



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
FORM FOUR NORTHERN ZONE JOINT EXAMS SYNDICATE (NZJES)
AUGUST 2023

KIRUA SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	27	0	10	17	4.5556	77/95	49/61	27/34

GRADE : A=0; B=0; C=2; D=8; F=17;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	26	7	1	4.31
Question 2	6	Optical instruments	26	5	0	1.92
Question 3	9	Thermal expansion, vectors	26	2	0	0.46
Question 4	9	Waves, equilibrium and Archimedes principles	26	7	0	1.42
Question 5	9	Pressure, light (mirror)	26	6	0	2.15
Question 6	9	Static electricity, current electricity	26	8	0	3.48
Question 7	9	Sustainable energy sources, Newtons	26	7	0	4.42
Question 8	9	Electromagnetism, light	26	7	0	1.35
Question 9	15	Waves, heat	19	6	0	1.68
Question 10	15	Radioactivity, electronics	6	10	0	3.33
Question 11	15	Astronomy, friction, light	26	4	0	1.31
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	27	16.5	1.5	4.83
Question 2	25	Light (glass block) / Light (plane mirror)	27	20	4	13.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	28	0	27	1	3.1429	48/99	29/63	16/34

GRADE : A=0; B=4; C=17; D=6; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	28	8	2	5.39
Question 2	6	Electrolysis and ionic theory	28	6	1	3.86
Question 3	9	Laboratory safety	28	9	0	4.82
Question 4	9	Energy and fuel	28	8	2	6.86
Question 5	9	Extraction of metals	28	6	0	4.14
Question 6	9	Chemical kinetics and equilibrium	28	7	0	2.86
Question 7	9	Electrolysis and ionic theory	25	8	0	2.64
Question 8	9	Matter, air, combustion and rusting	27	9	2	6.78
Question 9	15	Organic chemistry	1	0	0	0.00
Question 10	15	Pollution	26	15	2	4.12
Question 11	15	Hardness of water, formulae, bonding and nomenclature	25	8	0	4.64
PAPER 2						
Question 1	25	Volumetric analysis	28	25	5	15.89
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	28	22	0	13.39

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	53	0	37	16	3.9434	86/100	52/63	31/34

GRADE : A=0; B=1; C=17; D=19; F=16;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	53	9	1	3.83
Question 2	6	Various topics	53	6	0	3.09
Question 3	9	Safety in our environment	53	6	0	1.47
Question 4	9	Nutrition	53	9	0	3.70
Question 5	9	Growth and development	53	4	0	0.62
Question 6	9	Balance of nature	53	8	0	3.91
Question 7	9	Regulation	53	7.5	0	2.12
Question 8	9	Transport of materials in living organism	53	4	0	0.62
Question 9	15	Healthy and immunity and diseases	53	13	0	5.72
Question 10	15	Evolution	26	15	0	7.42
Question 11	15	Genetics , variation	12	4	0	0.46
PAPER 2						

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	25	Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism	53	20.5	0	13.11
Question 2	25	Classification of living organism	53	22.5	9	14.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	53	0	40	13	3.6981	74/100	45/63	24/34

GRADE : A=0; B=4; C=21; D=15; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	53	8	0	4.08
Question 2	6	Matching items	53	5	0	2.30
Question 3	12	Map reading and Map interpretation	53	10.5	0.5	4.78
Question 4	10	Application of statistics	48	9	0	2.56
Question 5	9	Elementary survey and map making	53	9	0	5.69
Question 6	11	Introduction to research	50	10	0	4.24
Question 7	12	Photograph reading and interpretation	53	12	3	8.49
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	52	14	0	7.97
Question 10	15	Human Population	45	12	0	3.53
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	53	0	46	7	2.9623	77/100	47/63	25/34

GRADE : A=3; B=17; C=19; D=7; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	53	9	2	5.49
Question 2	6	Various topics	53	6	0	3.08
Question 3	9	Poverty	52	9	0	5.31
Question 4	9	Culture	51	9	1	7.06
Question 5	9	Economic and social development	52	9	0	5.38
Question 6	9	Economic and social development	53	9	0	7.49
Question 7	9	Government of Tanzania	53	9	0	3.81
Question 8	9	Family life	53	9	0	5.26
Question 9	15	Economic and social development	10	4	0	0.90
Question 10	15	Road safety education	47	12	0	3.59
Question 11	15	Promotion of life skills	47	14	0	9.14

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
LITERATURE IN ENGLISH	33	0	29	4	3.7879	46/53	33/35	28/28

GRADE : A=0; B=0; C=11; D=18; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	33	6	1	3.45
Question 2	6	matching items	33	5	1	2.91
Question 3	9	Theory of literature	32	2	0	0.19
Question 4	9	Theory of literature	33	6	0	4.11
Question 5	9	Poems	33	9	0	3.71
Question 6	9	Poetry/Poems	33	6	0	2.76
Question 7	9	Reading literary works	33	6	0	3.09
Question 8	9	Reading literary works	33	9	0	2.55
Question 9	15	Play, reading literary works	31	12	0	8.35
Question 10	15	Novels, reading literary works	20	10	6	7.90
Question 11	15	Reading literary work (Selected poems)	15	11.5	5	8.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	53	0	50	3	3.5472	62/100	37/63	22/34

