



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

**Sanu Seminary School**  
**FORM SIX SUBJECTS PERFORMANCE REPORT - 2024**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	6	0	0	6	7.0000	32/32	4/4	4/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating Devices	6	6	0	3.00
Question 2	10	Hyperbolic functions	6	7	0	3.17
Question 3	10	Linear programming	6	5	0	2.17
Question 4	10	Statistics	6	4	0	3.00
Question 5	10	Sets	6	7	4	5.17
Question 6	10	Functions	6	3.5	0	2.67
Question 7	10	Numerical methods	6	3	0	1.58
Question 8	10	Coordinate geometry 1	6	1	0	0.17
Question 9	10	Integration	6	1.5	0	0.42
Question 10	10	Differentiation	6	4	0	1.08
<b>PAPER 2</b>						
Question 1	15	Probability	6	4	0	2.33
Question 2	15	Logic	6	9	3	5.17
Question 3	15	Vectors	6	8	0	4.50
Question 4	15	Complex numbers	6	5	0	2.00
Question 5	20	Trigonometric	4	3	0	0.75
Question 6	20	Algebr	6	3	0	0.50
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	0	11	7.0000	31/31	4/4	4/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurements	11	8	1	4.55
Question 2	10	Newton` s laws of motion	10	4	0	0.70
Question 3	10	Simple harmonic motion	11	5	0	2.64
Question 4	10	Projectile motion	11	7	0	3.32
Question 5	10	Heat and thermodynamic	11	5	0	3.59
Question 6	10	Thermodynamic	11	5	0	1.36
Question 7	10	Environmental physics	11	9	0	4.64
Question 8	15	Current electricit	10	3	0	0.70
Question 9	15	Electronics	4	6	2	3.50
Question 10	15	Electronic (logic gates)	9	4	0	2.44
<b>PAPER 2</b>						
Question 1	20	Fluid Dynamics	2	5	0	2.50
Question 2	20	Waves and Vibration	2	4	1	2.50
Question 3	20	Properties of matter	2	7	7	7.00
Question 4	20	Electrostatics	1	0.5	0.5	0.50
Question 5	20	Electromagnetism	1	0	0	0.00
Question 6	20	Modern physics	1	2	2	2.00
<b>PAPER 3</b>						
Question 1	20	Mechanics	11	14	7	11.00
Question 2	15		11	9.5	1.5	5.27
Question 3	15		11	15	6	11.09

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	19	0	18	1	4.7368	3/32	1/4	2/4

GRADE : A=0; B=0; C=2; D=6; E=7; 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 ato	19	7	0	3.63
Question 2	10	Chemical bond	19	8	0	2.42
Question 3	10	Gas	19	4	0	1.05
Question 4	10	Chemical equilibrium, relative molecular in solution	19	7	1	3.26
Question 5	10	selected compound of metals	19	6	0.5	3.16
Question 6	10	energetic	19	9	1	5.16
Question 7	10	Chemical equilibrium	19	10	2	5.47
Question 8	15	Alphatic hydrocarbons and aromatic hydrocarbon	5	12	0	4.80
Question 9	15	Aromatic hydrocarbons, hydrogen derivative of hydrocarbon	19	13	0	5.63
Question 10	15	environmental chemistry , soil chemistry	14	14	2	10.04
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	19	18	7	12.24
Question 2	20	Chemical kinetics	19	20	5.5	12.89
Question 3	20	Acid, base and salt, solubility and solubility product	19	19	0	7.87
Question 4	20	Metal extraction, extraction of metal, periodic classification	8	3	0	1.50
Question 5	20	Hydrocarbons and its derivatives, carbonyl and amive, polymer	11	13.5	4	9.09
Question 6	20	Polymer, Transition elements	17	17	0	7.18
<b>PAPER 3</b>						
Question 1	26	Redox titration, Acid base tit-rat ion using two indicators	19	24	7	18.84
Question 2	15	Energetic	0	0	0	0.00
Question 3	24	Qualitative analysis (Salt analysis)	19	20	15	18.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	15	0	11	4	5.5333	24/31	4/4	4/4

