



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

Maua Seminary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	20	0	8	12	6.1500	7/32	6/20	4/15

GRADE : A=0; B=1; C=0; D=1; E=3; S=3; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	20	10	0	5.60
Question 2	10	Hyperbolic functions	20	10	0	2.65
Question 3	10	Linear programming	20	10	0	3.08
Question 4	10	Statistics	20	6	0	3.10
Question 5	10	Sets	20	10	3	7.60
Question 6	10	Functions	20	7.5	1	4.48
Question 7	10	Numerical methods	20	10	2	5.13
Question 8	10	Coordinate geometry 1	20	10	0	1.05
Question 9	10	Integration	20	8.5	0	1.98
Question 10	10	Differentiation	20	6.5	0	2.55
PAPER 2						
Question 1	15	Probability	20	8	0	2.40
Question 2	15	Logic	20	14.5	4.5	9.23
Question 3	15	Vectors	20	14	0	6.35
Question 4	15	Complex numbers	20	10	0	3.70
Question 5	20	Trigonometric	13	16	0	4.15
Question 6	20	Algebr	12	17	0	7.67
Question 7	20	Differential equation	2	2	1	1.50
Question 8	20	Coordinate geometric 2	9	5	0	2.11

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	26	0	13	13	5.9231	4/31	3/18	2/14

GRADE : A=0; B=0; C=1; D=3; E=6; S=3; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	26	10	2	5.77
Question 2	10	Newton` s laws of motion	26	7	0	1.73
Question 3	10	Simple harmonic motion	26	10	2	4.35
Question 4	10	Projectile motion	26	8	0	3.38
Question 5	10	Heat and thermodynamic	26	7.5	0	4.96
Question 6	10	Thermodynamic	26	10	0	4.10
Question 7	10	Environmental physics	25	10	1	5.26
Question 8	15	Current electricit	18	8	0	2.11
Question 9	15	Electronics	21	11	1	4.83
Question 10	15	Electronic (logic gates)	12	9	0	3.50
PAPER 2						
Question 1	20	Fluid Dynamics	26	12	0	6.04
Question 2	20	Waves and Vibration	25	16	0	6.64
Question 3	20	Properties of matter	26	20	1	8.08
Question 4	20	Electrostatics	26	16.5	2.5	9.58
Question 5	20	Electromagnetism	1	6	6	6.00
Question 6	20	Modern physics	24	15	0	4.13
PAPER 3						
Question 1	20	Mechanics	24	13	4	9.02
Question 2	15		24	8.5	1	5.58
Question 3	15		24	14	2	7.29

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	25	0	22	3	4.9200	6/32	4/18	4/14

GRADE : A=0; B=0; C=3; D=6; E=9; S=4; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	25	8	0	4.34
Question 2	10	Chemical bond	25	8	0	4.20
Question 3	10	Gas	25	6	0	1.76
Question 4	10	Chemical equilibrium, relative molecular in solution	25	5	0	2.44
Question 5	10	selected compound of metals	25	10	0	3.20
Question 6	10	energetic	25	8	3	5.72
Question 7	10	Chemical equilibrium	25	9	3	6.04
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	4	8	1	4.25
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	23	11	0	3.93
Question 10	15	environmental chemistry , soil chemistry	22	15	1	8.41
PAPER 2						
Question 1	20	Two component liquid system	25	20	3	11.62
Question 2	20	Chemical kinetics	25	20	4.5	13.84
Question 3	20	Acid, base and salt, solubility and solubility product	25	15	0	6.72
Question 4	20	Metal extraction, extraction of metal, periodic classification	22	10.5	0	4.68
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	11	12.5	1	7.36
Question 6	20	Polymer, Transition elements	14	9	0	3.07
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ratio using two indicators	25	24	0	16.96
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	25	24	12	19.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	16	0	16	0	3.5000	2/31	2/17	1/13

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	16	10	5	7.81
Question 2	10	Biochemistry	16	10	1	4.63
Question 3	10	Principle of classification	16	8	1	4.31
Question 4	10	coordination	16	8	0	3.78
Question 5	10	Nutrition	16	8	6	7.53
Question 6	10	Reproduction	10	5	0	1.20
Question 7	10	Gaseous exchange	16	7	0	3.56
Question 8	15	Reproduction	1	13	13	13.00
Question 9	15	Transportation	15	13	2	7.40
Question 10	15	Gaseous exchange	16	12	0	8.06
PAPER 2						
Question 1	20	Classification	15	18	4	10.37
Question 2	20	Regulation and excretion	14	16.5	0	10.86
Question 3	20	Growth and development	16	20	8	16.00
Question 4	20	Genetics	13	18	8	14.62
Question 5	20	Ecology	7	18	0	9.21
Question 6	20	Evolution	15	20	9	15.27
PAPER 3						
Question 1	20	Classification	16	18.5	13.5	15.94
Question 2	15	Cytology and biochemistry	16	12	8	10.19
Question 3	15	Classification	16	13	8	10.63

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	28	0	28	0	2.7857	1/39	1/23	1/16