GRADE : A=0; B=2; C=23; D=25; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	53	8	1	4.81
Question 2	6	Ufahamu	53	6	0	3.40
Question 3	9	Uundaji wa maneno	53	7	0	2.45
Question 4	9	Tungo	53	9	0	1.77
Question 5	9	Aina za maneno	53	4	0	0.98

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Utungaji	53	8	1	5.77
Question 7	9	Maendeleo ya kiswahili	53	8	0	0.92
Question 8	9	Uhakiki	53	9	0	6.68
Question 9	15	Fasihi kwa ujumla	49	13	0	5.98
Question 10	15	Uhakiki wa fasihi	12	13	0	7.50
Question 11	15	Uhakiki wa fasihi	45	14	4	11.84

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	53	0	30	23	4.2264	76/100	48/63	27/34

GRADE : A=0; B=1; C=9; D=20; F=23;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	53	9	1	4.47
Question 2	6	Various topics	53	6	1	3.30
Question 3	9	Tenses	50	6	0	0.18
Question 4	9	Structure	53	9	0	3.72
Question 5	9	Writing	53	6	0	3.94
Question 6	9	Vocabularies	52	9	1	4.63
Question 7	9	Articles	44	9	0	2.66
Question 8	9	Inversions	50	9	0	0.50
Question 9	15	Reading literary works	42	11	0	3.02
Question 10	15	Reading literary works	24	14	0	7.96
Question 11	15	Reading literary works	32	14	0	5.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	53	0	39	14	3.8679	86/100	53/63	29/34

GRADE : A=0; B=2; C=17; D=20; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	53	6	0	3.17
Question 2	6	Various topics	53	6	0	3.87
Question 3	9	Various topics	52	7.5	0	4.26
Question 4	9	A scramble for and partition of Africa	53	9	0	4.53
Question 5	9	Map of Africa which show the resistance	51	7	0	3.26
Question 6	9	Slave trade in the Indian ocean	53	3	0	0.61
Question 7	9	Resistance	51	6.5	0	3.56
Question 8	9	Colonial administrative system	52	9	0	2.20
Question 9	15	Evolution of man, environment, technology	48	13	0	8.92
Question 10	15	Colonial economy	39	14	0	5.88
Question 11	15	Africa and external World	13	13	0	2.77

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
COMMERCE	9	0	6	3	4.1111	34/47	24/31	13/16

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	9	5	0	3.11
Question 2	6	Various topics	9	3	0	0.56
Question 3	9	Intrepreneurship	8	9	0	5.75
Question 4	9	Business unit	9	5	0	0.94
Question 5	9	International trade	9	5	0	1.56
Question 6	9	Insurance	9	4	0	2.22
Question 7	9	Ware housing	8	3	0	0.38
Question 8	9	Commerce basics	9	5	0	2.33
Question 9	15	Entrepreneurship	3	4	1	2.67
Question 10	15	Taxation	7	12	2	8.43
Question 11	15	Transportation	8	13	6	10.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	53	0	4	49	4.9245	66/100	42/63	22/34

GRADE : A=0; B=0; C=0; D=4; F=49;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	53	4	0	0.91
Question 2	6	Fractions,logarithms	53	2	0	0.04

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 3	6	Sets,Probability	53	3	0	0.13
Question 4	6	Coordinate Geometry, Vector	53	3	0	0.28
Question 5	6	Geometry, areas and perimeter	53	6	0	0.66
Question 6	6	Rates and variations, Ratios, profit and loss	53	6	0	1.20
Question 7	6	Ratios, profit and loss, accounts	52	4	0	0.46
Question 8	6	Sequence and series	53	3	0	0.53
Question 9	6	Trigonometry	52	5	0	0.63
Question 10	6	Quadratic equation, algebra	52	6	0	0.90
Question 11	10	Circle,statistics	53	8	0	2.06
Question 12	10	Three dimension figures,Earth as the sphere	53	8	0	1.98
Question 13	10	Matrices and transportation	53	5	0	1.34
Question 14	10	Linear programming,function	51	8	0	1.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BOOK KEEPING	8	0	1	7	4.8750	41/46	28/30	15/16

GRADE : A=0; B=0; C=0; D=1; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	8	5	0	2.00
Question 2	5	Bank reconciliation statement	8	4	0	1.50
Question 3	10	Columnar cash book	8	2	0	0.25
Question 4	10	Introduction to book keeping	8	0	0	0.00
Question 5	10	Adjustment	8	5	0	1.44
Question 6	10	Correction of book keeping errors	8	5	0	2.38
Question 7	15	Non profit making organization	8	11	0	2.00
Question 8	15	Control accounts	8	12	7	8.63
Question 9	15	Consignments	8	4	0	1.63