



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

**Edmund Rice Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	21	0	2	19	6.9048	23/32	5/8	4/5

GRADE : A=0; B=0; C=0; D=0; E=0; S=2; F=19;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	21	7.5	0	1.79
Question 2	10	Hyperbolic function	14	8	0	3.36
Question 3	10	Linear programming	19	7	0	3.37
Question 4	10	Statistics	20	6	0.5	2.73
Question 5	10	Sets	21	10	0	4.88
Question 6	10	Function	14	10	0	3.50
Question 7	10	Numerical method	12	5.5	0	1.88
Question 8	10	Coordinate geometry I	21	5	0	0.40
Question 9	10	Integration	21	3.5	0	0.40
Question 10	10	Differentiation	21	2.5	0	0.64
<b>PAPER 2</b>						
Question 1	15	Probability	21	11	0	2.05
Question 2	15	Logic	21	12	0	3.57
Question 3	15	Vector	21	3	0	1.14
Question 4	15	Complex number	21	10	0	1.81
Question 5	20	Trigonometric ratio	21	9	0	1.33
Question 6	20	Algebra	20	9	0	3.25
Question 7	20	Differentiation equation	21	0	0	0.00
Question 8	20	Coordinate geometry II	21	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	29	0	11	18	6.2759	24/30	6/9	3/4

GRADE : A=0; B=0; C=0; D=3; E=4; S=4; F=18;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	28	10	0	4.89
Question 2	10	Gravitation	28	5	0	1.39
Question 3	10	Circular motion, gravitation	27	10	0	2.33
Question 4	10	Projectile motion, Newton's law of motion	26	8	0	2.08
Question 5	10	Heat	28	8	0	2.13
Question 6	10	Heat	23	4	0	1.22
Question 7	10	Environmental physics	27	10	2	5.70
Question 8	15	Current electricity	8	6	0	2.63
Question 9	15	Electronics	19	9	0	3.26
Question 10	15	Electronics	18	6	0	1.28
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	29	15.5	0	7.07
Question 2	20	Waves	28	10	0	5.61
Question 3	20	Properties of materials (matter)	29	20	0	9.69
Question 4	20	Static electricity	18	4	0	1.11
Question 5	20	Electromagnetism	3	8	0	2.67
Question 6	20	Morden physics	25	13	0	6.44
<b>PAPER 3</b>						
Question 1	20	Mechanics	29	20	0	14.14
Question 2	15	Heat	29	10.5	0	6.41
Question 3	15	Current electricity	29	9.5	0	4.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	49	0	13	36	6.4898	30/32	8/10	3/4

GRADE : A=0; B=0; C=1; D=2; E=5; S=5; F=36;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Atomic structure	46	10	2	5.77
Question 2	10	Chemical bonding	49	9.5	0	4.02
Question 3	10	Gases	49	6	0	2.98
Question 4	10	Relative molecular masses in solution	49	8	0	3.88
Question 5	10	Inorganic (selected compounds of metals)	49	10	0	0.78
Question 6	10	Thermochemistry	47	10	0	3.72
Question 7	10	Chemical equilibrium	49	7	0	1.53
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	35	11	0	3.13
Question 9	15	Organic chemistry (aromatic hydrocarbons)	12	11	0	3.88
Question 10	15	Soil chemistry	39	12	0	5.46
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	49	12.5	0	5.11
Question 2	20	Chemical kinetics	46	12	0	2.63
Question 3	20	Buffer solution (Acid, base and salts)	47	11	0	3.71
Question 4	20	Periodic classification	48	20	0	3.33
Question 5	20	Transition elements	47	8.5	0	2.87
Question 6	20	Carbon compounds	2	6	0	3.00
<b>PAPER 3</b>						
Question 1	20	Redox titration	49	17.5	2.5	10.98
Question 2	15	Thermochemistry (energetic)	49	10	1.5	4.68
Question 3	15	Qualitative analysis	48	15	4	11.24

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	45	0	26	19	5.8000	25/31	8/10	3/4

GRADE : A=0; B=1; C=1; D=3; E=15; S=6; F=19;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	44	7	1	3.86
Question 2	10	Biochemistry	44	9	0	3.45
Question 3	10	Principles of classification	44	10	0	4.00
Question 4	10	Coordination	44	5	0	1.50
Question 5	10	Nutrition	44	5	0	0.39
Question 6	10	Reproduction	44	8	0	2.50
Question 7	10	Respiration and gaseous exchange	44	9	0	2.77
Question 8	15	Reproduction	23	7	0	0.91
Question 9	15	Transport of materials	41	12	0	1.05
Question 10	15	Respiration and gaseous exchange	25	12	0	1.76
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	44	19	6	9.68
Question 2	20	Evolution	40	12	0	5.60
Question 3	20	Genetics	24	20	0	8.35
Question 4	20	Growth and development	35	17	0	5.29
Question 5	20	Osmoregulation, homeostasis and excretion	39	17	0	7.49
Question 6	20	Ecology	41	20	0	13.51
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	44	20	5	13.50
Question 2	15	Cytology (biochemistry)	44	10	0	5.78
Question 3	15	Principles of classification	44	15	6	12.19

