



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

HENRY GOGARTY 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	3	18	6.8095	22/32	4/8	3/5

GRADE : A=0; B=0; C=0; D=0; E=1; S=2; F=18;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	21	7.5	0	3.57
Question 2	10	Hyperbolic function	19	5.5	0	4.26
Question 3	10	Linear programming	20	8	0.5	5.55
Question 4	10	Statistics	19	7.5	0.5	3.34
Question 5	10	Sets	21	10	0	5.10
Question 6	10	Function	21	10	0	5.86
Question 7	10	Numerical method	14	6	0	3.21
Question 8	10	Coordinate geometry I	21	8.5	0	1.00
Question 9	10	Integration	21	2.5	0	0.48
Question 10	10	Differentiation	21	5	0	0.48
PAPER 2						
Question 1	15	Probability	21	11	0	3.05
Question 2	15	Logic	21	12	0	3.05
Question 3	15	Vector	21	7	0	1.38
Question 4	15	Complex number	21	10	0	3.10
Question 5	20	Trigonometric ratio	21	4	0	0.52
Question 6	20	Algebra	21	9	0	3.83
Question 7	20	Differentiation equation	21	9	0	1.48
Question 8	20	Coordinate geometry II	20	5	0	0.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	63	0	56	7	5.0476	5/30	1/9	1/4

GRADE : A=0; B=1; C=2; D=17; E=23; S=13; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	63	9	2	5.02
Question 2	10	Gravitation	63	7.5	0	1.45
Question 3	10	Circular motion, gravitation	63	8	0	3.08
Question 4	10	Projectile motion, Newton's law of motion	61	8	0	2.97
Question 5	10	Heat	63	10	0	4.01
Question 6	10	Heat	58	7	0	1.63
Question 7	10	Environmental physics	59	10	2	6.60
Question 8	15	Current electricity	52	10	0	4.86
Question 9	15	Electronics	51	14	0	5.33
Question 10	15	Electronics	18	5	0	2.06
PAPER 2						
Question 1	20	Fluid dynamics	63	17	4	10.22
Question 2	20	Waves	60	16	2	8.34
Question 3	20	Properties of materials (matter)	63	20	0	13.25
Question 4	20	Static electricity	39	7	0	1.87
Question 5	20	Electromagnetism	33	10	0	4.45
Question 6	20	Morden physics	57	14.5	0	4.54
PAPER 3						
Question 1	20	Mechanics	63	20	10.5	17.41
Question 2	15	Heat	63	15	6	11.40
Question 3	15	Current electricity	63	15	6	12.65

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	67	0	56	11	5.0448	10/32	2/10	1/4

GRADE : A=0; B=1; C=7; D=14; E=22; S=12; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	67	10	0	7.45
Question 2	10	Chemical bonding	67	10	1.5	6.33
Question 3	10	Gases	67	10	2	5.46
Question 4	10	Relative molecular masses in solution	67	10	0	6.10
Question 5	10	Inorganic (selected compounds of metals)	59	10	0	3.63
Question 6	10	Thermochemistry	66	10	0	4.88
Question 7	10	Chemical equilibrium	67	9	0	2.19
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	53	11.5	0	5.29
Question 9	15	Organic chemistry (aromatic hydrocarbons)	24	10	0	3.46
Question 10	15	Soil chemistry	49	14	1	8.10
PAPER 2						
Question 1	20	Two components liquid system	64	13	0	5.40
Question 2	20	Chemical kinetics	67	16	0	5.04
Question 3	20	Buffer solution (Acid, base and salts)	62	17	0	5.14
Question 4	20	Periodic classification	66	16	0	5.20
Question 5	20	Transition elements	66	17.5	0	4.67
Question 6	20	Carbon compounds	6	15	4.5	7.92
PAPER 3						
Question 1	20	Redox titration	67	19.5	12	16.00
Question 2	15	Thermochemistry (energetic)	67	14	1	9.73
Question 3	15	Qualitative analysis	67	15	10	14.34

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	58	0	57	1	3.9138	4/31	2/10	1/4

