



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

Marangu Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	15	0	3	12	6.6667	16/32	10/20	7/15

GRADE : A=0; B=0; C=0; D=0; E=2; S=1; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	15	10	0	3.07
Question 2	10	Hyperbolic functions	15	10	0	3.53
Question 3	10	Linear programming	15	4	0	2.07
Question 4	10	Statistics	15	8	0	2.67
Question 5	10	Sets	15	9	2.5	5.23
Question 6	10	Functions	15	8	0	3.40
Question 7	10	Numerical methods	15	4	0	1.87
Question 8	10	Coordinate geometry 1	15	1	0	0.07
Question 9	10	Integration	15	8	0	1.93
Question 10	10	Differentiation	15	6	0	2.77
PAPER 2						
Question 1	15	Probability	15	8	0	2.07
Question 2	15	Logic	15	13	2.5	6.80
Question 3	15	Vectors	15	6	0	2.80
Question 4	15	Complex numbers	15	12	0	3.87
Question 5	20	Trigonometric	8	5	0	1.00
Question 6	20	Algebr	10	15	0	6.00
Question 7	20	Differential equation	5	13	1	6.00
Question 8	20	Coordinate geometric 2	3	3	2	2.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	24	0	3	21	6.7500	16/31	10/18	7/14

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	24	8	0	4.83
Question 2	10	Newton` s laws of motion	22	4	0	1.77
Question 3	10	Simple harmonic motion	20	8	0	1.60
Question 4	10	Projectile motion	24	8.5	0	2.21
Question 5	10	Heat and thermodynamic	23	7.5	0	3.24
Question 6	10	Thermodynamic	24	7.5	0	2.40
Question 7	10	Environmental physics	23	8	0	3.85
Question 8	15	Current electricit	6	8	0	3.00
Question 9	15	Electronics	19	5	0	2.79
Question 10	15	Electronic (logic gates)	17	4	0	1.71
PAPER 2						
Question 1	20	Fluid Dynamics	21	13	0	3.76
Question 2	20	Waves and Vibration	20	15	0	4.10
Question 3	20	Properties of matter	23	17	0	4.30
Question 4	20	Electrostatics	19	13	0	5.16
Question 5	20	Electromagnetism	15	18	0	7.17
Question 6	20	Modern physics	17	11	0	2.21
PAPER 3						
Question 1	20	Mechanics	24	11	3.5	8.29
Question 2	15		24	10	0	4.38
Question 3	15		24	15	1.5	8.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	32	0	22	10	5.8125	20/32	12/18	9/14

GRADE : A=0; B=0; C=0; D=6; E=4; S=12; F=10;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	32	8	0	4.20
Question 2	10	Chemical bond	32	8	0	2.38
Question 3	10	Gas	30	2	0	0.93
Question 4	10	Chemical equilibrium, relative molecular in solution	30	7	0	2.23
Question 5	10	selected compound of metals	23	9	0	2.41
Question 6	10	energetic	32	10	0	5.75
Question 7	10	Chemical equilibrium	32	10	0	6.09
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	9	12	0	6.56
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	32	10	0	4.06
Question 10	15	environmental chemistry , soil chemistry	23	11.5	3	7.50
PAPER 2						
Question 1	20	Two component liquid system	30	18	0	8.97
Question 2	20	Chemical kinetics	32	16	1	10.31
Question 3	20	Acid, base and salt, solubility and solubility product	27	16	0	5.81
Question 4	20	Metal extraction, extraction of metal, periodic classification	15	7	0	3.53
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	18	15.5	0	8.56
Question 6	20	Polymer, Transition elements	26	13	0	4.69
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ratio using two indicators	32	21	0	12.50
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	32	21	10	17.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	25	0	18	7	5.6400	25/31	13/17	10/13

