



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

**Suma Engikaret Secondary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	2	0	2	0	5.0000	5/32	1/8	1/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating device	2	7.5	5	6.25
Question 2	10	Hyperbolic function	2	6	5	5.50
Question 3	10	Linear programming	2	10	10	10.00
Question 4	10	Statistics	2	6.5	4.5	5.50
Question 5	10	Sets	2	9	8.5	8.75
Question 6	10	Function	2	10	8	9.00
Question 7	10	Numerical method	1	5	5	5.00
Question 8	10	Coordinate geometry I	2	10	5	7.50
Question 9	10	Integration	2	0	0	0.00
Question 10	10	Differentiation	2	2.5	0	1.25
<b>PAPER 2</b>						
Question 1	15	Probability	2	11	6	8.50
Question 2	15	Logic	2	13	9	11.00
Question 3	15	Vector	2	8	6	7.00
Question 4	15	Complex number	2	2	0	1.00
Question 5	20	Trigonometric ratio	2	5	0	2.50
Question 6	20	Algebra	0	0	0	0.00
Question 7	20	Differentiation equation	2	3	0	1.50
Question 8	20	Coordinate geometry II	2	5	0	2.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	4	0	4	0	5.2500	6/30	2/9	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	4	8	4	5.50
Question 2	10	Gravitation	4	1.5	0	0.75
Question 3	10	Circular motion, gravitation	4	3	0	1.25
Question 4	10	Projectile motion, Newton's law of motion	4	8	1	4.50
Question 5	10	Heat	4	6	2.5	4.63
Question 6	10	Heat	4	2	0	0.75
Question 7	10	Environmental physics	3	9	5	6.33
Question 8	15	Current electricity	3	3	1	2.00
Question 9	15	Electronics	1	1	1	1.00
Question 10	15	Electronics	4	4	2	3.00
<b>PAPER 2</b>						
Question 1	20	Fluid dynamics	4	9	5	8.00
Question 2	20	Waves	4	14.5	7	10.63
Question 3	20	Properties of materials (matter)	4	20	11	15.00
Question 4	20	Static electricity	4	6	0	3.00
Question 5	20	Electromagnetism	0	0	0	0.00
Question 6	20	Morden physics	4	14	3	7.50
<b>PAPER 3</b>						
Question 1	20	Mechanics	4	19	16.5	18.25
Question 2	15	Heat	4	13	8.5	10.63
Question 3	15	Current electricity	4	13	10	11.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	5	0	4	1	5.4000	15/32	4/10	2/4

GRADE : A=0; B=0; C=0; D=0; 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	Atomic structure	5	9.5	6.5	7.30
Question 2	10	Chemical bonding	5	8	3.5	6.50
Question 3	10	Gases	5	5	3	3.50
Question 4	10	Relative molecular masses in solution	5	9.5	6.5	8.10
Question 5	10	Inorganic (selected compounds of metals)	5	8	0	4.80
Question 6	10	Thermochemistry	5	9	5	6.80
Question 7	10	Chemical equilibrium	5	3.5	0	1.90
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	5	8.5	1	5.70
Question 9	15	Organic chemistry (aromatic hydrocarbons)	1	2	2	2.00
Question 10	15	Soil chemistry	3	11	2	8.00
<b>PAPER 2</b>						
Question 1	20	Two components liquid system	5	12	3	6.80
Question 2	20	Chemical kinetics	5	9	2	5.50
Question 3	20	Buffer solution (Acid, base and salts)	5	7	0.5	2.80
Question 4	20	Periodic classification	5	6	1	2.80
Question 5	20	Transition elements	5	9.5	2	6.00
Question 6	20	Carbon compounds	0	0	0	0.00
<b>PAPER 3</b>						
Question 1	20	Redox titration	5	9.5	6	8.00
Question 2	15	Thermochemistry (energetic)	5	12	5	9.20
Question 3	15	Qualitative analysis	5	15	11	14.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	3	0	3	0	4.3333	6/31	3/10	2/4

GRADE : A=0; B=0; C=0; D=2; E=1; 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	Cytology	3	6	1	3.33
Question 2	10	Biochemistry	3	6	1	3.67
Question 3	10	Principles of classification	3	10	1.5	6.17
Question 4	10	Coordination	3	10	0	3.33
Question 5	10	Nutrition	3	1	0	0.33
Question 6	10	Reproduction	3	1	0	0.33
Question 7	10	Respiration and gaseous exchange	3	7	4	5.00
Question 8	15	Reproduction	0	0	0	0.00
Question 9	15	Transport of materials	3	7	3	4.83
Question 10	15	Respiration and gaseous exchange	3	6	0	2.00
<b>PAPER 2</b>						
Question 1	20	Comparative groups of organisms	3	10	9	9.67
Question 2	20	Evolution	3	12	9	10.33
Question 3	20	Genetics	3	20	19	19.67
Question 4	20	Growth and development	0	0	0	0.00
Question 5	20	Osmoregulation, homeostasis and excretion	3	5	4	4.33
Question 6	20	Ecology	3	20	20	20.00
<b>PAPER 3</b>						
Question 1	20	Dissection (nutrition, classification, reproduction)	3	18.5	15	16.67
Question 2	15	Cytology (biochemistry)	3	10	4	8.00
Question 3	15	Principles of classification	3	14	12.5	13.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	4	0	4	0	3.5000	5/39	2/12	2/5

