



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM SIX PRE-NATIONAL EXAMINATIONS - 2023

Maua Seminary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	9	0	4	5	6.0000	7/32	5/20	2/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	9	7.5	2.5	4.44
Question 2	10	Hyperbolic function	7	9	0	4.93
Question 3	10	Linear programming	8	10	3	7.44
Question 4	10	Statistics	9	6.5	1.5	4.44
Question 5	10	Sets	9	10	5	8.94
Question 6	10	Function	9	10	2	5.83
Question 7	10	Numerical method	9	7	2	3.94
Question 8	10	Coordinate geometry I	9	7.5	0	2.28
Question 9	10	Integration	9	3	0	0.56
Question 10	10	Differentiation	9	5	0	1.89
PAPER 2						
Question 1	15	Probability	9	15	0	3.78
Question 2	15	Logic	9	12	2	7.78
Question 3	15	Vector	9	15	1	6.11
Question 4	15	Complex number	9	12	0	4.11
Question 5	20	Trigonometric ratio	9	2	0	0.44
Question 6	20	Algebra	8	12	0	5.75
Question 7	20	Differentiation equation	9	9	0	1.00
Question 8	20	Coordinate geometry II	9	15	0	3.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	18	0	15	3	5.5000	10/30	5/18	3/14

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	18	8	3	4.72
Question 2	10	Gravitation	18	4	0	1.89
Question 3	10	Circular motion, gravitation	18	10	0	3.67
Question 4	10	Projectile motion, Newton's law of motion	18	8	0	3.78
Question 5	10	Heat	18	8	0	3.64
Question 6	10	Heat	17	4	0	1.12
Question 7	10	Environmental physics	17	10	3	6.41
Question 8	15	Current electricity	13	10	2	6.15
Question 9	15	Electronics	11	9	1	4.00
Question 10	15	Electronics	9	5	0	1.89
PAPER 2						
Question 1	20	Fluid dynamics	18	14	7	11.14
Question 2	20	Waves	16	13.5	4	9.09
Question 3	20	Properties of materials (matter)	18	20	5	13.28
Question 4	20	Static electricity	11	8	0	2.36
Question 5	20	Electromagnetism	4	6	2	4.00
Question 6	20	Morden physics	17	14	0	5.12
PAPER 3						
Question 1	20	Mechanics	18	19.5	8.5	16.33
Question 2	15	Heat	18	13	7.5	9.58
Question 3	15	Current electricity	18	13	2	5.06

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	20	0	15	5	5.4000	15/32	9/18	7/14

GRADE : A=0; B=1; C=1; D=2; E=6; S=5; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	20	10	3.5	7.73
Question 2	10	Chemical bonding	20	9	1	5.50
Question 3	10	Gases	20	9	2	4.25
Question 4	10	Relative molecular masses in solution	20	8.5	2	5.45
Question 5	10	Inorganic (selected compounds of metals)	20	10	0	3.10
Question 6	10	Thermochemistry	20	10	1	4.75
Question 7	10	Chemical equilibrium	20	7	0	2.75
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	15	10	0	5.87
Question 9	15	Organic chemistry (aromatic hydrocarbons)	9	11.5	0	4.89
Question 10	15	Soil chemistry	15	12	0	6.43
PAPER 2						
Question 1	20	Two components liquid system	20	10.5	2	6.75
Question 2	20	Chemical kinetics	20	8.5	0	4.58
Question 3	20	Buffer solution (Acid, base and salts)	11	13	0	4.64
Question 4	20	Periodic classification	20	15.5	0	6.58
Question 5	20	Transition elements	14	14.5	0	7.18
Question 6	20	Carbonl compounds	8	13	0	7.75
PAPER 3						
Question 1	20	Redox titration	20	20	11	16.03
Question 2	15	Thermochemistry (energetic)	20	10	3	5.65
Question 3	15	Qualitative analysis	20	15	7	13.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	16	0	16	0	4.8750	12/31	7/17	5/13

GRADE : A=0; B=0; C=0; D=4; E=10; S=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	16	8	2	5.69
Question 2	10	Biochemistry	16	7	2	5.19
Question 3	10	Principles of classification	15	10	0	6.33
Question 4	10	Coordination	16	7.5	0	2.78
Question 5	10	Nutrition	16	4	0	1.50
Question 6	10	Reproduction	15	8	0	2.67
Question 7	10	Respiration and gaseous exchange	16	10	0	5.44
Question 8	15	Reproduction	5	5	1	3.00
Question 9	15	Transport of materials	15	11	1	4.90
Question 10	15	Respiration and gaseous exchange	12	12	0	5.92
PAPER 2						
Question 1	20	Comparative groups of organisms	15	14	8	10.53
Question 2	20	Evolution	15	10	1	5.87
Question 3	20	Genetics	10	17	0	8.35
Question 4	20	Growth and development	12	12	2	7.67
Question 5	20	Osmoregulation, homeostasis and excretion	14	9	0	4.64
Question 6	20	Ecology	14	20	14	18.93
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	16	17.5	7.5	11.97
Question 2	15	Cytology (biochemistry)	16	10	1	5.94
Question 3	15	Principles of classification	16	15	10.5	12.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	20	0	20	0	3.6000	7/39	5/23	2/16