GRADE : A=0; B=0; C=0; D=3; E=5; S=3; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	15	8	0	3.73
Question 2	10	Biochemistry	15	7	0	2.80
Question 3	10	Principle of classification	15	5	0	2.93
Question 4	10	coordination	15	7.5	2	4.90
Question 5	10	Nutrition	15	8.5	0	5.13
Question 6	10	Reproduction	4	2.5	0	0.63
Question 7	10	Gaseous exchange	15	5	0	2.03
Question 8	15	Reproduction	7	7	0	2.57
Question 9	15	Transportation	8	8	0	3.25
Question 10	15	Gaseous exchange	14	4	0	1.29
<b>PAPER 2</b>						
Question 1	20	Classification	13	15	6	9.42
Question 2	20	Regulation and excretion	9	9	0	2.22
Question 3	20	Growth and development	14	18	9	15.14
Question 4	20	Genetics	13	16	6	11.54
Question 5	20	Ecology	15	20	7	12.53
Question 6	20	Evolution	12	11	0	6.58
<b>PAPER 3</b>						
Question 1	20	Classification	15	13.5	8.5	10.90
Question 2	15	Cytology and biochemistry	15	9	1	5.60
Question 3	15	Classification	15	13.5	2.5	8.47

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	15	0	15	0	3.9333	25/39	2/4	3/4

GRADE : A=0; B=1; C=2; D=9; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Elementary survey and map making	15	16	6	10.67
Question 2	20	Application of statistics	5	17	6	14.20
Question 3	20	Map reading and map interpretation	10	9	1	5.75
Question 4	20	External forces that affect earth	9	16	1	7.72
Question 5	20	Soil science	15	16	9	12.67
Question 6	20	Water masses	15	13.5	0	1.63
Question 7	20	Space dynamic	6	15	10	11.00
<b>PAPER 2</b>						
Question 1	20	Human population	15	18	7	16.07
Question 2	20	Human population	12	17	7	14.04
Question 3	20	Transport and communication	1	1	1	1.00
Question 4	20	Agriculture	14	17	5	13.36
Question 5	20	Mining	15	16	0	12.73
Question 6	20	Transport and communication	14	16	8.5	12.96
Question 7	20	Fishing	4	14	6	10.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	31	0	31	0	3.6774	19/39	2/4	2/4

GRADE : A=0; B=1; C=13; D=13; E=3; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Cross cutting issues	31	15	8	12.60
Question 2	20	Philosophy and religion	31	17	4	12.65
Question 3	20	Life skills	28	19	1	8.88
Question 4	20	International affairs	10	15	9	13.30
Question 5	20	International affairs	13	14.5	5.5	11.62
Question 6	20	The practice of democracy	17	13	0	9.71
Question 7	20	Science and technology	25	15.5	6	11.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	10	0	10	0	3.7000	4/34	3/4	2/4

GRADE : A=0; B=1; C=3; D=4; E=2; 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	Ufahamu	10	7	3	5.35
Question 2	10	Sarufi	10	8	2.5	5.70
Question 3	10	Sarufi	10	10	8	9.50
Question 4	10	Matumizi ya lugha	10	10	10	10.00
Question 5	20	Utungaji	5	17	11	14.00
Question 6	20	Maendeleo ya kiswahili	6	16	6	9.00
Question 7	20	Maendeleo ya kiswahili	9	15	5	10.00
Question 8	20	Tafsiri na ukaliman	10	10	4	6.00
<b>PAPER 2</b>						
Question 1	10	fasihi kwa ujumla	9	10	4	7.83
Question 2	10	fasihi kwa ujumla	10	10	2	7.80
Question 3	10	fasihi kwa ujumla	10	5	0	1.35
Question 4	10	Usanifu wa maandishi	10	8	2	5.45
Question 5	20	Uhsairi	10	16	8	14.80
Question 6	20	Riwaya	10	15.5	8	12.40
Question 7	20	Riwaya	7	14	0	5.29
Question 8	20	Tamthiliya	3	16	11	14.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	5	0	5	0	3.8000	12/36	3/4	3/4

