



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

**St. Mary Goreti Secondary School  
FORM SIX SUBJECTS PERFORMANCE REPORT - 2022**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	82	0	57	25	5.2439	4/31	2/18	2/14

**GRADE : A=0; B=1; C=7; D=23; E=16; S=10; F=25;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating devices	81	7.5	0	3.61
Question 2	10	Hyperbolic functions	80	9	0	2.62
Question 3	10	Linear programming	82	10	8	8.83
Question 4	10	Statistics	82	10	0	3.60
Question 5	10	Sets	82	10	2	7.34
Question 6	10	Functions	82	10	1	6.80
Question 7	10	Numerical methods	82	9.5	0.5	5.45
Question 8	10	Coordinate geometry 1	73	7	0	2.21
Question 9	10	Integration	39	3.5	0	0.97
Question 10	10	Differentiation	40	3.5	0	1.00
<b>PAPER 2</b>						
Question 1	15	Probability	76	10	0	2.50
Question 2	15	Logic	82	15	0	8.59
Question 3	15	Vectors	80	15	0	8.36
Question 4	15	Complex numbers	80	15	0	8.48
Question 5	20	Trigonometry	50	20	0	8.37
Question 6	20	Algebra	79	20	0	12.39
Question 7	20	Differential equations	9	5	0	2.06
Question 8	20	Coordinate geometry II	22	15.5	0	4.27

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	107	0	84	23	5.1028	5/30	5/18	3/14

**GRADE : A=0; B=1; C=9; D=25; E=38; S=11; F=23;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	107	10	1	6.36
Question 2	10	Newton's Laws and SHM	107	10	0	3.43
Question 3	10	Moment of gravitational force	107	10	0	5.83
Question 4	10	Gravitational force moment on inertia	107	10	0	1.91
Question 5	10	Heat	107	9	0	3.43
Question 6	10	Heat	107	10	0	5.49
Question 7	10	Environmental physics	107	10	0	6.49
Question 8	15	Current electricity	35	10	0	3.10
Question 9	15	Electronics	103	11	1	4.93
Question 10	15	Electronics	68	13	0	4.47
<b>PAPER 2</b>						
Question 1	20	Fluid mechanics	107	20	1	13.16
Question 2	20	Waves	107	17	0	6.58
Question 3	20	Properties of matter	105	20	0	10.28
Question 4	20	Electrostatics	90	17	0	5.01
Question 5	20	Electromagnetism	15	11	0	2.67
Question 6	20	Modern physics	106	20	3	10.73
<b>PAPER 3</b>						
Question 1	20	Mechanics	107	20	2.5	12.21
Question 2	15	Heat	107	14	0	7.37
Question 3	15	Current electricity	107	15	0.5	4.73

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	122	0	12	110	6.8689	11/32	9/18	6/14

GRADE : A=0; B=0; C=0; D=0; E=4; S=8; F=110;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Relative molecular mass in a solution	122	8.5	0	3.88
Question 2	10	Energetics	122	10	0	3.26
Question 3	10	Selected compound of metals	119	6	0	2.56
Question 4	10	Aliphatic hydrocarbon	114	6	0	1.89
Question 5	10	Chemical bonding	112	4	0	0.83
Question 6	10	Aromatic hydrocarbon, halo al vane	96	6	0	1.81
Question 7	10	Environmental chemistry	103	10	0	2.62
Question 8	15	Gases	31	5.5	0	1.90
Question 9	15	Equilibrium	114	9	0	4.71
Question 10	15	Atomic structure	97	9	0	3.74
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	110	16	0	4.49
Question 2	20	Electrochemistry, chemical kinetics	91	8	0	1.47
Question 3	20	Acid, base and salt, solubility and solubility product	114	17.5	0	4.88
Question 4	20	Repidic classification, extraction of metal	83	13	0	1.81
Question 5	20	Transition metal	116	8	0	3.54
Question 6	20	Carbon compounds, carboxylic acid, amine	85	12	0	3.26
<b>PAPER 3</b>						
Question 1	20	Acid - base tit ration	122	13.5	5.5	10.00
Question 2	15	Solubility	120	10.5	0	3.07
Question 3	15	Qualitative analysis	122	14.5	3	10.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	83	0	82	1	3.9277	6/31	5/17	3/13