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	89	0	87	2	3.8427	13/39	3/12	3/5

GRADE : A=2; B=6; C=28; D=32; E=12; S=7; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Statistics	89	25	0	13.49
Question 2	15	Photograph	55	13.5	0	7.25
Question 3	15	Survey	33	9	0	4.91
Question 4	20	Dynamic earth and Consequences	30	15	0	9.38
Question 5	20	Soil	82	18	1	10.88
Question 6	20	Water Masses	85	19	0	6.27
Question 7	20	Space Dynamics	58	19	1	8.81
<b>PAPER 2</b>						
Question 1	20	Population	89	18	0	7.41
Question 2	20	Population	83	20	4	15.13
Question 3	20	Agriculture	36	16	6	11.50
Question 4	20	Tourism	86	20	1	15.84
Question 5	20	Industry	87	20	4	16.02
Question 6	20	Fishing	59	18	0	12.98
Question 7	20	Fuel and power	3	20	13	16.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	159	0	122	37	5.2704	38/39	12/12	5/5

GRADE : A=0; B=0; C=11; D=34; E=52; S=25; F=37;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	39	16	0	7.53
Question 2	20	Contemporary and cross cutting issues	132	16	1	9.03
Question 3	20	Democracy	138	16	0	10.14
Question 4	20	Contemporary and cross cutting issues	112	15	0	8.97
Question 5	20	Science and technology	84	19	0.5	10.63
Question 6	20	International affairs	111	18	0	7.55
Question 7	20	Globalization	104	17.5	0	10.89

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	13	0	7	6	6.0000	8/8	4/4	2/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Nature and context of accounting	13	7	0	3.12
Question 2	10	Provision and receives	12	10	2	7.75
Question 3	10	Depreciation	6	5	0	2.83
Question 4	10	Correction of error	12	6	0	2.33
Question 5	20	Branch account	12	14	0	6.25
Question 6	20	Investment account	2	5	3	4.00
Question 7	20	Financial statements and interpretation	9	14	2	7.67
Question 8	20	Financial statements	12	18	10	12.00
<b>PAPER 2</b>						
Question 1	10	Computerizing account	13	10	6	8.85
Question 2	10	Royalties account	13	9.5	3	7.35
Question 3	10	Stock valuation	11	9	0	3.55
Question 4	10	Company	2	3	0	1.50
Question 5	20	Cost account	5	10	2	6.40
Question 6	20	Hire purchase	5	12	0	4.20
Question 7	20	Containers account	12	13	0	6.58
Question 8	20	Payroll account	12	16	0	7.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	35	0	22	13	5.9714	34/34	12/12	5/5

GRADE : A=0; B=0; C=0; D=3; E=8; S=11; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu na ufupisho	35	10	3	7.24
Question 2	10	Sarufi (aina za maneno)	35	8	0	3.89
Question 3	10	Sarufi (kufasili maneono / istilahi)	35	8	0	4.20
Question 4	10	Utumizi wa lugha	35	9	0	4.79
Question 5	20	Uandishi	32	20	8	15.47
Question 6	20	Maendeleo ya kiswahili	21	19	1	9.95
Question 7	20	Maendeleo ya kiswahili	18	17	10	13.50
Question 8	20	Tafsiri na ukalimani	30	2	0	1.37
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	35	10	0	5.51
Question 2	10	Fasihi simulizi	35	6	0	1.60
Question 3	10	Fasihi simulizi	28	1	0	0.04
Question 4	10	Usanifu wa maandishi	35	5.5	0	2.73
Question 5	20	Fasihi simulizi	32	5	0	1.77
Question 6	20	Riwaya	30	19	1.5	4.20
Question 7	20	Tamthiliya	31	16	2	11.08
Question 8	20	Tamthiliya	9	18	1	7.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	64	0	63	1	3.6875	30/36	9/12	4/5

GRADE : A=0; B=7; C=23; D=21; E=10; S=2; 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	64	10	0	7.95
Question 2	10	Introduction to language	64	10	1	8.70
Question 3	10	Introduction to language	62	10	0	5.35
Question 4	10	Introduction to language	62	10	1	8.69
Question 5	20	Word formation	63	20	5	13.51
Question 6	20	Listening skills	63	18	0	12.87
Question 7	20	Speaking	34	18	2	10.74
Question 8	20	Translation and interpretation	28	16	1	6.71
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	64	10	0	2.33
Question 2	10	Introduction to literature	60	9	0	4.42
Question 3	10	Introduction to literature	57	10	0	2.04
Question 4	10	Stylistics and communication	59	10	0	5.27
Question 5	20	Novels	64	20	2	10.80
Question 6	20	Plays	64	17	8	12.56
Question 7	20	Poetry	34	20	4	15.68
Question 8	20	Poetry	31	17	5	12.77

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	81	0	76	5	3.8889	24/38	6/12	1/5

GRADE : A=3; B=9; C=25; D=16; E=18; S=5; F=5;

