



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC) NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE FORM SIX PRE-NATIONAL EXAMINATION 2022

Maua Seminary School FORM SIX SUBJECTS PERFORMANCE REPORT - 2022

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	25	0	14	11	6.0000	11/31	8/18	6/14

GRADE : A=0; B=0; C=0; D=2; E=7; S=5; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating devices	24	10	0	3.65
Question 2	10	Hyperbolic functions	19	4.5	0	1.55
Question 3	10	Linear programming	25	10	5	7.48
Question 4	10	Statistics	23	8	0	5.15
Question 5	10	Sets	25	10	1.5	6.02
Question 6	10	Functions	24	10	1	6.27
Question 7	10	Numerical methods	24	9	0	4.10
Question 8	10	Coordinate geometry 1	19	6	0	1.11
Question 9	10	Integration	4	2.5	0	1.25
Question 10	10	Differentiation	4	1	0	0.50
PAPER 2						
Question 1	15	Probability	15	6	0	1.20
Question 2	15	Logic	25	15	2	10.44
Question 3	15	Vectors	24	15	1	6.06
Question 4	15	Complex numbers	25	15	0	7.22
Question 5	20	Trigonometry	12	16	0	6.88
Question 6	20	Algebra	17	19	0	10.47
Question 7	20	Differential equations	0	0	0	0.00
Question 8	20	Coordinate geometry II	21	14	1.5	7.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	32	0	22	10	5.4688	11/30	8/18	6/14

GRADE : A=0; B=0; C=1; D=6; E=12; S=3; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	32	10	1	6.03
Question 2	10	Newton's Laws and SHM	32	8	0	3.95
Question 3	10	Moment of gravitational force	32	10	0	5.94
Question 4	10	Gravitational force moment on inertia	31	6	0	0.68
Question 5	10	Heat	32	7	0	3.72
Question 6	10	Heat	32	9	0	3.66
Question 7	10	Environmental physics	31	10	4	7.74
Question 8	15	Current electricity	6	12	1.5	5.92
Question 9	15	Electronics	30	8.5	1	4.12
Question 10	15	Electronics	28	11	0	4.07
PAPER 2						
Question 1	20	Fluid mechanics	31	20	5.5	14.10
Question 2	20	Waves	29	17	0	5.83
Question 3	20	Properties of matter	31	19	0	10.68
Question 4	20	Electrostatics	24	14.5	0	6.15
Question 5	20	Electromagnetism	7	15	0	6.43
Question 6	20	Modern physics	25	19	2	9.76
PAPER 3						
Question 1	20	Mechanics	31	18	2	12.00
Question 2	15	Heat	31	14	0	6.45
Question 3	15	Current electricity	31	5	0	2.65

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	29	0	5	24	6.8276	7/32	6/18	4/14

GRADE : A=0; B=0; C=0; D=0; E=0; S=5; F=24;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Relative molecular mass in a solution	29	6	0	3.62
Question 2	10	Energetics	28	8.5	0	3.27
Question 3	10	Selected compound of metals	29	4	0	1.84
Question 4	10	Aliphatic hydrocarbon	17	5	0	1.47
Question 5	10	Chemical bonding	25	3	0	0.96
Question 6	10	Aromatic hydrocarbon, halo al vane	13	4	0	2.12
Question 7	10	Environmental chemistry	22	7.5	0	2.70
Question 8	15	Gases	16	8	0	4.75
Question 9	15	Equilibrium	25	7.5	0	5.08
Question 10	15	Atomic structure	14	10	0	5.00
PAPER 2						
Question 1	20	Two component liquid system	26	14	1	7.40
Question 2	20	Electrochemistry, chemical kinetics	28	8	0	2.71
Question 3	20	Acid, base and salt, solubility and solubility product	28	10	0	4.80
Question 4	20	Redox classification, extraction of metal	26	7	0	3.46
Question 5	20	Transition metal	24	9	1	4.65
Question 6	20	Carbon compounds, carboxylic acid, amine	1	8	8	8.00
PAPER 3						
Question 1	20	Acid - base titration	28	18.5	3.5	9.63
Question 2	15	Solubility	20	3	0	0.58
Question 3	15	Qualitative analysis	28	12.5	3	7.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	18	0	18	0	3.6111	3/31	2/17	2/13

GRADE : A=0; B=3; C=4; D=8; 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	Cytology	18	6	3	5.11
Question 2	10	Biochemistry	18	10	0	4.25
Question 3	10	Principle of classification	18	10	0	6.11
Question 4	10	Nutrition	18	8	2	5.72
Question 5	10	Gaseous exchange and respiration	18	10	0	1.56
Question 6	10	Coordination	18	9.5	0	5.39
Question 7	10	Reproduction	18	10	0	6.89
Question 8	15	Reproduction	11	11.5	4	7.68
Question 9	15	Gaseous exchange and respiration	18	13	1	8.06
Question 10	15	Transport of materials	7	15	7	10.14
PAPER 2						
Question 1	20	Comparative studies of natural groups	16	16	2	8.44
Question 2	20	Growth and development	18	20	5	13.61
Question 3	20	Excretion, osmoregulation and homeostasis	17	12	0	8.00
Question 4	20	Genetics	4	14	0	8.88
Question 5	20	Evolution	17	20	8.5	15.50
Question 6	20	Ecology	17	10	1	5.00
PAPER 3						
Question 1	20	Comparative studies of natural groups	18	19	5	15.64
Question 2	15	Comparative studies of natural groups	18	15	7.5	12.81
Question 3	15	Cytology	18	14.5	6.5	12.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	33	0	33	0	3.2727	13/40	9/23	6/16

