



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

Majengo Secondary School
FORM SIX SUBJECTS PERFORMANCE REPORT - 2024

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	1	0	1	0	6.0000	4/32	3/20	1/15

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating Devices	1	0	0	0.00
Question 2	10	Hyperbolic functions	1	6	6	6.00
Question 3	10	Linear programming	1	5.5	5.5	5.50
Question 4	10	Statistics	1	6	6	6.00
Question 5	10	Sets	1	9	9	9.00
Question 6	10	Functions	1	6	6	6.00
Question 7	10	Numerical methods	1	0	0	0.00
Question 8	10	Coordinate geometry 1	1	0	0	0.00
Question 9	10	Integration	1	2	2	2.00
Question 10	10	Differentiation	1	3	3	3.00
PAPER 2						
Question 1	15	Probability	1	0	0	0.00
Question 2	15	Logic	1	10	10	10.00
Question 3	15	Vectors	1	5	5	5.00
Question 4	15	Complex numbers	1	0	0	0.00
Question 5	20	Trigonometric	1	8	8	8.00
Question 6	20	Algebr	1	10	10	10.00
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	11	0	1	10	6.9091	21/31	12/18	9/14

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurements	11	7	1	4.45
Question 2	10	Newton` s laws of motion	11	7	0	1.18
Question 3	10	Simple harmonic motion	11	5	0	0.64
Question 4	10	Projectile motion	11	2	0	0.95
Question 5	10	Heat and thermodynamic	11	5	0	3.18
Question 6	10	Thermodynamic	11	7	0	2.09
Question 7	10	Environmental physics	11	7.5	1	4.45
Question 8	15	Current electricit	3	1	0	0.33
Question 9	15	Electronics	10	4.5	0	2.10
Question 10	15	Electronic (logic gates)	10	5	0	1.90
PAPER 2						
Question 1	20	Fluid Dynamics	11	9	0	3.09
Question 2	20	Waves and Vibration	11	8	1	3.45
Question 3	20	Properties of matter	11	8	0	2.82
Question 4	20	Electrostatics	7	6.5	0	2.21
Question 5	20	Electromagnetism	8	12	4	6.75
Question 6	20	Modern physics	5	8	2	3.40
PAPER 3						
Question 1	20	Mechanics	11	13	5	10.45
Question 2	15		10	8	1.5	4.65
Question 3	15		11	8.5	1	3.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	20	0	11	9	6.1500	26/32	16/18	12/14

GRADE : A=0; B=0; C=0; D=1; E=4; S=6; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The ato	20	8	0	3.60
Question 2	10	Chemical bond	20	8	0	2.30
Question 3	10	Gas	18	2	0	0.56
Question 4	10	Chemical equilibrium, relative molecular in solution	20	6	0	1.05
Question 5	10	selected compound of metals	20	3	0	1.38
Question 6	10	energetic	18	9	1	5.25
Question 7	10	Chemical equilibrium	20	9	4	7.00
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	4	6	0	3.50
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	18	8	0	3.22
Question 10	15	environmental chemistry , soil chemistry	18	12	2	6.33
PAPER 2						
Question 1	20	Two component liquid system	20	17	2	6.85
Question 2	20	Chemical kinetics	20	19	2	11.45
Question 3	20	Acid, base and salt, solubility and solubility product	20	11	0	4.75
Question 4	20	Metal extraction, extraction of metal, periodic classification	14	18	1	4.64
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	11	10	0	5.18
Question 6	20	Polymer, Transition elements	8	7	0	1.00
PAPER 3						
Question 1	26	Redox titration, Acid base tit-ratio using two indicators	20	20	2	13.10
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	20	24	5	13.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	19	0	13	6	6.0000	28/31	15/17	12/13

GRADE : A=0; B=0; C=0; D=1; E=4; S=8; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	19	8	1	3.95
Question 2	10	Biochemistry	19	4	0	1.26
Question 3	10	Principle of classification	19	6	0	1.89
Question 4	10	coordination	13	6	0	2.35
Question 5	10	Nutrition	19	8	0	5.76
Question 6	10	Reproduction	16	3	0	0.25
Question 7	10	Gaseous exchange	19	7	0	2.03
Question 8	15	Reproduction	11	10	3	6.09
Question 9	15	Transportation	14	12	0	3.71
Question 10	15	Gaseous exchange	13	10	0	1.69
PAPER 2						
Question 1	20	Classification	19	14	4	10.71
Question 2	20	Regulation and excretion	17	13	0	5.06
Question 3	20	Growth and development	16	12	1.5	6.59
Question 4	20	Genetics	13	14	0	3.31
Question 5	20	Ecology	11	19	0	9.64
Question 6	20	Evolution	18	14	0	6.83
PAPER 3						
Question 1	20	Classification	19	17	5.5	11.32
Question 2	15	Cytology and biochemistry	19	12	1	8.74
Question 3	15	Classification	19	13	4.5	10.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	24	0	24	0	3.8750	24/39	15/23	10/16