GRADE : A=0; B=2; C=7; D=9; E=1; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	20	25	2	15.78
Question 2	15	Photograph	16	14	2	8.88
Question 3	15	Survey	4	11	5	7.25
Question 4	20	Dynamic earth and Consequences	3	11	0	3.67
Question 5	20	Soil	19	17	1	10.97
Question 6	20	Water Masses	20	12	4	8.95
Question 7	20	Space Dynamics	17	18	0	6.53
PAPER 2						
Question 1	20	Population	20	17	0	9.20
Question 2	20	Population	20	18	10	14.75
Question 3	20	Agriculture	11	17	11	14.45
Question 4	20	Tourism	19	15	8	11.61
Question 5	20	Industry	15	19	10	15.67
Question 6	20	Fishing	15	20	10	13.73
Question 7	20	Fuel and power	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	37	0	37	0	3.8378	12/39	8/23	5/16

GRADE : A=0; B=1; C=13; D=14; E=9; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	12	14	2.5	7.79
Question 2	20	Contemporary and cross cutting issues	30	14	7.5	10.90
Question 3	20	Democracy	35	16	7	11.76
Question 4	20	Contemporary and cross cutting issues	22	13	7	10.23
Question 5	20	Science and technology	29	19	12	16.03
Question 6	20	International affairs	28	16	1	9.13
Question 7	20	Globalization	27	16	5.5	10.65

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	7	0	7	0	2.2857	5/36	2/20	1/14

GRADE : A=0; B=5; C=2; D=0; 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	7	1	0	0.29
Question 2	10	Introduction to language	7	10	5	9.29
Question 3	10	Introduction to language	7	10	0	7.86
Question 4	10	Introduction to language	7	10	4	7.71
Question 5	20	Word formation	7	18	16	16.86
Question 6	20	Listerning skills	7	15	14	14.71
Question 7	20	Speaking	5	18	16	16.80
Question 8	20	Translation and interpretation	2	14	7	10.50
PAPER 2						
Question 1	10	Introduction to literature	7	10	4	7.29
Question 2	10	Introduction to literature	7	8	0	5.86
Question 3	10	Introduction to literature	7	6	0	3.00
Question 4	10	Stylistics and communication	6	10	0	7.33
Question 5	20	Novels	7	20	9	18.29
Question 6	20	Plays	7	17	11	14.00
Question 7	20	Poetry	3	20	19	19.67
Question 8	20	Poetry	4	15	6	12.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	12	0	12	0	3.2500	6/38	5/22	3/16

GRADE : A=0; B=3; C=4; D=4; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Political and economic development in Tanzania since independence	11	14	1	7.05
Question 2	20	Africa and Europe in the 15th C	12	16	10.5	13.88
Question 3	20	People of African origin in the new World	6	17	14	16.17
Question 4	20	From colonialism to the First World War	11	15	10	13.36
Question 5	20	Colonial economy and social services after Second World War	2	12	5	8.50
Question 6	20	Pre-colonial African societies	9	17.5	0	8.44
Question 7	20	Influence of external forces and the rise of nationalism in Africa	7	16	6	12.93
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	12	20	11.5	17.88
Question 2	20	Imperialism and territorial division of the World	9	17	2	13.33
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	11	16	6	12.14
Question 4	20	The emergence of USA as a super power nation	2	14	3	8.50
Question 5	20	The rise of capitalism in Europe	10	15.5	4	12.25
Question 6	20	The rise of socialism	4	19.5	8	14.63
Question 7	20	Threat to the World peace after WWII	12	16	9	13.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	21	0	9	12	6.2381	12/38	8/22	5/15

GRADE : A=0; B=0; C=0; D=2; E=3; S=4; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	21	10	3	7.00
Question 2	10	Functions	21	9	0	1.83
Question 3	10	Algebra	21	10	2	5.43
Question 4	10	Differentiation	21	8	1	4.17
Question 5	10	Integration	21	7	0	3.10
Question 6	10	Statistics	21	10	0	4.57
Question 7	10	Probability	21	7	0	0.33
Question 8	10	Trigonometry	21	8.5	0	0.64
Question 9	10	Exponential and logarithmic functions	21	8	0	0.62
Question 10	10	Matrices and linear programming	21	9	1	5.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	9	0	9	0	4.2222	3/33	2/21	1/15

GRADE : A=0; B=0; C=1; 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	Subject matter of economics	9	10	0	2.44
Question 2	10	Trade cycle	9	10	2	7.00
Question 3	20	Theory of demand and supply	4	12	5	8.25
Question 4	20	Theory of firm	8	15.5	3	10.06
Question 5	20	Concept of market	6	13	4	9.33
Question 6	20	Money and price index	6	0.5	0.5	0.50
Question 7	20	Privatization	8	16	11	13.50
Question 8	20	Employment and unemployment	4	13	0	5.50
PAPER 2						
Question 1	10	Regional economic integration	9	10	4	8.00
Question 2	10	Public finance	9	5	0	3.11
Question 3	20	National income	3	9.5	2.5	7.17
Question 4	20	Financial institution	6	9	6	7.83
Question 5	20	Public finance	9	16	5	13.61
Question 6	20	International trade	8	14	9	12.56
Question 7	20	Marketing and distribution	5	14.5	12.5	13.40
Question 8	20	Structure of Tanzania economy	5	18.5	14	15.90