



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM SIX PRE-NATIONAL EXAMINATIONS - 2024

Maasae Girls Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	2	0	1	1	6.5000	12/32	4/8	2/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	2	6	2	4.00
Question 2	10	Hyperbolic functions	2	6	1	3.50
Question 3	10	Linear programming	2	2	1	1.50
Question 4	10	Statistics	2	4	2	3.00
Question 5	10	Sets	2	5	4	4.50
Question 6	10	Functions	2	5.5	1.5	3.50
Question 7	10	Numerical methods	2	1.5	0	0.75
Question 8	10	Coordinate geometry 1	2	0	0	0.00
Question 9	10	Integration	2	4.5	2	3.25
Question 10	10	Differentiation	2	6	1.5	3.75
PAPER 2						
Question 1	15	Probability	2	0	0	0.00
Question 2	15	Logic	2	5.5	3	4.25
Question 3	15	Vectors	2	6	2	4.00
Question 4	15	Complex numbers	2	11	3	7.00
Question 5	20	Trigonometric	2	4	1	2.50
Question 6	20	Algebr	2	9	0	4.50
Question 7	20	Differential equation	0	0	0	0.00
Question 8	20	Coordinate geometric 2	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	12	0	2	10	6.8333	17/31	5/9	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	12	5	2	3.25
Question 2	10	Newton` s laws of motion	12	4	0	2.00
Question 3	10	Simple harmonic motion	12	3	0	0.67
Question 4	10	Projectile motion	12	2	0	0.67
Question 5	10	Heat and thermodynamic	12	5	0	1.29
Question 6	10	Thermodynamic	12	7	0	1.58
Question 7	10	Environmental physics	10	6.5	0	4.40
Question 8	15	Current electricit	11	5	0	0.45
Question 9	15	Electronics	12	4.5	0	2.42
Question 10	15	Electronic (logic gates)	11	10	0	4.18
PAPER 2						
Question 1	20	Fluid Dynamics	10	6	0	2.90
Question 2	20	Waves and Vibration	12	11	1	4.00
Question 3	20	Properties of matter	11	6	0	2.91
Question 4	20	Electrostatics	11	12.5	0	4.59
Question 5	20	Electromagnetism	12	15	0	6.58
Question 6	20	Modern physics	5	8	0	3.20
PAPER 3						
Question 1	20	Mechanics	12	14	6	9.75
Question 2	15		12	9.5	2	5.71
Question 3	15		12	7.5	2.5	4.63

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	23	0	19	4	5.1304	10/32	3/10	1/3

GRADE : A=0; B=0; C=1; D=4; E=13; S=1; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	23	8	1.5	3.89
Question 2	10	Chemical bond	23	8	0	4.04
Question 3	10	Gas	23	6	0	1.39
Question 4	10	Chemical equilibrium, relative molecular in solution	23	9	1	3.65
Question 5	10	selected compound of metals	22	10	0	3.61
Question 6	10	energetic	23	9	4	6.22
Question 7	10	Chemical equilibrium	23	6	2	4.39
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	5	13	5	9.60
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	23	12	0	6.39
Question 10	15	environmental chemistry , soil chemistry	19	14	4	8.32
PAPER 2						
Question 1	20	Two component liquid system	23	15	1	6.37
Question 2	20	Chemical kinetics	23	18	5	9.87
Question 3	20	Acid, base and salt, solubility and solubility product	22	10	0	3.95
Question 4	20	Metal extraction, extraction of metal, periodic classification	5	13	1	5.80
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	19	15	3	9.92
Question 6	20	Polymer, Transition elements	23	14	3	7.83
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ration using two indicators	23	25	1	14.35
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	23	20	0	15.96

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	22	0	20	2	4.7273	14/31	5/10	1/3

