



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)**  
**NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE**  
**FORM SIX PRE-NATIONAL EXAMINATIONS - 2023**

**Kandoto Girls Science Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	4	0	4	0	3.0000	1/32	1/20	2/2

GRADE : A=0; B=1; C=2; D=1; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	4	7.5	5	6.88
Question 2	10	Hyperbolic function	4	8	6	7.25
Question 3	10	Linear programming	4	10	8	9.00
Question 4	10	Statistics	4	7.5	6	6.50
Question 5	10	Sets	4	9.5	8	8.38
Question 6	10	Function	4	10	10	10.00
Question 7	10	Numerical method	4	6.5	4	5.63
Question 8	10	Coordinate geometry I	4	10	6	8.00
Question 9	10	Integration	4	10	0	5.75
Question 10	10	Differentiation	4	7.5	0	3.75
<b>PAPER 2</b>						
Question 1	15	Probability	4	12	11	11.75
Question 2	15	Logic	4	9	3	7.25
Question 3	15	Vector	4	6	5	5.50
Question 4	15	Complex number	4	15	5	11.00
Question 5	20	Trigonometric ratio	4	7	1	4.25
Question 6	20	Algebra	4	20	16	17.50
Question 7	20	Differentiation equation	4	0	0	0.00
Question 8	20	Coordinate geometry II	2	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	18	0	18	0	2.6111	1/30	1/18	1/1

GRADE : A=2; B=5; C=9; D=2; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	18	8	4	6.56
Question 2	10	Gravitation	18	9	0	3.28
Question 3	10	Circular motion, gravitation	17	10	2	8.41
Question 4	10	Projectile motion, Newton's law of motion	18	10	0	6.56
Question 5	10	Heat	18	10	2	6.69
Question 6	10	Heat	17	10	1.5	4.91
Question 7	10	Environmental physics	16	10	2	8.00
Question 8	15	Current electricity	18	10	7	9.56
Question 9	15	Electronics	18	15	2	8.06
Question 10	15	Electronics	1	0	0	0.00
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	18	16.5	9.5	13.92
Question 2	20	Waves	18	19	8.5	14.67
Question 3	20	Properties of materials (matter)	18	20	6	14.28
Question 4	20	Static electricity	18	18	0	12.00
Question 5	20	Electromagnetism	0	0	0	0.00
Question 6	20	Morden physics	18	20	6	16.39
<b>PAPER 3</b>						
Question 1	20	Mechanics	18	19	13	17.36
Question 2	15	Heat	18	12.5	6	10.03
Question 3	15	Current electricity	18	14	11	13.22

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	22	0	22	0	3.4091	1/32	1/18	1/1

GRADE : A=0; B=2; C=12; D=5; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	22	9	0	6.30
Question 2	10	Chemical bonding	22	10	3.5	7.45
Question 3	10	Gases	22	8	2	4.48
Question 4	10	Relative molecular masses in solution	22	10	0	4.98
Question 5	10	Inorganic (selected compounds of metals)	22	9	0	5.00
Question 6	10	Thermochemistry	22	7	0	2.64
Question 7	10	Chemical equilibrium	22	6.5	0	2.52
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	15	14.5	1	8.30
Question 9	15	Organic chemistry (aromatic hydrocarbons)	4	9	0	4.50
Question 10	15	Soil chemistry	21	14	4	10.10
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	22	10.5	4	7.57
Question 2	20	Chemical kinetics	14	10	1	6.82
Question 3	20	Buffer solution (Acid, base and salts)	15	18	8	12.33
Question 4	20	Periodic classification	22	20	7	15.55
Question 5	20	Transition elements	16	18	0	10.69
Question 6	20	Carbon compounds	21	20	4	13.76
<b>PAPER 3</b>						
Question 1	20	Redox titration	22	20	15	17.50
Question 2	15	Thermochemistry (energetic)	22	14	3	9.89
Question 3	15	Qualitative analysis	22	15	11	14.68

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	18	0	18	0	2.9444	1/31	1/17	1/1

GRADE : A=0; B=3; C=13; D=2; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	18	8	4	6.17
Question 2	10	Biochemistry	18	10	0	7.61
Question 3	10	Principles of classification	18	10	7	9.11
Question 4	10	Coordination	18	6	0	2.64
Question 5	10	Nutrition	18	3	0	0.78
Question 6	10	Reproduction	18	9	4	7.44
Question 7	10	Respiration and gaseous exchange	18	9	4	7.44
Question 8	15	Reproduction	0	0	0	0.00
Question 9	15	Transport of materials	18	9	0	3.50
Question 10	15	Respiration and gaseous exchange	15	14	10	11.93
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	18	19	10	14.78
Question 2	20	Evolution	18	12	1	6.94
Question 3	20	Genetics	2	20	20	20.00
Question 4	20	Growth and development	17	20	13	15.94
Question 5	20	Osmoregulation, homeostasis and excretion	17	18	4	10.94
Question 6	20	Ecology	18	19	8	15.50
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	18	20	16.5	18.28
Question 2	15	Cytology (biochemistry)	18	12	7	9.83
Question 3	15	Principles of classification	18	15	8	13.17

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	4	0	4	0	3.0000	1/39	1/23	1/2

GRADE : A=0; B=1; C=2; D=1; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	4	25	17	21.00
Question 2	15	Photograph	4	14	10	11.75
Question 3	15	Survey	0	0	0	0.00
Question 4	20	Dynamic earth and Consequences	1	18	18	18.00
Question 5	20	Soil	4	19	17	17.75
Question 6	20	Water Masses	4	8	5	5.75
Question 7	20	Space Dynamics	3	17	10	13.00
<b>PAPER 2</b>						
Question 1	20	Population	4	11	0	3.50
Question 2	20	Population	4	20	18	19.25
Question 3	20	Agriculture	1	15	15	15.00
Question 4	20	Tourism	4	14	5	9.50
Question 5	20	Industry	4	17	9	13.00
Question 6	20	Fishing	3	20	11	14.67
Question 7	20	Fuel and power	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	22	0	22	0	4.1818	18/39	13/23	1/2

GRADE : A=0; B=0; C=1; D=16; E=5; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	21	9.5	3	6.93
Question 2	20	Contemporary and cross cutting issues	8	13	8.5	10.75
Question 3	20	Democracy	22	16.5	7	11.95
Question 4	20	Contemporary and cross cutting issues	19	14	8	10.89
Question 5	20	Science and technology	6	16	12	14.67
Question 6	20	International affairs	21	14	6	11.12
Question 7	20	Globalization	13	15	8	10.85

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	18	0	16	2	4.3889	2/38	2/22	1/2

GRADE : A=0; B=3; C=2; D=4; E=5; S=2; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	18	10	3	8.92
Question 2	10	Functions	18	9	0	5.36
Question 3	10	Algebra	18	8	2	7.22
Question 4	10	Differentiation	17	8	0.5	4.76
Question 5	10	Integration	18	10	0	4.97
Question 6	10	Statistics	18	10	0	4.33
Question 7	10	Probability	18	7	0	2.39
Question 8	10	Trigonometry	18	10	0	2.19
Question 9	10	Exponential and logarithmic functions	18	9	0	4.06
Question 10	10	Matrices and linear programming	18	10	2	7.11