



# CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC) NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE FORM SIX PRE-NATIONAL EXAMINATION 2022

## Kandoto Girls Science Secondary School FORM SIX SUBJECTS PERFORMANCE REPORT - 2022

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	8	0	5	3	5.7500	9/31	6/18	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating devices	5	5	0	2.50
Question 2	10	Hyperbolic functions	7	6	1.5	2.29
Question 3	10	Linear programming	8	9	5	7.50
Question 4	10	Statistics	8	7.5	3	5.00
Question 5	10	Sets	8	10	2.5	6.06
Question 6	10	Functions	8	9.5	0	4.75
Question 7	10	Numerical methods	8	7	1.5	3.56
Question 8	10	Coordinate geometry 1	2	3	0	1.50
Question 9	10	Integration	2	0	0	0.00
Question 10	10	Differentiation	5	4.5	1.5	3.20
<b>PAPER 2</b>						
Question 1	15	Probability	8	3	0	0.38
Question 2	15	Logic	8	14	2	8.38
Question 3	15	Vectors	8	15	0	7.13
Question 4	15	Complex numbers	8	13	1.5	7.44
Question 5	20	Trigonometry	8	17.5	2.5	10.81
Question 6	20	Algebra	2	17	8	12.50
Question 7	20	Differential equations	6	8	2	5.00
Question 8	20	Coordinate geometry II	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	8	0	7	1	4.7500	4/30	4/18	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	8	10	5	7.25
Question 2	10	Newton's Laws and SHM	8	5.5	0	2.13
Question 3	10	Moment of gravitational force	8	9	5	6.69
Question 4	10	Gravitational force moment on inertia	8	7	0	3.50
Question 5	10	Heat	8	9	1	3.88
Question 6	10	Heat	8	8	1	3.25
Question 7	10	Environmental physics	8	10	4	8.00
Question 8	15	Current electricity	1	3.5	3.5	3.50
Question 9	15	Electronics	7	8	2	4.50
Question 10	15	Electronics	8	10	0	5.75
<b>PAPER 2</b>						
Question 1	20	Fluid mechanics	8	18	3.5	13.06
Question 2	20	Waves	8	15	0	6.75
Question 3	20	Properties of matter	8	14	0	7.38
Question 4	20	Electrostatics	7	6	1	3.00
Question 5	20	Electromagnetism	1	6	6	6.00
Question 6	20	Modern physics	8	20	2	12.38
<b>PAPER 3</b>						
Question 1	20	Mechanics	8	18	12.5	15.44
Question 2	15	Heat	8	11	7	9.50
Question 3	15	Current electricity	8	15	1.5	9.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	13	0	2	11	6.7692	5/32	5/18	5/1

GRADE : A=0; B=0; C=0; D=0; E=1; S=1; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Relative molecular mass in a solution	13	7	1	2.69
Question 2	10	Energetics	13	6.5	0	2.38
Question 3	10	Selected compound of metals	13	4.5	0	1.69
Question 4	10	Aliphatic hydrocarbon	10	3	0	1.30
Question 5	10	Chemical bonding	13	3	0	1.31
Question 6	10	Aromatic hydrocarbon, halo al vane	10	4.5	0	2.40
Question 7	10	Environmental chemistry	13	8.5	0	1.85
Question 8	15	Gases	5	4	0	2.00
Question 9	15	Equilibrium	13	7.5	2	4.65
Question 10	15	Atomic structure	7	6.5	1.5	3.50
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	13	12	0	4.27
Question 2	20	Electrochemistry, chemical kinetics	9	2	0	0.67
Question 3	20	Acid, base and salt, solubility and solubility product	12	10	0	5.25
Question 4	20	Redox classification, extraction of metal	13	16	4	9.69
Question 5	20	Transition metal	11	4.5	0	2.45
Question 6	20	Carbon compounds, carboxylic acid, amine	7	7	0	2.64
<b>PAPER 3</b>						
Question 1	20	Acid - base titration	13	15	6	10.15
Question 2	15	Solubility	13	3.5	0	1.04
Question 3	15	Qualitative analysis	13	13	6	8.54

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	10	0	10	0	3.9000	5/31	4/17	1/1

