



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

**Msfuni Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	15	0	1	14	6.9333	24/32	16/20	2/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	15	5	0	2.67
Question 2	10	Hyperbolic function	10	10	0	3.85
Question 3	10	Linear programming	14	10	0	6.50
Question 4	10	Statistics	14	8	0	3.86
Question 5	10	Sets	15	10	0	4.43
Question 6	10	Function	14	9	0	3.14
Question 7	10	Numerical method	12	8.5	0	4.13
Question 8	10	Coordinate geometry I	15	7	0	0.47
Question 9	10	Integration	15	0	0	0.00
Question 10	10	Differentiation	15	3.5	0	0.57
<b>PAPER 2</b>						
Question 1	15	Probability	15	7	0	0.97
Question 2	15	Logic	15	12	0	4.97
Question 3	15	Vector	15	10	0	3.27
Question 4	15	Complex number	15	5	0	2.27
Question 5	20	Trigonometric ratio	15	7	0	1.60
Question 6	20	Algebra	4	14	0	4.50
Question 7	20	Differentiation equation	15	11	0	5.43
Question 8	20	Coordinate geometry II	15	5	0	0.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	37	0	11	26	6.5405	27/30	17/18	3/3

GRADE : A=0; B=0; C=0; D=0; E=6; S=5; F=26;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	37	9	0	4.08
Question 2	10	Gravitation	36	4.5	0	0.76
Question 3	10	Circular motion, gravitation	36	10	0	2.61
Question 4	10	Projectile motion, Newton's law of motion	34	5	0	1.25
Question 5	10	Heat	35	8	0	3.39
Question 6	10	Heat	27	5	0	0.89
Question 7	10	Environmental physics	36	9	1	5.19
Question 8	15	Current electricity	31	5	0	2.66
Question 9	15	Electronics	12	9	0	2.33
Question 10	15	Electronics	24	5	0	1.29
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	36	17	1.5	8.78
Question 2	20	Waves	29	6	0	3.26
Question 3	20	Properties of materials (matter)	36	20	0	12.56
Question 4	20	Static electricity	28	10	0	2.95
Question 5	20	Electromagnetism	4	4	0	2.13
Question 6	20	Morden physics	34	14.5	0	3.87
<b>PAPER 3</b>						
Question 1	20	Mechanics	36	20	2	14.47
Question 2	15	Heat	36	13	0	7.00
Question 3	15	Current electricity	36	14	2	6.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	51	0	32	19	5.8431	24/32	15/18	3/3

GRADE : A=0; B=0; C=0; D=5; E=17; S=10; F=19;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	51	9.5	0	5.58
Question 2	10	Chemical bonding	51	8.5	0	4.28
Question 3	10	Gases	51	8	0	3.50
Question 4	10	Relative molecular masses in solution	49	10	0	4.42
Question 5	10	Inorganic (selected compounds of metals)	41	10	0	0.68
Question 6	10	Thermochemistry	51	10	0	2.57
Question 7	10	Chemical equilibrium	51	7	0	1.42
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	44	12	0	5.03
Question 9	15	Organic chemistry (aromatic hydrocarbons)	9	11.5	0	7.00
Question 10	15	Soil chemistry	47	14	0	7.30
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	48	16	0	5.46
Question 2	20	Chemical kinetics	46	11	0	1.82
Question 3	20	Buffer solution (Acid, base and salts)	45	17	0	4.60
Question 4	20	Periodic classification	38	19	0	2.92
Question 5	20	Transition elements	39	17	0	4.97
Question 6	20	Carbonl compounds	24	18	0	4.60
<b>PAPER 3</b>						
Question 1	20	Redox titration	50	19.5	6	16.10
Question 2	15	Thermochemistry (energetic)	50	14	3	10.36
Question 3	15	Qualitative analysis	50	15	10	13.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	45	0	23	22	5.9556	28/31	15/17	3/3

