaya)	31	6	0	2.65
Question 7	8	Ufahamu na barua	31	7	0	4.13
Question 8	8	Uandishi wa barua	31	8	0	3.10
Question 9	15	Maendeleo ya kiswahili	28	10	3	7.75
Question 10	15	Fasihi andishi(ushairi)	30	11	0	5.65
Question 11	15	Fasihi andishi(riwaya)	5	0	0	0.00
Question 12	15	Fasihi andishi(tamthilia)	28	8	0	2.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	30	0	28	2	3.6667	40/50	8/9	40/50

GRADE : A=0; B=0; C=12; D=16; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	30	8	2	4.83
Question 2	5	Matching items	30	3	0	1.00
Question 3	4	Arrangement of sentences	30	4	0	2.13
Question 4	4	The use of pronouns (possessive pronouns)	30	4	0	3.23
Question 5	8	Conjunctions	30	8	0	2.80
Question 6	8	Verb (auxiliary verb 'DO')	30	6	0	0.60
Question 7	8	Structure	30	8	0	1.07
Question 8	8	Reported speech	27	6	0	0.30
Question 9	15	Composition	19	9	6.6	7.51
Question 10	15	Poetry	16	13	2.5	7.00
Question 11	15	Plays	24	15	0	8.75
Question 12	15	Novels	30	15	4	11.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	30	0	28	2	3.7667	18/50	4/9	18/50

GRADE : A=0; B=0; C=9; D=19; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	30	7	2	4.50
Question 2	5	Matching items	30	5	0	4.23
Question 3	12	Short answers	30	4	0	1.42
Question 4	12	Arranging sentences	30	8	0	1.20
Question 5	11	Map question	30	10	0	5.38
Question 6	15	Nationalism and decolonization	30	9	0	5.38
Question 7	15	Economic activities and their impact	30	13.5	3	8.30
Question 8	15	Colonial economy	30	14	0	8.87
Question 9	15	Changes in social, political and economic policies	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	31	0	3	28	4.9032	38/50	6/9	38/50

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	31	6	0	4.23
Question 2	6	Exponents, radicals and logarithms	31	5.5	0	1.39
Question 3	6	Sets and logarithms	31	2	0	0.06
Question 4	6	Coordinate geometry and vectors	31	2.5	0	0.32
Question 5	6	Areas and perimeters	31	6	0	0.55
Question 6	6	Rates and perimeters	31	6	0	2.68
Question 7	6	Ratio, profit and loss, accounts	31	3	0	0.55
Question 8	6	Sequence and series	31	1	0	0.03
Question 9	6	Trigonometry	30	3	0	0.17
Question 10	6	Quadratic equation	31	0.5	0	0.03
Question 11	10	Circles and statistics	31	3	0	0.19
Question 12	10	Three dimensional figures and Earth as sphere	31	8	0	1.90

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 13	10	Matrices and transformation	31	6	0	1.06
Question 14	10	Linear programming and functions	30	9	0	0.97

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	28	0	17	11	4.3929	25/28	5/6	25/28

**GRADE : A=0; B=0; C=0; D=17; F=11;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Multiple choices	28	12	5	7.39
Question 2	5	Matching items	28	2	0	0.46
Question 3	9	Genesis	28	6	1	3.41
Question 4	9	Acts of apostles	27	7	0	3.41
Question 5	9	Mathew	14	2	0	1.00
Question 6	9	Mathew	8	6	0	2.25
Question 7	9	Luke	16	8	0	2.38
Question 8	9	Luke	25	7	0	4.98
Question 9	9	Luke	15	6	0	1.33
Question 10	9	Luke	1	6	6	6.00
Question 11	15	Genesis	27	11	4	8.02
Question 12	15	Joshua	14	7	0	1.14
Question 13	15	Acts of apostles	3	8	0	5.33