



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

MADUNGA SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	17	0	16	1	3.7647	36/95	5/6	6/7

GRADE : A=0; B=0; C=5; D=11; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	17	8	3	5.53
Question 2	6	Optical instruments	17	6	0	2.53
Question 3	9	Thermal expansion, vectors	17	4	0	0.76
Question 4	9	Waves, equilibrium and Archimedes principles	17	3	0	1.53
Question 5	9	Pressure, light (mirror)	17	7	0	3.47
Question 6	9	Static electricity, current electricity	17	5	0	0.71
Question 7	9	Sustainable energy sources, Newtons	17	8	0	5.21
Question 8	9	Electromagnetism, light	17	7.5	0	2.44
Question 9	15	Waves, heat	14	12	0	3.86
Question 10	15	Radioactivity, electronics	7	6	0	1.00
Question 11	15	Astronomy, friction, light	13	5	0.5	3.04
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	17	23	4	12.21
Question 2	25	Light (glass block) / Light (plane mirror)	17	23	13	20.18

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	30	0	30	0	3.0333	40/99	4/7	4/8

GRADE : A=1; B=2; C=22; D=5; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	30	10	3	6.33
Question 2	6	Electrolysis and ionic theory	30	6	1	3.93
Question 3	9	Laboratory safety	30	9	1	5.70
Question 4	9	Energy and fuel	30	9	4	7.33
Question 5	9	Extraction of metals	30	9	3	5.23
Question 6	9	Chemical kinetics and equilibrium	30	9	0	3.37
Question 7	9	Electrolysis and ionic theory	30	9	0	4.65
Question 8	9	Matter, air, combustion and rusting	29	9	5	7.34
Question 9	15	Organic chemistry	3	13	2.5	6.17
Question 10	15	Pollution	28	11	1	3.11
Question 11	15	Hardness of water, formulae, bonding and nomenclature	30	12	2	7.23
PAPER 2						
Question 1	25	Volumetric analysis	30	22	4	11.95
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	30	22	0	14.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	30	0	30	0	2.7000	26/100	2/7	4/8

GRADE : A=1; B=9; C=18; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	30	8	2	5.13
Question 2	6	Various topics	30	5	0	2.33
Question 3	9	Safety in our environment	30	5.5	1	3.57
Question 4	9	Nutrition	30	9	2	7.43
Question 5	9	Growth and development	30	8	0	3.78
Question 6	9	Balance of nature	30	5.5	0	2.38
Question 7	9	Regulation	30	9	0	4.80
Question 8	9	Transport of materials in living organism	29	8	0	3.22
Question 9	15	Healthy and immunity and diseases	28	14	2.5	10.54
Question 10	15	Evolution	14	15	0	10.32
Question 11	15	Genetics , variation	17	15	0	8.82
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	30	23	4	15.20
Question 2	25	Classification of living organism	30	23.5	15.5	20.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	30	0	30	0	2.5333	11/100	1/7	1/8

GRADE : A=3; B=10; C=15; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	30	8	3	5.30
Question 2	6	Matching items	30	6	0	1.90
Question 3	12	Map reading and Map interpretation	30	10	3	6.23
Question 4	10	Application of statistics	28	10	0	4.50
Question 5	9	Elementary survey and map making	30	9	6	8.40
Question 6	11	Introduction to research	30	11	6	9.57
Question 7	12	Photograph reading and interpretation	30	12	4	8.03
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	30	14	2	13.12
Question 10	15	Human Population	13	9	0	3.92
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	17	14	0	7.12

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	30	0	30	0	1.8667	29/100	2/7	4/8

GRADE : A=13; B=9; C=7; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	30	9	2	6.73
Question 2	6	Various topics	30	5	1	3.07
Question 3	9	Poverty	30	9	0	5.97
Question 4	9	Culture	30	9	8	8.97
Question 5	9	Economic and social development	30	9	0	8.10
Question 6	9	Economic and social development	30	9	8	8.93
Question 7	9	Government of Tanzania	30	9	0	5.80
Question 8	9	Family life	30	9	3	8.53
Question 9	15	Economic and social development	10	12	0	6.30
Question 10	15	Road safety education	27	12	0	4.02
Question 11	15	Promotion of life skills	23	14	1	10.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	30	0	30	0	3.3333	38/100	2/7	4/8

