



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

NATIRO SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	20	0	10	10	4.4000	69/95	41/61	9/11

GRADE : A=0; B=0; C=2; D=8; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	18	8	2	4.72
Question 2	6	Optical instruments	18	6	0	3.06
Question 3	9	Thermal expansion, vectors	17	3	0	0.35
Question 4	9	Waves, equilibrium and Archimedes principles	18	6	0	2.06
Question 5	9	Pressure, light (mirror)	18	7	0	1.53
Question 6	9	Static electricity, current electricity	18	1.5	0	0.19
Question 7	9	Sustainable energy sources, Newtons	18	9	0	4.17
Question 8	9	Electromagnetism, light	18	5	0	1.44
Question 9	15	Waves, heat	15	12	0	2.60
Question 10	15	Radioactivity, electronics	3	6	0	2.00
Question 11	15	Astronomy, friction, light	17	9	0	4.00
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	17	25	2	11.97
Question 2	25	Light (glass block) / Light (plane mirror)	17	20	3	13.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	19	0	14	5	4.0526	93/99	61/63	10/11

GRADE : A=0; B=0; C=4; D=10; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	19	7	0	4.42
Question 2	6	Electrolysis and ionic theory	19	6	1	4.16
Question 3	9	Laboratory safety	19	7	1	4.18
Question 4	9	Energy and fuel	19	9	4.5	6.21
Question 5	9	Extraction of metals	19	8	0	5.26
Question 6	9	Chemical kinetics and equilibrium	19	7	0	3.08
Question 7	9	Electrolysis and ionic theory	19	7	0	2.26
Question 8	9	Matter, air, combustion and rusting	19	9	0	4.47
Question 9	15	Organic chemistry	3	3	0	1.33
Question 10	15	Pollution	18	3	0	2.00
Question 11	15	Hardness of water, formulae, bonding and nomenclature	16	9	0	4.19
PAPER 2						
Question 1	25	Volumetric analysis	18	12	1	6.81
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	18	19	0	8.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	40	0	26	14	3.9750	88/100	54/63	8/11

GRADE : A=0; B=3; C=9; D=14; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	39	9	1	4.13
Question 2	6	Various topics	39	6	0	2.36
Question 3	9	Safety in our environment	39	9	2	3.77
Question 4	9	Nutrition	39	9	0	6.08
Question 5	9	Growth and development	37	6	0	0.81
Question 6	9	Balance of nature	39	5	0	1.87
Question 7	9	Regulation	39	9	0	2.19
Question 8	9	Transport of materials in living organism	39	8	0	1.88
Question 9	15	Healthy and immunity and diseases	34	13	0	6.71
Question 10	15	Evolution	20	14	0	6.28
Question 11	15	Genetics , variation	19	10	0	2.50
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	40	21.5	1	10.00
Question 2	25	Classification of living organism	40	23	6.5	15.18

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	40	0	34	6	3.7000	75/100	46/63	8/11

GRADE : A=0; B=2; C=14; D=18; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	40	8	1	4.35
Question 2	6	Matching items	40	4	0	2.10
Question 3	12	Map reading and Map interpretation	40	7	0	2.48
Question 4	10	Application of statistics	40	8	0	2.33
Question 5	9	Elementary survey and map making	39	9	0	6.24
Question 6	11	Introduction to research	39	11	0	7.33
Question 7	12	Photograph reading and interpretation	40	12	3	7.20
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	39	15	0	4.82
Question 10	15	Human Population	24	11	0	3.04
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	12	14	3	10.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	40	0	38	2	2.6750	67/100	41/63	6/11

GRADE : A=10; B=5; C=15; D=8; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	40	10	3	6.23
Question 2	6	Various topics	40	5	0	2.28
Question 3	9	Poverty	37	9	0	5.68
Question 4	9	Culture	40	9	0	8.43
Question 5	9	Economic and social development	39	9	0	5.00
Question 6	9	Economic and social development	40	9	0	7.73
Question 7	9	Government of Tanzania	40	9	0	2.45
Question 8	9	Family life	39	9	0	7.51
Question 9	15	Economic and social development	27	14	0	8.19
Question 10	15	Road safety education	32	13	0	5.67
Question 11	15	Promotion of life skills	22	13	0	6.41

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	40	0	37	3	3.7250	75/100	44/63	6/11

GRADE : A=0; B=0; C=14; D=23; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	40	8	2	4.40
Question 2	6	Ufahamu	40	6	2	3.28
Question 3	9	Uundaji wa maneno	40	4	0	0.95
Question 4	9	Tungo	40	9	0	1.75
Question 5	9	Aina za maneno	40	6	0	1.35
Question 6	9	Utungaji	40	7	4	5.68
Question 7	9	Maendeleo ya kiswahili	40	6	0	1.55
Question 8	9	Uhakiki	40	9	2	6.65
Question 9	15	Fasihi kwa ujumla	31	11	0	5.18
Question 10	15	Uhakiki wa fasihi	13	13	0	5.15
Question 11	15	Uhakiki wa fasihi	36	14	0	10.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	39	0	15	24	4.4615	88/100	55/63	9/11

