



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)**  
**CSSC EXAM FOR CHURCH SCHOOLS - EASTERN ZONE**  
**FORM FOUR PRE-NATIONAL EXAMINATION, AUGUST 2023**

**BIGWA SISTER SEMINARY**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
PHYSICS	36	0	5	31	4.8611	Grade F (Fail)

GRADE : A=0; B=0; C=0; D=5; F=31;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	36	6	0	3.47
Question 2	6	Motion in a straight line	36	4	0	1.58
Question 3	9	Simple machine, force	36	6	0	1.75
Question 4	9	Thermal expansion	35	5	0	1.46
Question 5	9	Structure and properties of matter, Archimedes principle and law of flotation	36	6	0.5	2.72
Question 6	9	Density and relative density in Archimedes principle	36	3	0	1.11
Question 7	9	Radioactivity. thermal expansion	35	5	0	0.80
Question 8	9	Newtons law of motion, scalar and vector, light part II	36	5	0	1.33
Question 9	15	Radioactivity	25	7	0	2.36
Question 10	15	Thermionic emission	30	8	0	3.57
Question 11	15	Electronics	14	3	0	0.64
<b>PAPER 2</b>						
Question 1	25		36	23	2	11.18
Question 2	25		36	15	1	6.07

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
CHEMISTRY	63	0	42	21	4.0794	Grade D (Satisfactory)

GRADE : A=0; B=0; C=16; D=26; F=21;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	9	Various topics	56	7	1	3.82
Question 2	6	Soil chemistry	56	6	0	3.75
Question 3	9	Energy and fuel, mole concept	56	5	0	0.96
Question 4	9	The theory of electrolysis	56	7	0	1.91
Question 5	9	Structure of an atom	56	9	0	2.18
Question 6	9	Periodic classification	56	8.5	1	5.17
Question 7	9	Non metal and their properties	56	6	0	2.45
Question 8	10	Organic chemistry	56	3	0	0.66
Question 9	15	Non metal and their properties	12	10	1	5.17
Question 10	15	Soil chemistry	49	14	2	12.33
Question 11	15	Matter	47	14	1	5.72
<b>PAPER 2</b>						
Question 1	25		63	24	5	11.41
Question 2	25		63	23	0	7.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
BIOLOGY	96	0	48	48	4.3021	Grade D (Satisfactory)

GRADE : A=0; B=1; C=17; D=30; F=48;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	96	9	1	5.10
Question 2	6	Balance of nature	96	6	0	3.25
Question 3	9	Gaseous exchange	96	7.5	0	2.64
Question 4	9	Genetics	96	7	0	0.26
Question 5	9	Coordination	96	6	0	0.40
Question 6	9	Reproduction	96	9	0	4.41
Question 7	9	Excretion	96	4.5	0	0.45
Question 8	9	Transport of materials	95	9	0	1.09
Question 9	15	Gaseous exchange	41	15	0	4.37
Question 10	15	Organic evolution	54	14	0	1.26

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 11	15	Health, immunity and diseases	92	15	0	2.34
<b>PAPER 2</b>						
Question 1	25		96	22	0	12.33
Question 2	25		96	22	0	12.86

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
<b>GEOGRAPHY</b>	96	0	51	45	4.3333	Grade D (Satisfactory)

**GRADE : A=0; B=0; C=13; D=38; F=45;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	96	7	0	3.33
Question 2	6	Various topics	96	6	0	2.53
Question 3	9	Photograph	96	7	1	4.09
Question 4	9	Statistics	96	7	0	1.87
Question 5	9	Physical geography	96	9	0	2.45
Question 6	9	Research	95	7	0	2.47
Question 7	9	Survey	94	7	0	1.60
Question 8	9	Map reading	96	7	0	2.26
Question 9	15	Human activities	68	13	0	6.65
Question 10	15	Water management	49	10	0	5.23
Question 11	15	Tourism	73	13	0	3.35

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
<b>CIVICS</b>	82	0	81	1	2.7561	Grade C (Good)

**GRADE : A=4; B=28; C=35; D=14; F=1;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	82	9	2	5.62
Question 2	6	Economic and social development	82	6	0	3.48
Question 3	9	Our nation	82	9	0	5.37
Question 4	9	Economic and social development	82	9	2	5.57
Question 5	9	Gender	82	9	0	6.38
Question 6	9	Promotion of life skills	82	9	0	5.35
Question 7	9	Poverty	82	8	0	5.32
Question 8	9	Promotion of life skills	82	7.5	0	4.24
Question 9	15	Human rights	6	8.5	3.5	5.83
Question 10	15	Promotion of life skills	81	14	3	11.72
Question 11	15	Responsible citizenship	74	14	0.5	5.06

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
<b>LITERATURE IN ENGLISH</b>	32	0	28	4	3.6875	Grade D (Satisfactory)

**GRADE : A=0; B=2; C=10; D=16; F=4;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	32	8	2	4.34
Question 2	6	Various topics	32	6	1	4.34
Question 3	9	Various topics	32	6	0	3.11
Question 4	9	Poem	32	8	1	5.50
Question 5	9	Theories of literature	32	9	0	3.73
Question 6	9	Theories of literature	32	7	0	3.91
Question 7	9	Defining terms	32	7	0	3.05
Question 8	9	Sayings	32	8	0	3.94
Question 9	15		12	9	1	5.54
Question 10	15		21	13	0	5.76
Question 11	15		30	13	1	6.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
<b>KISWAHILI</b>	96	0	36	60	4.5833	Grade D (Satisfactory)