GRADE : A=0; B=0; C=20; D=10; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	30	8	3	5.40
Question 2	6	Ufahamu	30	6	2	3.83
Question 3	9	Uundaji wa maneno	30	6	0	3.13
Question 4	9	Tungo	30	6	0	0.57
Question 5	9	Aina za maneno	29	4	0	1.66
Question 6	9	Utungaji	30	8	3	6.00
Question 7	9	Maendeleo ya kiswahili	30	7	0	2.13
Question 8	9	Uhakiki	30	8	5	6.90
Question 9	15	Fasihi kwa ujumla	29	11	0	4.84
Question 10	15	Uhakiki wa fasihi	4	14	6	9.00
Question 11	15	Uhakiki wa fasihi	27	14	1	13.15

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	30	0	23	7	3.8333	59/100	3/7	5/8

GRADE : A=0; B=0; C=12; D=11; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	30	9	2	5.23
Question 2	6	Various topics	30	6	1	4.13
Question 3	9	Tenses	30	6	0	0.40
Question 4	9	Structure	30	9	0	4.17
Question 5	9	Writing	30	6	2	4.73

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Vocabularies	30	8	2	5.70
Question 7	9	Articles	30	6	0	1.80
Question 8	9	Inversions	30	6	0	1.60
Question 9	15	Reading literary works	29	13	0	3.83
Question 10	15	Reading literary works	27	14	1	9.48
Question 11	15	Reading literary works	3	2	0	0.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	30	0	30	0	2.7667	19/100	1/7	2/8

GRADE : A=1; B=8; C=18; D=3; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	30	7	1	3.60
Question 2	6	Various topics	30	6	3	4.67
Question 3	9	Various topics	30	9	3	6.33
Question 4	9	A scramble for and partition of Africa	30	9	0	6.65
Question 5	9	Map of Africa which show the resistance	30	6	0	3.73
Question 6	9	Slave trade in the Indian ocean	30	9	1	5.52
Question 7	9	Resistance	30	7	0	1.77
Question 8	9	Colonial administrative system	30	9	1	5.50
Question 9	15	Evolution of man, environment, technology	28	14	6.5	11.30
Question 10	15	Colonial economy	24	13.5	0	9.31
Question 11	15	Africa and external World	8	14	6	10.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	30	0	3	27	4.8667	56/100	4/7	5/8

GRADE : A=0; B=0; C=1; D=2; F=27;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	30	4	0	1.50
Question 2	6	Fractions,logarithms	30	0	0	0.00
Question 3	6	Sets,Probability	30	1	0	0.03
Question 4	6	Coordinate Geometry, Vector	30	6	0	1.37
Question 5	6	Geometry, areas and perimeter	27	6	0	0.87
Question 6	6	Rates and variations, Ratios, profit and loss	29	6	0	2.03
Question 7	6	Ratios, profit and loss, accounts	30	6	0	1.90
Question 8	6	Sequence and series	30	4	0	0.30
Question 9	6	Trigonometry	29	6	0	0.52
Question 10	6	Quadratic equation, algebra	30	6	0	0.68
Question 11	10	Circle,statistics	29	8	0	3.45
Question 12	10	Three dimension figures,Earth as the sphere	30	7	0	1.63
Question 13	10	Matrices and transportation	28	8	0	1.96
Question 14	10	Linear programming,function	30	6.5	0	0.78

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AGRICULTURAL SCIENCE	23	0	22	1	2.8261	7/12	2/3	2/3

GRADE : A=0; B=6; C=16; D=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Principles of crop production	23	9	1	6.61
Question 2	6	Livestock production	23	6	0	4.04
Question 3	9	Principles of crop production	23	9	3	7.09
Question 4	9	Principles of crop production	23	9	0	4.83
Question 5	9	Agricultural mechanization	23	9	2	6.43
Question 6	9	Principles of crop production	23	6	0	3.61
Question 7	9	Principles of crop production	23	9	0	5.30
Question 8	9	Soil productivity	23	6	4	4.91
Question 9	15	Animal husbandry	23	15	3	12.83
Question 10	15	Agricultural marketing	23	11	0	3.87
Question 11	15	Agricultural marketing	0	0	0	0.00
PAPER 2						
Question 1	25	Introduction to soil science	23	22	9	16.17
Question 2	25	Principles of livestock production, crop production	23	17	2	11.04