GRADE : A=0; B=1; C=6; D=14; E=1; S=2; 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	24	10	0	5.33
Question 2	20	Application of statistics	21	17.5	0	10.62
Question 3	20	Map reading and map interpretation	3	5	2	4.00
Question 4	20	External forces that affect earth	15	15	2	8.73
Question 5	20	Soil science	23	19	4	12.13
Question 6	20	Water masses	19	9	0	2.16
Question 7	20	Space dynamic	14	13	5	9.64
PAPER 2						
Question 1	20	Human population	24	18	1	12.92
Question 2	20	Human population	13	18	6	13.88
Question 3	20	Transport and communication	3	16	1	8.33
Question 4	20	Agriculture	20	18	2	16.03
Question 5	20	Mining	21	16	8	14.14
Question 6	20	Transport and communication	24	17	13	15.44
Question 7	20	Fishing	14	18	5	14.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	40	0	40	0	3.9500	30/39	20/23	14/16

GRADE : A=0; B=1; C=10; D=20; E=8; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	40	19	7.5	12.90
Question 2	20	Philosophy and religion	38	18	7.5	13.07
Question 3	20	Life skills	40	14.5	2	8.80
Question 4	20	International affairs	19	15	10	13.11
Question 5	20	International affairs	7	13	8.5	10.86
Question 6	20	The practice of democracy	26	13	0.5	11.12
Question 7	20	Science and technology	28	15	0	7.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	11	0	10	1	4.3636	24/34	12/18	7/12

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu	11	7	1	4.64
Question 2	10	Sarufi	11	7	2	5.05
Question 3	10	Sarufi	11	8	0	4.00
Question 4	10	Matumizi ya lugha	11	10	0	8.91
Question 5	20	Utungaji	10	17	14	15.70
Question 6	20	Maendeleo ya kiswahili	9	17	6	12.94
Question 7	20	Maendeleo ya kiswahili	3	10	2	4.67
Question 8	20	Tafsiri na ukaliman	11	11	2	5.36
PAPER 2						
Question 1	10	fasihi kwa ujumla	9	10	8	9.39
Question 2	10	fasihi kwa ujumla	10	10	0	8.60
Question 3	10	fasihi kwa ujumla	9	1	0	0.22
Question 4	10	Usanifu wa maandishi	9	8	1	5.83
Question 5	20	Uhsairi	10	15	1	13.20
Question 6	20	Riwaya	10	14	7	10.65
Question 7	20	Riwaya	8	12	0	4.13
Question 8	20	Tamthiliya	2	12	5	8.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	14	0	14	0	4.5714	30/36	17/20	11/14

GRADE : A=0; B=0; C=0; D=7; E=6; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	14	8	0	5.29
Question 2	10	Word formation	14	6	2	3.93
Question 3	10	Language skills (speaking)	13	0	0	0.00
Question 4	10	Translation and interpretation	14	10	5	8.86
Question 5	20	Language skills (writing)	14	15.5	2	9.64
Question 6	20	Language skills (listening)	14	18.5	9	13.96
Question 7	20	Language skills (speech)	3	8	0	2.67
Question 8	20	Introduction to language (language variation)	11	14	5	9.73
PAPER 2						
Question 1	10	Introduction to literature	14	7	3	5.07
Question 2	10	Introduction to literature	14	10	2.5	6.25
Question 3	10	Introduction to literature	12	9.5	0	5.29
Question 4	10	poetry	11	8	1	4.00
Question 5	20	play / drama	11	18	2	14.82
Question 6	20	Introduction to literature (poetry)	13	12	2.5	7.73
Question 7	20	poetry	10	11	6	9.10
Question 8	20	poetry	4	17	12	14.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	20	0	13	7	5.7000	34/38	20/22	14/16

GRADE : A=0; B=0; C=0; D=4; E=5; S=4; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	19	13	1	10.11
Question 2	20	Africa and Europe in the 15thc	19	16.5	10	13.87
Question 3	20	Colonial economy and social services after the second world war (1945)	12	15	6	11.79
Question 4	20	From colonialism to the first world war (1914)	7	10.5	1.5	5.86
Question 5	20	People of African origin in the new world	9	15	0.5	9.28
Question 6	20	Political and economic development since independence	18	11	1	5.67
Question 7	20	Africa nationalism and struggle for independence	15	17	1	13.83
PAPER 2						
Question 1	20	Imperialism and territorial division of the World	20	13.5	0	4.53
Question 2	20	The rise of USA as capitalist leading power	19	14	2	8.76
Question 3	20	The rise of dictatorship in Europe	12	5	0	1.58
Question 4	20	The rise of socialism	12	10	0	4.33
Question 5	20	Threat of socialism	3	3	0	2.00
Question 6	20	The rise of capitalism in Europe	14	12	1	4.79
Question 7	20	The rise of democracy in Europe	18	14	0.5	8.97

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	19	0	10	9	5.6316	7/38	5/22	2/15

GRADE : A=0; B=0; C=1; D=5; E=3; S=1; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	19	7	0	5.16
Question 2	10	Function	19	9	0	4.29
Question 3	10	Algebra	19	10	0	4.11
Question 4	10	Differentiation	19	10	0	4.61
Question 5	10	integration	18	10	0	2.06
Question 6	10	Statistic	19	9	2.5	6.47
Question 7	10	probability	17	10	0	3.21
Question 8	10	trigonometr	12	7	0	3.67
Question 9	10	Exponential function	18	7	0	2.22
Question 10	10	matrix and linear programming	19	7	2	4.79