GRADE : A=0; B=5; C=15; D=22; E=13; S=2; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	58	8	1	4.76
Question 2	10	Biochemistry	58	10	0	5.84
Question 3	10	Principles of classification	58	10	0	7.09
Question 4	10	Coordination	58	8.5	0	2.81
Question 5	10	Nutrition	58	7	0	2.24
Question 6	10	Reproduction	58	9	0	4.78
Question 7	10	Respiration and gaseous exchange	57	10	0	5.33
Question 8	15	Reproduction	15	10.5	0	4.17
Question 9	15	Transport of materials	56	15	0	8.06
Question 10	15	Respiration and gaseous exchange	44	15	0	6.45
PAPER 2						
Question 1	20	Comparative groups of organisms	58	18	3	11.95
Question 2	20	Evolution	58	16	4	9.55
Question 3	20	Genetics	26	20	0	12.48
Question 4	20	Growth and development	43	18	0	7.60
Question 5	20	Osmoregulation, homeostasis and excretion	57	20	0	9.54
Question 6	20	Ecology	48	20	8	17.54
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	58	20	11	17.67
Question 2	15	Cytology (biochemistry)	58	12	1	6.86
Question 3	15	Principles of classification	58	15	5.5	11.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	45	0	43	2	3.9111	14/39	4/12	4/5

GRADE : A=0; B=4; C=16; D=11; E=10; S=2; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	45	24	0	13.48
Question 2	15	Photograph	37	14	0	8.20
Question 3	15	Survey	8	8	1	3.63
Question 4	20	Dynamic earth and Consequences	3	1	0	0.67
Question 5	20	Soil	43	16	1	9.20
Question 6	20	Water Masses	45	15	0	7.39
Question 7	20	Space Dynamics	42	15	1	6.74
PAPER 2						
Question 1	20	Population	45	20	0	8.80
Question 2	20	Population	45	20	5	15.16
Question 3	20	Agriculture	3	11	6	8.00
Question 4	20	Tourism	44	20	1	14.20
Question 5	20	Industry	43	19	6	15.05
Question 6	20	Fishing	41	20	1	14.20
Question 7	20	Fuel and power	3	19	12	15.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	140	0	133	7	4.1929	20/39	5/12	2/5

GRADE : A=0; B=5; C=31; D=56; E=35; S=6; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	79	17	0	10.01
Question 2	20	Contemporary and cross cutting issues	117	17	3.5	11.29
Question 3	20	Democracy	140	17	0	9.85
Question 4	20	Contemporary and cross cutting issues	100	15	2	10.04
Question 5	20	Science and technology	99	20	0.5	10.29
Question 6	20	International affairs	46	16	2	7.48
Question 7	20	Globalization	114	20	5	13.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	17	0	8	9	5.8824	4/8	1/4	1/2

GRADE : A=0; B=0; C=0; D=3; E=5; S=0; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Nature and context of accounting	17	6	1	3.41
Question 2	10	Provision and receives	16	9	0	3.81
Question 3	10	Depreciation	16	5	0	2.25
Question 4	10	Correction of error	17	6	0	3.59
Question 5	20	Branch account	13	16	3	7.38
Question 6	20	Investment account	6	10	0	5.67
Question 7	20	Financial statements and interpretation	15	13	2	6.40
Question 8	20	Financial statements	16	15	8	11.88
PAPER 2						
Question 1	10	Computerizing account	17	10	0	7.32
Question 2	10	Royalties account	17	10	0.5	7.74
Question 3	10	Stock valuation	16	8	0	2.19
Question 4	10	Company	11	3	0	0.73
Question 5	20	Cost account	3	5	2	3.67
Question 6	20	Hire purchase	13	20	0	8.77
Question 7	20	Containers account	16	20	0	6.38
Question 8	20	Payroll account	17	20	0	7.24

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	16	0	16	0	4.6875	12/34	2/12	1/5

GRADE : A=0; B=0; C=2; D=2; E=11; S=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu na ufupisho	16	9	4.5	6.63
Question 2	10	Sarufi (aina za maneno)	16	9	1	5.50
Question 3	10	Sarufi (kufasili maneono / istilahi)	16	10	6	8.81
Question 4	10	Utumizi wa lugha	15	7.5	0	5.60
Question 5	20	Uandishi	13	20	14	16.15
Question 6	20	Maendeleo ya kiswahili	10	18	3	9.25
Question 7	20	Maendeleo ya kiswahili	9	20	11	14.33
Question 8	20	Tafsiri na ukalimani	16	4	0	2.88
PAPER 2						
Question 1	10	Majigambo na ushairi	16	8	2	3.19
Question 2	10	Fasihi simulizi	16	3	0	0.81
Question 3	10	Fasihi simulizi	16	8	0	3.72
Question 4	10	Usanifu wa maandishi	16	8	5	6.13
Question 5	20	Fasihi simulizi	16	6	1	2.19
Question 6	20	Riwaya	16	19	2.5	6.91
Question 7	20	Tamthiliya	14	17	13	15.89
Question 8	20	Tamthiliya	2	16	1	8.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	29	0	29	0	2.9655	11/36	4/12	1/5