GRADE : A=0; B=0; C=0; D=7; E=10; S=6; F=22;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	45	7	1	3.49
Question 2	10	Biochemistry	45	10	0	2.51
Question 3	10	Principles of classification	45	8.5	0	3.54
Question 4	10	Coordination	45	6.5	0	1.51
Question 5	10	Nutrition	45	4	0	0.24
Question 6	10	Reproduction	43	4	0	0.58
Question 7	10	Respiration and gaseous exchange	45	7	0	3.29
Question 8	15	Reproduction	24	4	0	0.54
Question 9	15	Transport of materials	39	15	0	4.01
Question 10	15	Respiration and gaseous exchange	22	12	0	1.73
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	44	16	3	10.00
Question 2	20	Evolution	45	14	1	7.84
Question 3	20	Genetics	24	17	0	5.96
Question 4	20	Growth and development	45	13	0	6.98
Question 5	20	Osmoregulation, homeostasis and excretion	44	14	0	6.07
Question 6	20	Ecology	21	16.5	4.5	10.14
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	44	20	9	14.97
Question 2	15	Cytology (biochemistry)	44	14	0	8.07
Question 3	15	Principles of classification	44	15	5.5	11.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	69	0	64	5	4.7826	32/39	18/23	5/5

GRADE : A=0; B=1; C=6; D=21; E=25; S=11; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	69	24	0	7.78
Question 2	15	Photograph	39	14	0	4.88
Question 3	15	Survey	28	9	0	4.04
Question 4	20	Dynamic earth and Consequences	10	10	0	1.40
Question 5	20	Soil	63	18	0	7.85
Question 6	20	Water Masses	68	16	0	5.48
Question 7	20	Space Dynamics	52	17	0	7.81
<b>PAPER 2</b>						
Question 1	20	Population	69	18	0	6.45
Question 2	20	Population	66	20	1	14.94
Question 3	20	Agriculture	5	12	1	6.60
Question 4	20	Tourism	69	20	1	14.91
Question 5	20	Industry	69	18	3.5	15.50
Question 6	20	Fishing	60	17	0	12.13
Question 7	20	Fuel and power	5	17	12	14.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	123	0	115	8	4.4797	29/39	19/23	5/5

GRADE : A=0; B=1; C=21; D=46; E=36; S=11; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	47	13	0	6.47
Question 2	20	Contemporary and cross cutting issues	113	16	2	10.09
Question 3	20	Democracy	123	17.5	0	10.83
Question 4	20	Contemporary and cross cutting issues	86	15	2	10.17
Question 5	20	Science and technology	77	20	0.5	10.47
Question 6	20	International affairs	83	14.5	0	7.17
Question 7	20	Globalization	87	20	0.5	12.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	29	0	26	3	5.1379	22/34	12/18	3/4

GRADE : A=0; B=0; C=0; D=8; E=12; S=6; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu na ufupisho	29	10	4	7.78
Question 2	10	Sarufi (aina za maneno)	29	8	0	3.19
Question 3	10	Sarufi (kufasili maneono / istilahi)	29	10	0	5.26
Question 4	10	Utumizi wa lugha	29	10	0	6.71
Question 5	20	Uandishi	25	20	12	15.60
Question 6	20	Maendeleo ya kiswahili	19	19	1	14.26
Question 7	20	Maendeleo ya kiswahili	13	19	10	14.00
Question 8	20	Tafsiri na ukalimani	29	20	0	5.72
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	27	9.5	0	5.65
Question 2	10	Fasihi simulizi	25	4	0	1.04
Question 3	10	Fasihi simulizi	11	0	0	0.00
Question 4	10	Usanifu wa maandishi	27	9	2.5	5.56
Question 5	20	Fasihi simulizi	27	11	0	2.11
Question 6	20	Riwaya	24	18.5	0	5.38
Question 7	20	Tamthiliya	20	16.5	2	11.53
Question 8	20	Tamthiliya	14	18	1	7.29

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	40	0	39	1	3.4250	24/36	13/20	3/5