GRADE : A=0; B=0; C=3; D=7; E=7; S=3; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	22	10	0	6.95
Question 2	10	Biochemistry	22	5	0	1.55
Question 3	10	Principle of classification	21	8	0	4.62
Question 4	10	coordination	22	7.5	1	4.66
Question 5	10	Nutrition	21	9	0	3.43
Question 6	10	Reproduction	17	1	0	0.12
Question 7	10	Gaseous exchange	21	4	0	1.45
Question 8	15	Reproduction	22	13	0	6.82
Question 9	15	Transportation	3	5	2	4.00
Question 10	15	Gaseous exchange	22	12	0	3.86
PAPER 2						
Question 1	20	Classification	22	18	8	13.45
Question 2	20	Regulation and excretion	22	19	0	11.32
Question 3	20	Growth and development	21	18.5	1.5	9.64
Question 4	20	Genetics	17	18	0	8.79
Question 5	20	Ecology	21	19.5	11.5	16.45
Question 6	20	Evolution	7	12	0	5.71
PAPER 3						
Question 1	20	Classification	22	15	7	9.59
Question 2	15	Cytology and biochemistry	22	12	3	8.55
Question 3	15	Classification	22	14.5	6	10.34

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	8	0	8	0	3.5000	17/39	4/12	1/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Elementary survey and map making	8	13	8	10.00
Question 2	20	Application of statistics	5	15	8	12.60
Question 3	20	Map reading and map interpretation	3	8	6	6.67
Question 4	20	External forces that affect earth	0	0	0	0.00
Question 5	20	Soil science	8	16	9	11.25
Question 6	20	Water masses	8	18	0	9.63
Question 7	20	Space dynamic	8	13	9	11.38
PAPER 2						
Question 1	20	Human population	8	16	6	11.19
Question 2	20	Human population	7	17.5	1	12.29
Question 3	20	Transport and communication	0	0	0	0.00
Question 4	20	Agriculture	7	18	11	15.71
Question 5	20	Mining	7	13.5	10.5	11.71
Question 6	20	Transport and communication	7	17	9	14.57
Question 7	20	Fishing	4	16	13	14.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	34	0	33	1	4.0588	33/39	10/12	3/4

GRADE : A=0; B=1; C=8; D=17; E=5; S=2; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	34	15	1	11.32
Question 2	20	Philosophy and religion	32	17	8	12.97
Question 3	20	Life skills	33	15.5	1	7.61
Question 4	20	International affairs	2	10	3	6.50
Question 5	20	International affairs	33	16.5	7	11.97
Question 6	20	The practice of democracy	4	13	3	9.00
Question 7	20	Science and technology	32	14	3	10.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	10	0	10	0	4.1000	16/34	5/12	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu	10	7	5	6.10
Question 2	10	Sarufi	10	6.5	2.5	5.10
Question 3	10	Sarufi	10	10	0	4.50
Question 4	10	Matumizi ya lugha	10	10	0	8.60
Question 5	20	Utungaji	9	13	7	9.33
Question 6	20	Maendeleo ya kiswahili	10	19	1	12.70
Question 7	20	Maendeleo ya kiswahili	1	2	2	2.00
Question 8	20	Tafsiri na ukaliman	10	8	2	5.00
PAPER 2						
Question 1	10	fasihi kwa ujumla	9	10	4	7.78
Question 2	10	fasihi kwa ujumla	10	10	2	8.40
Question 3	10	fasihi kwa ujumla	9	6	0	1.56
Question 4	10	Usanifu wa maandishi	10	5	0	2.20
Question 5	20	Uhsairi	10	16	15	15.20
Question 6	20	Riwaya	9	15	7.5	11.56
Question 7	20	Riwaya	6	16	2	7.67
Question 8	20	Tamthiliya	5	18	12	16.20