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	23	10	2	6.65
Question 2	10	Biochemistry	25	6	0	1.08
Question 3	10	Principle of classification	25	6	0	1.80
Question 4	10	coordination	21	4	0	1.86
Question 5	10	Nutrition	25	8	0	5.10
Question 6	10	Reproduction	13	2.5	0	0.77
Question 7	10	Gaseous exchange	22	5	0	1.77
Question 8	15	Reproduction	7	8	0	1.57
Question 9	15	Transportation	21	14	0	5.48
Question 10	15	Gaseous exchange	19	9	0	2.89
PAPER 2						
Question 1	20	Classification	25	20	1	13.24
Question 2	20	Regulation and excretion	23	20	0	10.35
Question 3	20	Growth and development	25	16.5	0	9.22
Question 4	20	Genetics	25	18	0	7.56
Question 5	20	Ecology	10	9	0	1.55
Question 6	20	Evolution	20	20	0	7.20
PAPER 3						
Question 1	20	Classification	25	14.5	6	10.48
Question 2	15	Cytology and biochemistry	25	11	3	6.40
Question 3	15	Classification	25	15	6	11.26

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	80	0	80	0	4.1875	32/39	19/23	14/16

GRADE : A=0; B=1; C=13; D=39; E=24; S=3; 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	79	16	0	7.80
Question 2	20	Application of statistics	63	18	0	10.82
Question 3	20	Map reading and map interpretation	13	8	0	4.12
Question 4	20	External forces that affect earth	44	18	1	7.52
Question 5	20	Soil science	77	17	0	7.90
Question 6	20	Water masses	64	12	0	1.55
Question 7	20	Space dynamic	49	12	0	8.96
PAPER 2						
Question 1	20	Human population	79	18	0	13.34
Question 2	20	Human population	43	19	1	13.17
Question 3	20	Transport and communication	18	18	1	13.00
Question 4	20	Agriculture	74	20	9	16.67
Question 5	20	Mining	69	18	7	12.10
Question 6	20	Transport and communication	74	16.5	9	14.54
Question 7	20	Fishing	42	18	9	15.96

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	125	0	124	1	4.2400	35/39	21/23	15/16

GRADE : A=0; B=1; C=20; D=59; E=39; S=5; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	125	17	1	10.68
Question 2	20	Philosophy and religion	112	19	1	11.20
Question 3	20	Life skills	120	17.5	4	11.98
Question 4	20	International affairs	66	15.5	0	9.88
Question 5	20	International affairs	15	16	0	10.13
Question 6	20	The practice of democracy	84	14	4.5	9.71
Question 7	20	Science and technology	97	16	0	8.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	45	0	45	0	4.2222	20/34	9/18	6/12

GRADE : A=0; B=0; C=8; D=20; E=16; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu	45	8	3	5.80
Question 2	10	Sarufi	45	8	2	4.48
Question 3	10	Sarufi	43	10	0	2.95
Question 4	10	Matumizi ya lugha	45	10	4	9.64
Question 5	20	Utungaji	38	19	8	14.16
Question 6	20	Maendeleo ya kiswahili	43	20	9	15.52
Question 7	20	Maendeleo ya kiswahili	9	16	3	10.33
Question 8	20	Tafsiri na ukaliman	44	13	2	5.91
PAPER 2						
Question 1	10	fasihi kwa ujumla	44	10	0	7.02
Question 2	10	fasihi kwa ujumla	44	10	0	6.02
Question 3	10	fasihi kwa ujumla	43	6	0	0.30
Question 4	10	Usanifu wa maandishi	45	6	0	2.16
Question 5	20	Uhsairi	43	16	12	14.58
Question 6	20	Riwaya	42	15	7	10.95
Question 7	20	Riwaya	37	14	0	3.78
Question 8	20	Tamthiliya	11	18	1	12.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	41	0	39	2	4.6341	31/36	18/20	12/14