GRADE : A=0; B=1; C=3; D=2; E=4; 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	10	7	2	4.40
Question 2	10	Biochemistry	10	8.5	3.5	5.80
Question 3	10	Principle of classification	10	10	2	7.50
Question 4	10	Nutrition	10	10	2	6.70
Question 5	10	Gaseous exchange and respiration	10	9	0	2.10
Question 6	10	Coordination	10	10	2	6.90
Question 7	10	Reproduction	10	10	0	2.20
Question 8	15	Reproduction	5	9.5	3.5	6.60
Question 9	15	Gaseous exchange and respiration	10	13	8	9.60
Question 10	15	Transport of materials	5	9	5	7.20
<b>PAPER 2</b>						
Question 1	20	Comparative studies of natural groups	8	17	6	11.25
Question 2	20	Growth and development	9	16	6	10.22
Question 3	20	Excretion, osmoregulation and homeostasis	7	16	4	9.71
Question 4	20	Genetics	7	16	1	10.14
Question 5	20	Evolution	10	14	5	9.70
Question 6	20	Ecology	9	9	3	6.67
<b>PAPER 3</b>						
Question 1	20	Comparative studies of natural groups	10	18	13	15.30
Question 2	15	Comparative studies of natural groups	10	14.5	2.5	11.50
Question 3	15	Cytology	10	15	11	13.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	11	0	11	0	3.0909	9/40	6/23	1/2

GRADE : A=0; B=1; C=9; D=0; E=1; 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	Map reading and interpretation	11	15	5	12.45
Question 2	15	Elementary survey	0	0	0	0.00
Question 3	15	Photograph reading and interpretation	11	11	7	9.09
Question 4	20	Water masses	11	14	7	10.45
Question 5	20	Space dynamics	1	19	19	19.00
Question 6	20	Space dynamics	11	18	11	14.45
Question 7	20	Soil	10	18	6	13.45
<b>PAPER 2</b>						
Question 1	20	Population and development	11	16	7	12.55
Question 2	20	Population and development	8	17	1	11.94
Question 3	20	Mining industry	7	16	13	14.43
Question 4	20	Agriculture	7	18	12	14.86
Question 5	20	Tourism industry	2	11	8	9.50
Question 6	20	Manufacturing industry	9	18	12	15.89
Question 7	20	Forest resources	11	16	12	14.27

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	18	0	18	0	2.5000	9/40	4/23	2/2

GRADE : A=1; B=8; C=8; D=1; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	18	17	13	15.14
Question 2	20	Cross-cutting issues in Tanzania	18	17	13	15.11
Question 3	20	Science and technology in development	18	17	10.5	13.83
Question 4	20	Democratic process and practice	16	14	5	12.25
Question 5	20	International co-operation	5	18.5	14	15.90
Question 6	20	International co-operation	9	17	8	12.11
Question 7	20	Life skills	6	14	4	9.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	10	0	5	5	5.7000	11/38	8/22	2/2

GRADE : A=1; B=0; C=0; D=1; E=1; S=2; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	10	10	1.5	6.90
Question 2	10	Functions	10	10	0	4.20
Question 3	10	Algebra	10	8	0	2.25
Question 4	10	Differentiation	10	10	1	4.45
Question 5	10	Integration	10	5	0	1.95
Question 6	10	Statistics	10	10	4.5	7.85
Question 7	10	Probability	10	6	0	3.65
Question 8	10	Trigonometry	7	8	0	3.57
Question 9	10	Exponential and logarithmic function	9	7.5	0	2.11
Question 10	10	Matrix	10	10	1	3.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	4	0	4	0	4.2500	19/33	13/22	2/2

GRADE : A=0; B=0; C=0; D=3; E=1; 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	The subject matter of economics	4	9	3	6.25
Question 2	10	Population	4	6	2	4.75
Question 3	20	Production	4	19.8	8.3	16.93
Question 4	20	Demand and supply	0	0	0	0.00
Question 5	20	Theories of firm	4	17.5	0	12.50
Question 6	20	Environmental economics	1	15.5	15.5	15.50
Question 7	20	Theories of money	3	5.5	3.5	4.33
Question 8	20	Employment and unemployment	4	11	5	7.38
<b>PAPER 2</b>						
Question 1	10	Economic growth and development	4	10	10	10.00
Question 2	10	Economic integration	4	10	10	10.00
Question 3	20	National income	2	14	5.8	9.90
Question 4	20	Financial institutions	3	9	7	8.33
Question 5	20	International trade	3	11.5	9	10.17
Question 6	20	Economic structure of Tanzania	4	11.5	1	5.63
Question 7	20	Economic planning	4	10.5	5.5	7.38
Question 8	20	Financial institutions	0	0	0	0.00