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	66	15	0	4.62
Question 2	20	Africa and Europe in the 15th C	78	18	3	13.42
Question 3	20	People of African origin in the new World	35	16	1	10.49
Question 4	20	From colonialism to the First World War	75	19	3	13.60
Question 5	20	Colonial economy and social services after Second World War	36	19	0	10.90
Question 6	20	Pre-colonial African societies	57	19	0	7.26
Question 7	20	Influence of external forces and the rise of nationalism in Africa	38	19.5	0	10.50
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	81	20	8	17.22
Question 2	20	Imperialism and territorial division of the World	49	17	2	13.06
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	59	16.5	1	10.81
Question 4	20	The emergence of USA as a super power nation	18	17	0	8.67
Question 5	20	The rise of capitalism in Europe	56	19.5	0	11.15
Question 6	20	The rise of socialism	64	18.5	0	12.95
Question 7	20	Threat to the World peace after WWII	49	19.5	7	15.12

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	13	0	12	1	4.3077	3/8	1/4	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Banking	13	10.5	4.5	7.42
Question 2	20	Insurance	13	14	0	10.73
Question 3	20	Advertising	13	14	0	7.35
Question 4	20	Trade	11	7	0	1.64
Question 5	20	Production	13	16	6	12.19
Question 6	20	Production	9	11	0	6.33
Question 7	20	Stock exchange	13	16	0	8.85
<b>PAPER 2</b>						
Question 1	20	Taxation	13	13	6	9.77
Question 2	20	Export trade	13	15	0	11.69
Question 3	20	Contract of sales	5	17	2	9.90
Question 4	20	Organization and management	13	16	0	7.54
Question 5	20	Business unit	3	12	2	7.17
Question 6	20	Business office	13	14	1	8.85
Question 7	20	Role of government in trade	10	11	3.5	6.15

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	70	0	5	65	6.7857	25/38	7/12	5/5

GRADE : A=0; B=0; C=2; D=1; E=2; S=0; F=65;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	70	10	0	6.69
Question 2	10	Functions	70	9.5	0	1.00
Question 3	10	Algebra	70	10	0	1.45
Question 4	10	Differentiation	70	8	0	0.88
Question 5	10	Integration	70	8	0	0.70
Question 6	10	Statistics	70	10	0	2.39
Question 7	10	Probability	70	6	0	0.37
Question 8	10	Trigonometry	70	7	0	0.31
Question 9	10	Exponential and logarithmic functions	70	4	0	0.23
Question 10	10	Matrices and linear programming	70	10	0	3.39

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	39	0	21	18	5.9487	27/33	6/8	4/4

GRADE : A=0; B=0; C=0; D=3; E=14; S=4; F=18;

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	34	8	0	2.29
Question 2	10	Trade cycle	37	10	0	5.05
Question 3	20	Theory of demand and supply	35	15	0	6.46
Question 4	20	Theory of firm	28	11.5	0	4.34
Question 5	20	Concept of market	9	6	0	1.83
Question 6	20	Money and price index	9	11.5	0	2.00
Question 7	20	Privatization	36	17	0	10.26
Question 8	20	Employment and unemployment	17	6	0	1.00
<b>PAPER 2</b>						
Question 1	10	Regional economic integration	39	10	0	5.14
Question 2	10	Public finance	38	6	0	2.00
Question 3	20	National income	16	10	0	6.09
Question 4	20	Financial institution	24	9	0	4.13
Question 5	20	Public finance	31	19	0	9.27
Question 6	20	International trade	14	17.5	11	14.00
Question 7	20	Marketing and distribution	36	16	0.5	11.46
Question 8	20	Structure of Tanzania economy	28	18	9.5	13.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
DIVINITY	10	0	9	1	4.9000	4/6	2/3	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	100	Various Topics	10	84	39	66.90
<b>PAPER 2</b>						
Question 1	100	Various Topics	10	40	14	23.70

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND HUMAN NUTRITION	0	0	0	0	0.0000	---	---	---

GRADE : A=0; B=0; C=0; 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	10	Nutrient requirement	0	0	0	0.00
Question 2	10	Nutrient requirement	0	0	0	0.00
Question 3	10	Food production	0	0	0	0.00
Question 4	10	Food production	0	0	0	0.00
Question 5	10	Food storage	0	0	0	0.00
Question 6	10	Food production	0	0	0	0.00
Question 7	20	Technology of specific product	0	0	0	0.00
Question 8	20	Food processing and preservation	0	0	0	0.00
Question 9	20	Food safety	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	10	Catering and institutional feeding	0	0	0	0.00
Question 2	10	Food microbiology	0	0	0	0.00
Question 3	10	Food microbiology	0	0	0	0.00
Question 4	10	Catering and institutional feeding	0	0	0	0.00
Question 5	10	Intervention program planning	0	0	0	0.00
Question 6	10	Malnutrition	0	0	0	0.00
Question 7	20	Intervention program planning	0	0	0	0.00
Question 8	20	Catering and institutional feeding	0	0	0	0.00
Question 9	20	Malnutrition	0	0	0	0.00
<b>PAPER 3</b>						
Question 1	20	Food composition, food preservation	0	0	0	0.00
Question 2	15	Food composition	0	0	0	0.00
Question 3	15	Technology of specific product	0	0	0	0.00