GRADE : A=0; B=0; C=4; D=15; E=16; S=4; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	41	10	0	5.76
Question 2	10	Word formation	41	10	0	5.55
Question 3	10	Language skills (speaking)	34	0	0	0.00
Question 4	10	Translation and interpretation	40	10	0	6.10
Question 5	20	Language skills (writing)	41	15	0	6.15
Question 6	20	Language skills (listening)	41	20	8	13.40
Question 7	20	Language skills (speech)	3	2.5	0	1.17
Question 8	20	Introduction to language (language variation)	38	19	7	13.58
PAPER 2						
Question 1	10	Introduction to literature	40	8	0	3.49
Question 2	10	Introduction to literature	40	10	0	4.60
Question 3	10	Introduction to literature	39	9	0	4.78
Question 4	10	poetry	38	9.5	1	5.91
Question 5	20	play / drama	41	19	1	12.13
Question 6	20	Introduction to literature (poetry)	40	13	1	6.56
Question 7	20	poetry	10	13	3	8.75
Question 8	20	poetry	30	19	0	12.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	85	0	73	12	5.0706	19/38	12/22	8/16

GRADE : A=0; B=0; C=2; D=26; E=33; S=12; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	85	15.5	0	10.52
Question 2	20	Africa and Europe in the 15thc	84	16.5	6	12.55
Question 3	20	Colonial economy and social services after the second world war (1945)	13	14.5	1	9.65
Question 4	20	From colonialism to the first world war (1914)	26	12	0	2.85
Question 5	20	People of African origin in the new world	62	19	2	8.51
Question 6	20	Political and economic development since independence	70	18	0	8.30
Question 7	20	Africa nationalism and struggle for independence	81	17	2.5	14.99
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	85	17	0	6.17
Question 2	20	The rise of USA as capitalist leading power	85	16	1	9.11
Question 3	20	The rise of dictatorship in Europe	52	12.5	0	3.18
Question 4	20	The rise of socialism	70	20	0	5.50
Question 5	20	Threat of socialism	12	10.5	0	1.50
Question 6	20	The rise of capitalism in Europe	45	14	2.5	10.02
Question 7	20	The rise of democracy in Europe	72	15.5	0.5	10.11

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	46	0	12	34	6.5217	24/38	16/22	11/15

GRADE : A=0; B=0; C=0; D=2; E=6; S=4; F=34;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	46	10	0	4.41
Question 2	10	Function	45	9	0	1.70
Question 3	10	Algebra	44	10	0	4.43
Question 4	10	Differentiation	40	10	0	2.91
Question 5	10	integration	18	1	0	0.22
Question 6	10	Statistic	42	10	1	5.19
Question 7	10	probability	36	7	0	2.96
Question 8	10	trigonometr	29	7	0	2.41
Question 9	10	Exponential function	30	3	0	0.10
Question 10	10	matrix and linear programming	43	10	0	4.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	28	0	14	14	6.1071	29/32	17/20	11/14

GRADE : A=0; B=0; C=0; D=1; E=9; S=4; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Environmental economics	14	6.5	1	3.46
Question 2	10	Subject matter of economics	26	9	0	0.81
Question 3	20	Demand and supply	17	6	0	3.03
Question 4	20	Theory of production	9	8	0	2.44
Question 5	20	Theory of firm	28	17	4	9.96
Question 6	20	Theory of market	10	13.5	0	6.75
Question 7	20	Privatization	24	16	0	5.77
Question 8	20	Theory of money	15	8	0	1.57
PAPER 2						
Question 1	10	Economic Planing	26	7.5	2	4.71
Question 2	10	Marketing and distribution	28	10	0	6.07
Question 3	20	National income	25	10	2	6.04
Question 4	20	Financial institution	14	16	6	11.54
Question 5	20	International Trade	18	14.5	0	4.81
Question 6	20	Economic Growths development	28	17	0	14.66
Question 7	20	Economic Structure of Tanzania Economy	21	14	0.5	6.81
Question 8	20	Economic Integration	3	19.5	8	12.17