GRADE : A=1; B=9; C=13; 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	20	Elementary survey and map making	28	20	7	14.09
Question 2	20	Application of statistics	27	20	4	14.26
Question 3	20	Map reading and map interpretation	2	13	6	9.50
Question 4	20	External forces that affect earth	22	13	1	6.73
Question 5	20	Soil science	28	17	8	13.43
Question 6	20	Water masses	23	18	0	9.26
Question 7	20	Space dynamic	10	12	3	9.40
PAPER 2						
Question 1	20	Human population	28	18	7	14.21
Question 2	20	Human population	25	20	11	15.56
Question 3	20	Transport and communication	9	16	11	14.17
Question 4	20	Agriculture	15	19	12	17.27
Question 5	20	Mining	23	16	12	13.78
Question 6	20	Transport and communication	26	16.5	11	14.65
Question 7	20	Fishing	13	18	11	16.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GENERAL STUDIES	53	0	53	0	3.1132	5/39	5/23	3/16

GRADE : A=0; B=8; C=34; D=8; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	53	16.5	1	12.25
Question 2	20	Philosophy and religion	52	15	6	12.82
Question 3	20	Life skills	51	17.5	10.5	13.69
Question 4	20	International affairs	44	15.5	7.5	13.76
Question 5	20	International affairs	2	14	10	12.00
Question 6	20	The practice of democracy	13	16	1	10.15
Question 7	20	Science and technology	50	14	5.5	11.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	7	0	7	0	3.7143	9/36	6/20	3/14

GRADE : A=0; B=0; C=4; D=1; E=2; 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	10	7	8.29
Question 2	10	Word formation	7	9	4	6.00
Question 3	10	Language skills (speaking)	7	0	0	0.00
Question 4	10	Translation and interpretation	7	10	0	6.14
Question 5	20	Language skills (writing)	7	11.5	2	7.29
Question 6	20	Language skills (listening)	7	14	11	12.43
Question 7	20	Language skills (speech)	0	0	0	0.00
Question 8	20	Introduction to language (language variation)	7	14	5	11.71
PAPER 2						
Question 1	10	Introduction to literature	7	8	3	5.43
Question 2	10	Introduction to literature	7	7	2	4.71
Question 3	10	Introduction to literature	7	7	4	5.07
Question 4	10	poetry	7	9.5	6.5	8.00
Question 5	20	play / drama	7	18	10	15.14
Question 6	20	Introduction to literature (poetry)	6	12	3	9.67
Question 7	20	poetry	4	11	10	10.50
Question 8	20	poetry	3	19.5	12.5	16.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	17	0	17	0	4.0000	2/38	2/22	2/16

GRADE : A=0; B=1; C=4; D=7; E=4; 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	17	13	1	10.26
Question 2	20	Africa and Europe in the 15thc	13	16.5	13.5	15.00
Question 3	20	Colonial economy and social services after the second world war (1945)	7	15.5	0	10.14
Question 4	20	From colonialism to the first world war (1914)	6	7	0.5	2.92
Question 5	20	People of African origin in the new world	11	17.5	11	14.68
Question 6	20	Political and economic development since independence	17	16	3	11.65
Question 7	20	Africa nationalism and struggle for independence	14	17	5	13.93
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	17	16	2	6.24
Question 2	20	The rise of USA as capitalist leading power	17	16.5	10	14.32
Question 3	20	The rise of dictatorship in Europe	14	8	3	4.86
Question 4	20	The rise of socialism	4	14	1	8.00
Question 5	20	Threat of socialism	3	1.5	0	0.67
Question 6	20	The rise of capitalism in Europe	13	14	3	9.77
Question 7	20	The rise of democracy in Europe	16	16.5	9.5	13.78

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	26	0	16	10	5.6538	8/38	6/22	3/15

GRADE : A=0; B=0; C=1; D=3; E=10; S=2; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	26	10	2	3.88
Question 2	10	Function	24	10	0	4.42
Question 3	10	Algebra	26	10	0	7.62
Question 4	10	Differentiation	26	8.5	0	4.69
Question 5	10	integration	16	7	0	1.88
Question 6	10	Statistic	26	9	2	7.15
Question 7	10	probability	23	10	0	4.61
Question 8	10	trigonometry	11	10	0	1.73
Question 9	10	Exponential function	22	8	0	0.91
Question 10	10	matrix and linear programming	26	8	0	5.54

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	20	0	20	0	3.9500	3/32	2/20	2/14

GRADE : A=0; B=2; C=4; D=7; E=7; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Environmental economics	20	10	5.5	8.23
Question 2	10	Subject matter of economics	20	10	0	3.53
Question 3	20	Demand and supply	7	14	0	7.86
Question 4	20	Theory of production	14	14	0	5.64
Question 5	20	Theory of firm	20	18	3	12.20
Question 6	20	Theory of market	9	19.5	1	8.06
Question 7	20	Privatization	14	20	1	10.18
Question 8	20	Theory of money	16	20	0	8.00
PAPER 2						
Question 1	10	Economic Planning	19	8	1.5	5.11
Question 2	10	Marketing and distribution	19	10	2.5	7.39
Question 3	20	National income	8	15	0	6.75
Question 4	20	Financial institution	9	16	1	10.33
Question 5	20	International Trade	19	15.5	3.5	11.05
Question 6	20	Economic Growths development	17	18	2	14.94
Question 7	20	Economic Structure of Tanzania Economy	16	19	13	17.16
Question 8	20	Economic Integration	5	19	14	16.20