GRADE : A=0; B=2; C=21; D=9; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Map reading and interpretation	33	23	8	13.12
Question 2	15	Elementary survey	3	14	9	12.00
Question 3	15	Photograph reading and interpretation	32	14	5	10.94
Question 4	20	Water masses	31	16	5	12.94
Question 5	20	Space dynamics	5	12	5	10.00
Question 6	20	Space dynamics	30	16	0	8.55
Question 7	20	Soil	28	14.5	1	6.84
PAPER 2						
Question 1	20	Population and development	33	18	8	14.48
Question 2	20	Population and development	21	17.5	5	14.19
Question 3	20	Mining industry	26	17	12	14.50
Question 4	20	Agriculture	21	18	11.5	15.10
Question 5	20	Tourism industry	5	15	9	11.40
Question 6	20	Manufacturing industry	28	19	12	15.50
Question 7	20	Forest resources	30	16	10	14.07

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	60	0	60	0	2.5333	11/40	6/23	3/16

GRADE : A=2; B=30; C=22; D=6; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	60	16.5	7.5	14.04
Question 2	20	Cross-cutting issues in Tanzania	58	17.5	0.5	15.60
Question 3	20	Science and technology in development	53	18	4.5	12.65
Question 4	20	Democratic process and practice	57	19	9	14.25
Question 5	20	International co-operation	29	18	9	13.59
Question 6	20	International co-operation	30	17	6	12.12
Question 7	20	Life skills	13	14	1	9.35

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	6	0	6	0	4.0000	27/38	12/21	7/15

GRADE : A=0; B=0; C=1; 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	10	Introduction to language	6	8.5	5	7.08
Question 2	10	Introduction to language	5	10	0	7.60
Question 3	10	Writing skills	5	1	0	0.20
Question 4	10	Reading skills	5	9	4	7.20
Question 5	20	Introduction to language	6	18	14	16.00
Question 6	20	Writing skills	5	18	12	16.00
Question 7	20	Listening skills	5	17	11	14.00
Question 8	20	Translation and interpretation	1	6	6	6.00
PAPER 2						
Question 1	10	stylistics and communication	6	5	3	4.08
Question 2	10	theories of literature	5	5	0	2.60
Question 3	10	stylistics and communication	5	9	2	5.30
Question 4	10	theories of literature	6	8	0	4.67
Question 5	20	Literary works	6	18	14	17.00
Question 6	20	Literary works	1	13	13	13.00
Question 7	20	Literary works	4	11	0	2.75
Question 8	20	Literary works	6	16	5	10.17

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	17	0	17	0	3.2353	10/39	7/22	5/16

GRADE : A=0; B=3; C=8; D=5; 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	Pre colonial African societies	17	16.5	0	12.88
Question 2	20	Africa and Europe by the 15th Century	12	13	1	8.08
Question 3	20	People of Africa origin in the new World	16	16.5	12	14.56
Question 4	20	Colonial economy and social services after the WWII	10	17	5	13.70
Question 5	20	Colonial economy and social services after the WWII	4	8	1	4.25
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	15	15	0	11.50
Question 7	20	Political and economic development in Tanzania since independence	11	15	8	11.50
PAPER 2						
Question 1	20	Rise of capitalism in Europe	17	16	7	14.00
Question 2	20	Rise of democracy in Europe	15	16	7	13.60
Question 3	20	Emergency of USA as a new super power	3	14	3	9.00
Question 4	20	Rise of socialism	8	17	13	15.06
Question 5	20	Threat of World peace	14	16	11	14.50
Question 6	20	Rise of dictatorship	11	16	3	12.14
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	16	16	0	10.69

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	29	0	16	13	5.7241	12/38	9/22	6/15

GRADE : A=0; B=1; C=0; D=5; E=7; S=3; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	29	10	0	7.97
Question 2	10	Functions	29	10	2	7.07
Question 3	10	Algebra	29	10	0	3.88
Question 4	10	Differentiation	25	10	0	4.42
Question 5	10	Integration	20	7.5	0	2.60
Question 6	10	Statistics	29	10	0	6.64
Question 7	10	Probability	13	4	0	1.42
Question 8	10	Trigonometry	17	9	0	4.35
Question 9	10	Exponential and logarithmic function	23	8.5	0	2.59
Question 10	10	Matrix	23	8	0	3.48

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	20	0	20	0	2.9000	2/33	2/22	1/15

GRADE : A=1; B=7; C=8; D=2; E=1; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The subject matter of economics	19	6	0	2.55
Question 2	10	Population	20	8	3	5.80
Question 3	20	Production	17	20	3.4	16.52
Question 4	20	Demand and supply	3	17	13	15.67
Question 5	20	Theories of firm	18	20	2.5	17.92
Question 6	20	Environmental economics	19	19	9.5	12.87
Question 7	20	Theories of money	3	6	3.5	5.00
Question 8	20	Employment and unemployment	18	15	0	9.94
PAPER 2						
Question 1	10	Economic growth and development	20	10	7	9.13
Question 2	10	Economic integration	20	10	8	9.85
Question 3	20	National income	15	20	7.4	13.87
Question 4	20	Financial institutions	7	15	6	11.71
Question 5	20	International trade	17	19	8	14.09
Question 6	20	Economic structure of Tanzania	16	17	1	10.78
Question 7	20	Economic planning	10	15	7.5	10.85
Question 8	20	Financial institutions	13	17	12	13.92