GRADE : A=0; B=0; C=6; D=9; F=24;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	39	6	0	3.10
Question 2	6	Various topics	39	6	0	2.49
Question 3	9	Tenses	38	9	0	0.95
Question 4	9	Structure	39	9	0	3.85
Question 5	9	Writing	39	6	0	4.21

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Vocabularies	39	7	1	4.18
Question 7	9	Articles	32	9	0	1.13
Question 8	9	Inversions	39	3	0	0.08
Question 9	15	Reading literary works	36	15	0	4.03
Question 10	15	Reading literary works	14	9	0	3.00
Question 11	15	Reading literary works	27	14	0	5.41

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	40	0	27	13	4.1750	95/100	60/63	11/11

GRADE : A=0; B=0; C=6; D=21; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	40	5	0	3.25
Question 2	6	Various topics	40	6	2	3.65
Question 3	9	Various topics	38	6	0	4.26
Question 4	9	A scramble for and partition of Africa	40	9	0	4.09
Question 5	9	Map of Africa which show the resistance	40	6	0	2.65
Question 6	9	Slave trade in the Indian ocean	40	0	0	0.00
Question 7	9	Resistance	39	7	0	1.13
Question 8	9	Colonial administrative system	40	8	0	2.45
Question 9	15	Evolution of man, environment, technology	39	14	1	9.81
Question 10	15	Colonial economy	26	11	0	4.56
Question 11	15	Africa and external World	12	6.5	0	1.42

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
COMMERCE	12	0	9	3	4.0000	33/47	23/31	2/4

GRADE : A=0; B=0; C=3; D=6; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	12	8	2	4.17
Question 2	6	Various topics	12	4	0	2.17
Question 3	9	Intrepreneurship	12	9	0	5.25
Question 4	9	Business unit	10	7	0	1.30
Question 5	9	International trade	12	9	0	2.83
Question 6	9	Insurance	11	9	0	6.91
Question 7	9	Ware housing	10	0	0	0.00
Question 8	9	Commerce basics	10	5	0	2.20
Question 9	15	Entrepreneurship	8	12	4	7.13
Question 10	15	Taxation	4	7	0	3.00
Question 11	15	Transportation	10	11	4	8.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	40	0	2	38	4.9500	75/100	48/63	8/11

GRADE : A=0; B=0; C=0; D=2; F=38;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	40	6	0	1.08
Question 2	6	Fractions,logarithms	40	3	0	0.15
Question 3	6	Sets,Probability	40	3	0	0.19
Question 4	6	Coordinate Geometry, Vector	40	3	0	0.68
Question 5	6	Geometry, areas and perimeter	40	3	0	0.13
Question 6	6	Rates and variations, Ratios, profit and loss	40	6	0	1.20
Question 7	6	Ratios, profit and loss, accounts	40	5	0	1.48
Question 8	6	Sequence and series	40	1	0	0.13
Question 9	6	Trigonometry	40	1.5	0	0.06
Question 10	6	Quadratic equation, algebra	40	2	0	0.23
Question 11	10	Circle,statistics	40	9	0	2.85
Question 12	10	Three dimension figures,Earth as the sphere	40	3	0	0.54
Question 13	10	Matrices and transportation	40	10	0	1.50
Question 14	10	Linear programming,function	40	1	0	0.16

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BOOK KEEPING	13	0	3	10	4.6923	40/46	27/30	3/3

GRADE : A=0; B=0; C=1; D=2; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	13	5	1	2.54
Question 2	5	Bank reconciliation statement	13	5	1	3.00
Question 3	10	Columnar cash book	13	4	0	1.00
Question 4	10	Introduction to book keeping	13	6	0	1.23
Question 5	10	Adjustment	13	9	0	2.92
Question 6	10	Correction of book keeping errors	13	6	0	1.62
Question 7	15	Non profit making organization	13	5	0	1.00
Question 8	15	Control accounts	13	14	0	7.85
Question 9	15	Consignments	13	6	0	2.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	24	0	24	0	2.6667	41/59	21/30	5/10

GRADE : A=3; B=5; C=13; D=3; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	24	19	8	13.46
Question 2	5	Various topics	24	5	2	3.21
Question 3	9	Genesis - The tower of Babel	24	9	0	6.75
Question 4	9	Acts of the Apostles	23	7	0	2.78
Question 5	9	Genesis	15	9	2	4.93
Question 6	9	Mathew	9	9	4	7.33
Question 7	9	Luke	9	9	2	5.11
Question 8	9	Luke	14	9	0	6.14
Question 9	9	Acts of the Apostles	21	9	0	6.10
Question 10	9	Judges	3	4	0	2.33
Question 11	15	Acts of the Apostles	17	14	4	10.59
Question 12	15	Judges	20	11	0	8.05
Question 13	15	Acts of the Apostles	6	12	1	7.83