GRADE : A=0; B=6; C=26; D=24; E=23; S=3; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	83	9	1	4.35
Question 2	10	Biochemistry	82	7.5	0	3.37
Question 3	10	Principle of classification	83	10	0	7.27
Question 4	10	Nutrition	83	10	0	5.30
Question 5	10	Gaseous exchange and respiration	73	9	0	1.44
Question 6	10	Coordination	83	10	0	3.75
Question 7	10	Reproduction	81	10	0	1.20
Question 8	15	Reproduction	61	14.5	0	7.95
Question 9	15	Gaseous exchange and respiration	79	14	0	7.76
Question 10	15	Transport of materials	27	13	2	6.67
<b>PAPER 2</b>						
Question 1	20	Comparative studies of natural groups	76	19	2	8.76
Question 2	20	Growth and development	82	20	0	10.52
Question 3	20	Excretion, osmoregulation and homeostasis	81	12	0	5.85
Question 4	20	Genetics	82	20	1	15.85
Question 5	20	Evolution	83	20	2	13.58
Question 6	20	Ecology	8	3	0	1.75
<b>PAPER 3</b>						
Question 1	20	Comparative studies of natural groups	83	20	6	16.81
Question 2	15	Comparative studies of natural groups	83	15	6.5	13.34
Question 3	15	Cytology	83	15	8	13.84

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	91	0	91	0	2.5604	1/40	1/23	1/16

GRADE : A=2; B=41; C=43; D=5; 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	25	Map reading and interpretation	91	19	3	11.44
Question 2	15	Elementary survey	4	8.5	2	4.50
Question 3	15	Photograph reading and interpretation	87	14	3	10.09
Question 4	20	Water masses	88	20	6	13.44
Question 5	20	Space dynamics	25	15	5	10.40
Question 6	20	Space dynamics	81	20	2	14.23
Question 7	20	Soil	79	20	4	17.05
<b>PAPER 2</b>						
Question 1	20	Population and development	91	18	7	13.38
Question 2	20	Population and development	60	19	10	15.43
Question 3	20	Mining industry	60	18.5	10	14.98
Question 4	20	Agriculture	73	18	10	15.67
Question 5	20	Tourism industry	43	17	8	11.35
Question 6	20	Manufacturing industry	61	19	10	16.33
Question 7	20	Forest resources	67	19	8	14.19

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	275	0	274	1	2.6036	15/40	7/23	4/16

GRADE : A=9; B=131; C=102; D=29; E=2; S=1; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	275	17.5	0	14.59
Question 2	20	Cross-cutting issues in Tanzania	273	18	7.5	14.77
Question 3	20	Science and technology in development	252	18.5	1	13.00
Question 4	20	Democratic process and practice	205	19	5	13.87
Question 5	20	International co-operation	182	19	0	14.45
Question 6	20	International co-operation	124	17	4.5	12.01
Question 7	20	Life skills	57	16.5	0	9.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	49	0	49	0	3.3673	1/7	1/4	1/4

GRADE : A=2; B=11; C=15; D=12; E=6; S=3; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Investment	45	8	0	3.50
Question 2	10	Nature of accountancy	49	9.5	0	5.78
Question 3	10	Correction of errors	48	10	0.5	8.14
Question 4	10	Depressions	47	10	2	7.85
Question 5	20	Branch account	0	0	0	0.00
Question 6	20	Ration interpretations	49	20	4	13.78
Question 7	20	Final accounts	49	20	12	17.90
Question 8	20	Depressions	48	20	3	10.62
<b>PAPER 2</b>						
Question 1	10	Company accounts	46	10	0	5.22
Question 2	10	Cost accounts	35	10	0	4.26
Question 3	10	Stock accounts	49	9.4	0	5.36
Question 4	10	Royalty accounts	48	10	0	9.18
Question 5	20	Company accounts	42	19	0	11.94
Question 6	20	Partnership accounts	29	18	2	9.41
Question 7	20	Payroll accounts	47	19	0	11.81
Question 8	20	Manufacturing accounts	26	15	1	8.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	19	0	17	2	4.4737	29/34	17/18	12/13