GRADE : A=0; B=7; C=16; D=12; E=4; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Introduction to language	40	10	1	7.63
Question 2	10	Introduction to language	40	10	6	9.10
Question 3	10	Introduction to language	38	10	0	5.45
Question 4	10	Introduction to language	37	10	0	8.05
Question 5	20	Word formation	40	20	8	12.75
Question 6	20	Listening skills	39	18	5	13.05
Question 7	20	Speaking	25	19	7	15.04
Question 8	20	Translation and interpretation	15	19	1	12.00
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	40	8	0	2.68
Question 2	10	Introduction to literature	39	7	4	5.36
Question 3	10	Introduction to literature	34	8	0	1.56
Question 4	10	Stylistics and communication	38	10	0	3.00
Question 5	20	Novels	39	20	3	13.08
Question 6	20	Plays	40	17	0	12.58
Question 7	20	Poetry	24	19	4	14.13
Question 8	20	Poetry	15	16	6	12.27

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	63	0	61	2	4.0159	27/38	18/22	5/5

GRADE : A=1; B=7; C=9; D=27; E=13; S=4; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Political and economic development in Tanzania since independence	63	16	0	5.85
Question 2	20	Africa and Europe in the 15th C	60	19.5	5	14.99
Question 3	20	People of African origin in the new World	34	15	2	9.65
Question 4	20	From colonialism to the First World War	58	17.5	2	12.79
Question 5	20	Colonial economy and social services after Second World War	22	18	0	10.00
Question 6	20	Pre-colonial African societies	57	17	0	9.55
Question 7	20	Influence of external forces and the rise of nationalism in Africa	19	16	2	12.34
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	63	20	2	17.99
Question 2	20	Imperialism and territorial division of the World	54	17	1	12.52
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	51	17	2	10.44
Question 4	20	The emergence of USA as a super power nation	34	17	0	7.34
Question 5	20	The rise of capitalism in Europe	46	17.5	0	8.29
Question 6	20	The rise of socialism	26	14	0	3.69
Question 7	20	Threat to the World peace after WWII	31	19	4.5	15.32

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	59	0	9	50	6.7288	24/38	16/22	3/5

GRADE : A=0; B=0; C=0; D=1; E=5; S=3; F=50;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	59	10	0	5.13
Question 2	10	Functions	59	9	0	1.31
Question 3	10	Algebra	59	5.5	0	1.34
Question 4	10	Differentiation	59	7.5	0	2.64
Question 5	10	Integration	59	10	0	1.77
Question 6	10	Statistics	59	9	0	2.11
Question 7	10	Probability	59	8	0	0.73
Question 8	10	Trigonometry	59	8.5	0	0.36
Question 9	10	Exponential and logarithmic functions	59	10	0	1.21
Question 10	10	Matrices and linear programming	58	8.5	0	3.30

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	20	0	7	13	6.3000	31/33	19/21	4/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Subject matter of economics	17	10	0	2.24
Question 2	10	Trade cycle	20	10	0	4.15
Question 3	20	Theory of demand and supply	3	8	2.5	5.17
Question 4	20	Theory of firm	19	14	0	4.82
Question 5	20	Concept of market	16	10	0	4.31
Question 6	20	Money and price index	9	13.5	0	2.89
Question 7	20	Privatization	18	15.5	0	9.75
Question 8	20	Employment and unemployment	11	10	0	1.36
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	20	10	0	6.85
Question 2	10	Public finance	19	4	0	1.05
Question 3	20	National income	8	10	5	7.81
Question 4	20	Financial institution	17	11	2	6.71
Question 5	20	Public finance	15	18	0	7.57
Question 6	20	International trade	11	16	10.5	14.23
Question 7	20	Marketing and distribution	16	16.5	0	9.13
Question 8	20	Structure of Tanzania economy	11	15.5	9	12.32

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
DIVINITY	3	0	3	0	3.0000	1/6	1/3	1/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	100	Various Topics	3	88	79	82.67
<b>PAPER 2</b>						
Question 1	100	Various Topics	3	49	34	41.33