GRADE : A=0; B=0; C=2; D=2; 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	Statistics	4	25	4	13.63
Question 2	15	Photograph	0	0	0	0.00
Question 3	15	Survey	4	5	3	4.25
Question 4	20	Dynamic earth and Consequences	3	12	0	4.33
Question 5	20	Soil	3	20	17	18.33
Question 6	20	Water Masses	4	8	5	7.25
Question 7	20	Space Dynamics	2	9	0	4.50
<b>PAPER 2</b>						
Question 1	20	Population	4	13	1	9.25
Question 2	20	Population	4	20	17	19.25
Question 3	20	Agriculture	0	0	0	0.00
Question 4	20	Tourism	4	14	8	11.00
Question 5	20	Industry	4	18	12	14.75
Question 6	20	Fishing	4	20	14	18.25
Question 7	20	Fuel and power	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	11	0	11	0	4.2727	23/39	6/12	3/5

GRADE : A=0; B=0; C=2; D=4; E=5; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	8	15	6	10.69
Question 2	20	Contemporary and cross cutting issues	10	14	8.5	11.45
Question 3	20	Democracy	11	15	1	10.32
Question 4	20	Contemporary and cross cutting issues	8	13	6.5	10.31
Question 5	20	Science and technology	6	13	6	10.83
Question 6	20	International affairs	5	12	5	7.00
Question 7	20	Globalization	7	14	7	11.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	4	0	3	1	5.7500	33/34	11/12	4/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu na ufupisho	4	9	5.5	7.75
Question 2	10	Sarufi (aina za maneno)	4	7	0	3.25
Question 3	10	Sarufi (kufasili maneono / istilahi)	4	8	3	6.25
Question 4	10	Utumizi wa lugha	3	7.5	1.5	5.00
Question 5	20	Uandishi	4	16	16	16.00
Question 6	20	Maendeleo ya kiswahili	1	18	18	18.00
Question 7	20	Maendeleo ya kiswahili	3	14	13	13.67
Question 8	20	Tafsiri na ukalimani	4	2	2	2.00
<b>PAPER 2</b>						
Question 1	10	Majigambo na ushairi	4	7	2.5	4.88
Question 2	10	Fasihi simulizi	4	2	0	0.50
Question 3	10	Fasihi simulizi	4	0	0	0.00
Question 4	10	Usanifu wa maandishi	4	6	4	5.00
Question 5	20	Fasihi simulizi	4	1.5	1	1.38
Question 6	20	Riwaya	4	2.5	2.5	2.50
Question 7	20	Tamthiliya	4	18	4	12.00
Question 8	20	Tamthiliya	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	5	0	5	0	3.2000	21/36	7/12	2/5

GRADE : A=0; B=1; C=2; D=2; 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	Introduction to language	5	10	0	7.00
Question 2	10	Introduction to language	5	10	8	9.40
Question 3	10	Introduction to language	5	10	0	5.40
Question 4	10	Introduction to language	5	10	10	10.00
Question 5	20	Word formation	5	18	13	15.00
Question 6	20	Listening skills	5	17	13	14.60
Question 7	20	Speaking	2	18	16	17.00
Question 8	20	Translation and interpretation	3	10	9	9.33
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	5	7	0	3.20
Question 2	10	Introduction to literature	5	7	4	5.20
Question 3	10	Introduction to literature	5	5	0	1.00
Question 4	10	Stylistics and communication	5	0	0	0.00
Question 5	20	Novels	5	19	9	14.40
Question 6	20	Plays	5	15	10	12.60
Question 7	20	Poetry	4	20	2	15.00
Question 8	20	Poetry	1	9	9	9.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	6	0	5	1	5.1667	37/38	12/12	5/5

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

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	5	9	2	4.40
Question 2	20	Africa and Europe in the 15th C	5	16.5	4.5	11.80
Question 3	20	People of African origin in the new World	4	14	3.5	9.63
Question 4	20	From colonialism to the First World War	6	14	10	12.17
Question 5	20	Colonial economy and social services after Second World War	2	13.5	5	9.25
Question 6	20	Pre-colonial African societies	6	19.5	0	6.25
Question 7	20	Influence of external forces and the rise of nationalism in Africa	2	17	4	10.50
<b>PAPER 2</b>						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	6	16	11	13.83
Question 2	20	Imperialism and territorial division of the World	5	14	6	9.10
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	6	14	8	11.67
Question 4	20	The emergence of USA as a super power nation	3	0	0	0.00
Question 5	20	The rise of capitalism in Europe	3	16	3	9.17
Question 6	20	The rise of socialism	4	8.5	0.5	3.00
Question 7	20	Threat to the World peace after WWII	2	15	14	14.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	3	0	1	2	6.3333	15/38	5/12	3/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	3	10	3	6.00
Question 2	10	Functions	3	8	1.5	5.83
Question 3	10	Algebra	3	5	0	2.67
Question 4	10	Differentiation	3	7.5	3.5	6.17
Question 5	10	Integration	3	2	0	1.33
Question 6	10	Statistics	3	6.5	2.5	4.33
Question 7	10	Probability	3	4	2	2.67
Question 8	10	Trigonometry	3	4	0	1.33
Question 9	10	Exponential and logarithmic functions	3	3	0	1.00
Question 10	10	Matrices and linear programming	3	5.5	3.5	4.50