GRADE : A=0; B=0; C=0; D=14; E=3; S=0; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu	19	8.5	4	7.45
Question 2	10	Matumizi ya sarufi	19	10	2	8.42
Question 3	10	Matumizi ya lugha	19	10	4	7.00
Question 4	10	Matumizi ya sarufi	19	8	2	6.16
Question 5	20	Uandishi	16	19	11	14.50
Question 6	20	Maendeleo ya kiswahili	19	16	7	12.37
Question 7	20	Maendeleo ya kiswahili	3	15	11.5	13.50
Question 8	20	Tafsiri na ukalimani	19	15	0	5.37
<b>PAPER 2</b>						
Question 1	10	Fasihi kwa ujumla (hadithi)	19	5	0	1.34
Question 2	10	Fasihi kwa ujumla	19	6	0	1.92
Question 3	10	Fasihi kwa ujumla (dhana ya udhamini)	19	9.5	4.5	6.92
Question 4	10	Usanifu wa maandishi	19	9	0	5.89
Question 5	20	Uhakiki wa kazi za fasihi andishi (riwaya)	18	17	8	13.44
Question 6	20	Uhakiki wa kazi za fasihi andishi (tamthilia)	19	19	2	6.42
Question 7	20	Uhakiki wa kazi za fasihi andishi (ushairi)	19	16	2	3.89
Question 8	20	Uhakiki wa kazi za fasihi andishi (ushairi)	1	3	3	3.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	36	0	36	0	4.0833	32/38	16/21	11/15

GRADE : A=0; B=0; C=5; D=23; E=8; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Introduction to language	36	9.5	5.5	8.14
Question 2	10	Introduction to language	36	10	0	7.31
Question 3	10	Writing skills	35	6	0	1.17
Question 4	10	Reading skills	36	10	1	6.36
Question 5	20	Introduction to language	36	16	7	11.64
Question 6	20	Writing skills	34	20	0	12.44
Question 7	20	Listening skills	20	18	11	16.40
Question 8	20	Translation and interpretation	16	18	7	11.44
<b>PAPER 2</b>						
Question 1	10	stylistics and communication	36	8	0	4.25
Question 2	10	theories of literature	31	8	0	0.32
Question 3	10	stylistics and communication	34	9	2	5.78
Question 4	10	theories of literature	36	6	0	0.17
Question 5	20	Literary works	36	17	8	10.10
Question 6	20	Literary works	19	20	6	13.87
Question 7	20	Literary works	18	16	7	12.58
Question 8	20	Literary works	35	16	8.5	13.20

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	61	0	61	0	3.6885	18/39	11/22	7/16

GRADE : A=0; B=2; C=25; D=25; E=8; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Pre colonial African societies	61	18	8.5	14.45
Question 2	20	Africa and Europe by the 15th Century	42	18	1	7.36
Question 3	20	People of Africa origin in the new World	60	19	7	13.50
Question 4	20	Colonial economy and social services after the WWII	38	18	4	13.34
Question 5	20	Colonial economy and social services after the WWII	16	18.5	1	10.31
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	48	14	1.5	9.92
Question 7	20	Political and economic development in Tanzania since independence	37	15.5	0.5	12.53
<b>PAPER 2</b>						
Question 1	20	Rise of capitalism in Europe	61	16	10	13.53
Question 2	20	Rise of democracy in Europe	61	18	0	14.45
Question 3	20	Emergency of USA as a new super power	6	9	1	4.42
Question 4	20	Rise of socialism	29	16	7.5	12.79
Question 5	20	Threat of World peace	52	14	0	7.64
Question 6	20	Rise of dictatorship	37	15	0	9.18
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	57	15.5	0	10.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
COMMERCE	49	0	49	0	4.2449	3/7	2/4	2/4