GRADE : A=0; B=0; C=1; D=4; 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	7	3	5.80
Question 2	10	Word formation	5	10	4	6.00
Question 3	10	Language skills (speaking)	5	2	0	0.40
Question 4	10	Translation and interpretation	5	10	6	8.40
Question 5	20	Language skills (writing)	5	9	3	5.30
Question 6	20	Language skills (listening)	5	18	17	17.60
Question 7	20	Language skills (speech)	0	0	0	0.00
Question 8	20	Introduction to language (language variation)	5	15	10	13.00
<b>PAPER 2</b>						
Question 1	10	Introduction to literature	5	8	4	6.60
Question 2	10	Introduction to literature	5	7	4	4.90
Question 3	10	Introduction to literature	4	5	0	2.75
Question 4	10	poetry	3	9	5.5	7.00
Question 5	20	play / drama	5	18	15	17.20
Question 6	20	Introduction to literature (poetry)	5	13	6	10.00
Question 7	20	poetry	0	0	0	0.00
Question 8	20	poetry	5	15	0	8.80

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	10	0	10	0	4.2000	5/38	1/4	1/4

GRADE : A=0; B=0; C=1; D=6; E=3; S=0; 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	10	14	8	11.40
Question 2	20	Africa and Europe in the 15thc	8	14	12.5	13.50
Question 3	20	Colonial economy and social services after the second world war (1945)	6	14	0	10.75
Question 4	20	From colonialism to the first world war (1914)	3	8	6	6.83
Question 5	20	People of African origin in the new world	9	15	11	13.33
Question 6	20	Political and economic development since independence	7	12	5	8.00
Question 7	20	Africa nationalism and struggle for independence	7	17	15	16.71
<b>PAPER 2</b>						
Question 1	20	Imperialism and territorial division of the World	10	14	1	7.90
Question 2	20	The rise of USA as capitalist leading power	10	17	11	14.15
Question 3	20	The rise of dictatorship in Europe	7	7	3	4.71
Question 4	20	The rise of socialism	10	16	1	9.50
Question 5	20	Threat of socialism	2	0	0	0.00
Question 6	20	The rise of capitalism in Europe	3	8	7	7.33
Question 7	20	The rise of democracy in Europe	8	14	9	11.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	15	0	7	8	6.0667	15/38	1/4	2/4

GRADE : A=0; B=0; C=0; D=2; E=3; S=2; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	calculating devices	15	8	2	5.20
Question 2	10	Function	15	7	0	2.37
Question 3	10	Algebra	15	10	0	4.53
Question 4	10	Differentiation	15	6	0.5	3.53
Question 5	10	integration	14	5	0	1.14
Question 6	10	Statistic	15	8	3	6.33
Question 7	10	probability	13	8	1	4.35
Question 8	10	trigonometry	12	5	0	2.17
Question 9	10	Exponential function	11	5	0	1.27
Question 10	10	matrix and linear programming	15	9	3	7.20

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	2	0	2	0	4.0000	4/32	1/4	1/3

GRADE : A=0; B=0; C=0; 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	Environmental economics	2	1	0	0.50
Question 2	10	Subject matter of economics	2	0	0	0.00
Question 3	20	Demand and supply	2	3	1	2.00
Question 4	20	Theory of production	0	0	0	0.00
Question 5	20	Theory of firm	2	14	13	13.50
Question 6	20	Theory of market	0	0	0	0.00
Question 7	20	Privatization	2	14	13.5	13.75
Question 8	20	Theory of money	2	14	1	7.50
<b>PAPER 2</b>						
Question 1	10	Economic Planing	2	8	7	7.50
Question 2	10	Marketing and distribution	2	9.5	7.5	8.50
Question 3	20	National income	0	0	0	0.00
Question 4	20	Financial institution	2	17	11	14.00
Question 5	20	International Trade	2	9	3	6.00
Question 6	20	Economic Growths development	0	0	0	0.00
Question 7	20	Economic Structure of Tanzania Economy	2	18	17	17.50
Question 8	20	Economic Integretion	2	16.5	14	15.25