**GRADE : A=0; B=0; C=4; D=32; F=60;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mbalimbali	96	9	1	4.09
Question 2	6	Maendeleo ya kiswahili	96	3	0	0.42
Question 3	8	Mawasiliano	96	8	0	2.68
Question 4	8	Utumizi wa lugha	95	8	0	1.43

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 5	8	Maendeleo ya kiswahili	96	5	0	0.25
Question 6	10	Mjengo wa tungo	95	10	0	2.92
Question 7	10	Mjengo wa tungo	96	10	0	1.16
Question 8	10	Uandishi wa matangazo	95	6.5	1	4.09
Question 9	15	Fasihi kwa ujumla	14	9	0	2.93
Question 10	15	Fasihi andishi	96	12	0	3.18
Question 11	15	Fasihi andishi	80	13	0.5	7.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
ENGLISH LANGUAGE	96	0	84	12	3.5625	Grade C (Good)

GRADE : A=0; B=8; C=38; D=38; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	96	8	0	3.51
Question 2	6	Conditional sentences	96	6	0	2.86
Question 3	9	Sentences	95	5	0	2.33
Question 4	9	Dictionary use	96	7	0	4.40
Question 5	9	Listening to and understanding simple oral texts	96	7	0	1.25
Question 6	9	Various topics	96	9	1	5.81
Question 7	9	Various topics	90	9	0	4.03
Question 8	9	Writing cards and messages	96	7	0	3.65
Question 9	15	Reading literary works	94	15	0	8.78
Question 10	15	Reading literary works	31	14	5	9.74
Question 11	15	Reading literary works	64	14	1	9.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
HISTORY	82	0	61	21	3.7927	Grade D (Satisfactory)

GRADE : A=1; B=3; C=29; D=28; F=21;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	82	7	0	3.83
Question 2	6	Development of social and political organization pre-colonial Africa	82	6	0	2.79
Question 3	9	Development of social and political organization pre-colonial Africa	82	9	0	4.05
Question 4	9	Establishment of colonialism	82	9	0	2.77
Question 5	9	Africa in international Affairs	82	9	0	4.63
Question 6	9	Early contact between Africa and external world	81	9	0	3.69
Question 7	9	Colonial social services	82	9	0	4.79
Question 8	9	Crisis in the capitalist system	80	9	0	2.24
Question 9	15	Establishment of colonialism	60	12	0	4.78
Question 10	15	Africa in international affairs	55	15	0	7.53
Question 11	15	Nationalism and decolonization	36	13	0	6.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
BASIC MATHEMATICS	90	0	11	79	4.8556	Grade F (Fail)

GRADE : A=0; B=0; C=2; D=9; F=79;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal, numbers	90	5	0	1.29
Question 2	6	Exponents, radicals, numbers I	90	5	0	1.16
Question 3	6	Sets, probability	90	5	0	1.07
Question 4	6	Coordinate II, vectors	90	6	0	0.79
Question 5	6	Area and perimeters, congruence and similarity	88	6	0	0.51
Question 6	6	Units, rates and variation	88	6	0	1.60
Question 7	6	Ratio, profit and loss, accounts	89	6	0	1.08
Question 8	6	Sequence and series	89	6	0	0.37
Question 9	6	Trigonometry	89	5	0	0.23
Question 10	6	Quadratic, algebra	89	6	0	0.55
Question 11	10	Statistics, circles	89	9	0	1.88
Question 12	10	Three dimensional, the Earth as a sphere	77	8	0	1.38
Question 13	10	Matrices and transformation	84	8.5	0	0.67
Question 14	10	Functions, linear programming	69	5	0	0.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
BIBLE KNOWLEDGE	96	0	92	4	3.2708	Grade C (Good)

GRADE : A=0; B=6; C=62; D=24; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	96	12	1	6.46
Question 2	5	Genesis	96	4	0	0.88
Question 3	9	Joshua	96	5	0	2.52
Question 4	9	Acts of the Apostles	96	7	0	3.22
Question 5	9	Gospel of Mathew	91	9	0	6.45
Question 6	9	Gospel of Mathew	20	7	0	2.40
Question 7	9	Gospel of Luke	54	9	0	5.02
Question 8	9	Gospel of Luke	49	9	0	1.27
Question 9	9	Gospel of Luke	81	9	0	7.00
Question 10	9	Gospal of Mathew	4	5	0	2.50
Question 11	15	Genesis	94	15	5	14.43
Question 12	15	Genesis	87	14	0	5.46
Question 13	15	Acts of teh Apostles	6	12	0	4.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	COMPENTENCY LEVEL
FOOD AND NUTRITION	59	0	59	0	2.3051	Grade B (Very Good)

GRADE : A=4; B=33; C=22; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	59	8	1	4.25
Question 2	6	Food and nutrition	59	5	0	2.51
Question 3	9	Fruits and vegetable	59	6	0	2.14
Question 4	9	Raising agents	58	9	0	1.63
Question 5	9	Meal planning	58	9	0	5.94
Question 6	9	Meat and fish	58	8	0	2.78
Question 7	9	Cereal, pulses and nuts	59	9	0	6.61
Question 8	9	Kitchen	59	8	0	4.60
Question 9	15	Food contamination	57	13	0	8.54
Question 10	15	Raising agent	5	9.5	0	6.00
Question 11	15	Cooking food	54	9	0	4.40
<b>PAPER 2</b>						
Question 1			59	97	65	87.03