GRADE : A=0; B=0; C=5; D=28; E=15; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Insurance	49	16	2.5	12.36
Question 2	20	Banking	49	17.5	6.5	11.46
Question 3	20	Transport	40	13	4	10.33
Question 4	20	Banking	23	16	6	10.02
Question 5	20	Production	26	16	5	11.38
Question 6	20	Business capital, trade in general	12	14	1	10.38
Question 7	20	Wholesalers	46	17	7.5	12.32
<b>PAPER 2</b>						
Question 1	20	BANKING	49	13	0	8.02
Question 2	20	BUSINESS MANAGEMENT	33	14	1	10.74
Question 3	20	BUSINESS CAPITAL	44	12	4	8.02
Question 4	20	BUSINESS UNIT	46	17	4	11.68
Question 5	20	BUSINESS UNIT	23	12.5	1.5	6.98
Question 6	20	BUSINESS OFFICE	45	16	4	9.46
Question 7	20	CONTRACT OF SALES	8	17.5	0	11.13

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	157	0	79	78	5.5924	9/38	6/22	4/15

GRADE : A=5; B=5; C=8; D=24; E=25; S=12; F=78;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	157	10	0	5.93
Question 2	10	Funtions	148	10	0	3.73
Question 3	10	Algebra	150	9	0	3.12
Question 4	10	Differentiation	143	10	0	4.56
Question 5	10	Integration	114	10	0	1.54
Question 6	10	Statistics	156	10	0.5	6.15
Question 7	10	Probability	154	10	0	4.27
Question 8	10	Trigonometry	140	10	0	4.70
Question 9	10	Exponential and logarithmic function	134	10	0	1.54
Question 10	10	Matrix	150	10	0	3.94

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	117	0	116	1	3.5214	6/33	5/22	3/15

GRADE : A=5; B=14; C=40; D=36; E=18; S=3; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	The subject matter of economics	117	10	2	7.71
Question 2	10	Population	117	10	2	6.56
Question 3	20	Production	101	20	0	14.06
Question 4	20	Demand and supply	34	20	0	9.82
Question 5	20	Theories of firm	98	20	0	13.23
Question 6	20	Environmental economics	112	20	1.5	11.37
Question 7	20	Theories of money	37	17	0	3.32
Question 8	20	Employment and unemployment	84	19	0	10.42
<b>PAPER 2</b>						
Question 1	10	Economic growth and development	117	10	4	7.93
Question 2	10	Economic integration	117	10	5	9.13
Question 3	20	National income	90	20	0.2	9.85
Question 4	20	Financial institutions	38	15.5	0	10.39
Question 5	20	International trade	84	20	0	13.87
Question 6	20	Economic structure of Tanzania	108	19.5	5	12.37
Question 7	20	Economic planning	88	16	0	7.40
Question 8	20	Financial institutions	38	19	2	11.79

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND HUMAN NUTRITION	9	0	9	0	3.4444	2/4	1/2	1/2

GRADE : A=0; B=1; C=3; D=5; 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	10	Food composition	9	7.5	2.5	4.61
Question 2	10	Food storage	9	8	4	6.33
Question 3	10	Food composition and malnutrition	9	6	3	4.50
Question 4	10	Food storage and food processing	9	5	3	4.00
Question 5	10	Food storage	9	6.5	0	2.83
Question 6	10	Food microbiology	9	10	5	7.11
Question 7	20	Technology of specific products	9	16	11	14.00
Question 8	20	Food processing	4	15	11	12.50
Question 9	20	Catering and institutional feeding	5	16.5	2	7.50
<b>PAPER 2</b>						
Question 1	10	Food storage	9	10	4	7.50
Question 2	10	Catering and institutional feeding	9	10	6	7.83
Question 3	10	Malnutrition	9	9	2	6.06
Question 4	10	Intervention programs	9	10	2	6.06
Question 5	10	Food quality and safety	9	8	2.5	4.50
Question 6	10	Intervention programs	9	8	2	5.17
Question 7	20	Catering and institutional feeding	5	18	1	8.40
Question 8	20	Malnutrition	4	18	9	12.13
Question 9	20	Malnutrition	9	20	9	16.33
<b>PAPER 3</b>						
Question 1	15	Food preservation	9	15	7.5	10.89
Question 2	20	Technology of specific product	9	17	9	11.44
Question 3	15	Food composition	9	14.5	11	13.00