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	5	0	5	0	4.0000	15/36	4/12	1/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	5	5	4	4.20
Question 2	10	Word formation	5	5	4	4.60
Question 3	10	Language skills (speaking)	5	0	0	0.00
Question 4	10	Translation and interpretation	5	10	5	7.40
Question 5	20	Language skills (writing)	5	10.5	3	5.00
Question 6	20	Language skills (listening)	5	16	12	14.40
Question 7	20	Language skills (speech)	0	0	0	0.00
Question 8	20	Introduction to language (language variation)	5	16	11	13.80
PAPER 2						
Question 1	10	Introduction to literature	5	6	4.5	5.60
Question 2	10	Introduction to literature	5	4	1	3.20
Question 3	10	Introduction to literature	5	8.5	4.5	6.40
Question 4	10	poetry	5	10	5.5	7.80
Question 5	20	play / drama	5	19	12	16.00
Question 6	20	Introduction to literature (poetry)	5	9.5	5	7.50
Question 7	20	poetry	0	0	0	0.00
Question 8	20	poetry	5	18	12	16.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	10	0	10	0	4.7000	14/38	4/12	2/4

GRADE : A=0; B=0; C=0; D=4; E=5; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	10	13	3.5	9.85
Question 2	20	Africa and Europe in the 15thc	10	17	14	14.45
Question 3	20	Colonial economy and social services after the second world war (1945)	7	14	10	12.64
Question 4	20	From colonialism to the first world war (1914)	1	4	4	4.00
Question 5	20	People of African origin in the new world	2	9.5	2	5.75
Question 6	20	Political and economic development since independence	10	10	1	4.70
Question 7	20	Africa nationalism and struggle for independence	10	17	7	12.90
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	10	14	3	9.25
Question 2	20	The rise of USA as capitalist leading power	10	14.5	5.5	10.70
Question 3	20	The rise of dictatorship in Europe	6	9	2	5.17
Question 4	20	The rise of socialism	5	14	1	7.70
Question 5	20	Threat of socialism	6	4	0	1.00
Question 6	20	The rise of capitalism in Europe	3	10	1	6.67
Question 7	20	The rise of democracy in Europe	9	14	10.5	13.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	22	0	5	17	6.6364	25/38	7/12	2/4

GRADE : A=0; B=0; C=0; D=0; E=3; S=2; F=17;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	22	7	0	3.09
Question 2	10	Function	22	9	0	3.18
Question 3	10	Algebra	22	10	0	2.95
Question 4	10	Differentiation	22	8	0	3.55
Question 5	10	integration	18	1.5	0	0.44
Question 6	10	Statistic	22	9	2	5.55
Question 7	10	probability	19	6	0	1.84
Question 8	10	trigonometry	15	4	0	0.87
Question 9	10	Exponential function	17	2	0	0.59
Question 10	10	matrix and linear programming	22	10	0	4.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND HUMAN NUTRITION	10	0	10	0	2.9000	1/4	1/2	1/1

GRADE : A=0; B=2; C=7; D=1; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Food processing and preservation	10	9.5	4	7.80
Question 2	10	Food composition	10	10	3	6.65
Question 3	10	Food composition	10	7	0	3.40
Question 4	10	Food composition	10	8	3.5	6.15
Question 5	10	Food composition	10	10	4.5	7.50
Question 6	10	Food composition	10	10	3.5	7.25
Question 7	20	Nutrient requirement	10	20	13	15.90
Question 8	20	Food Microbiology	7	18	9	13.86
Question 9	20	Food Processing presentation	3	14	13	13.33
PAPER 2						
Question 1	10	Food quality	10	10	7	9.05
Question 2	10	Food Microbiology	10	10	6	7.55
Question 3	10	Catering	10	6	1	3.35
Question 4	10	Food quality and safety	10	6	1	2.40
Question 5	10	Food quality and safety	10	10	6.5	8.70
Question 6	10	Nutrition intervention programmer	10	10	1	4.65
Question 7	20	Catering and institutional feeding	9	19	5	11.83
Question 8	20	malnutrition	10	15	9	12.45
Question 9	20	malnutrition	1	10	10	10.00
PAPER 3						
Question 1	20	Food Compositio	10	20	12	15.60
Question 2	15	Food composition	10	14	11	12.40
Question 3	15	Food composition	10	14	6	10.50