GRADE : A=1; B=8; C=14; D=3; E=3; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Introduction to language	29	9	0	2.21
Question 2	10	Introduction to language	29	10	7	9.00
Question 3	10	Introduction to language	29	10	0	9.03
Question 4	10	Introduction to language	29	10	4	9.48
Question 5	20	Word formation	29	20	10	14.59
Question 6	20	Listening skills	29	17	11	14.21
Question 7	20	Speaking	14	19	2	15.07
Question 8	20	Translation and interpretation	14	19	4	10.07
PAPER 2						
Question 1	10	Introduction to literature	29	10	0	4.21
Question 2	10	Introduction to literature	29	9	0	4.76
Question 3	10	Introduction to literature	29	10	0	5.79
Question 4	10	Stylistics and communication	29	10	0	2.24
Question 5	20	Novels	29	19	5	12.79
Question 6	20	Plays	28	16	9	13.14
Question 7	20	Poetry	19	19	9	15.89
Question 8	20	Poetry	11	17	5	11.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	44	0	38	6	4.3409	31/38	7/12	2/5

GRADE : A=1; B=1; C=15; D=7; E=11; S=3; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Political and economic development in Tanzania since independence	43	14	1	5.64
Question 2	20	Africa and Europe in the 15th C	42	17	2	13.65
Question 3	20	People of African origin in the new World	20	15	3	9.13
Question 4	20	From colonialism to the First World War	36	16	7	12.85
Question 5	20	Colonial economy and social services after Second World War	4	10	0	4.25
Question 6	20	Pre-colonial African societies	41	19.5	0	10.38
Question 7	20	Influence of external forces and the rise of nationalism in Africa	30	18	3	11.88
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	44	18	9	16.68
Question 2	20	Imperialism and territorial division of the World	36	17	1	9.00
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	43	15.5	2.5	10.47
Question 4	20	The emergence of USA as a super power nation	36	17	0	9.88
Question 5	20	The rise of capitalism in Europe	18	9.5	0	5.86
Question 6	20	The rise of socialism	17	15.5	0	3.94
Question 7	20	Threat to the World peace after WWII	22	16	2	9.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	17	0	14	3	5.0588	7/8	3/4	2/2

GRADE : A=0; B=0; C=1; D=5; E=6; S=2; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Banking	17	14	0	6.65
Question 2	20	Insurance	17	14	2	11.00
Question 3	20	Advertising	17	15	3	12.91
Question 4	20	Trade	3	5.5	4	4.83
Question 5	20	Production	17	15.5	0	9.62
Question 6	20	Production	15	15	2	9.77
Question 7	20	Stock exchange	17	0	0	0.00
PAPER 2						
Question 1	20	Taxation	17	14	0	9.21
Question 2	20	Export trade	16	16	0	9.31
Question 3	20	Contract of sales	4	13	0	3.25
Question 4	20	Organization and management	11	6	0	0.55
Question 5	20	Business unit	15	12	0	5.33
Question 6	20	Business office	17	15	0	9.94
Question 7	20	Role of government in trade	16	13	3	6.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	90	0	37	53	5.8778	10/38	3/12	2/5

GRADE : A=2; B=3; C=4; D=9; E=12; S=7; F=53;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	90	10	0	7.57
Question 2	10	Functions	90	8.5	0	1.98
Question 3	10	Algebra	90	10	0	4.33
Question 4	10	Differentiation	90	7.5	0	2.55
Question 5	10	Integration	90	10	0	1.59
Question 6	10	Statistics	90	10	0	4.53
Question 7	10	Probability	90	10	0	3.01
Question 8	10	Trigonometry	90	10	0	3.41
Question 9	10	Exponential and logarithmic functions	90	10	0	0.64
Question 10	10	Matrices and linear programming	90	9.5	0	4.53

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	43	0	36	7	5.0698	14/33	2/8	1/4

GRADE : A=0; B=0; C=1; D=13; E=18; S=4; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Subject matter of economics	41	10	0	3.37
Question 2	10	Trade cycle	42	10	0	7.83
Question 3	20	Theory of demand and supply	26	18	0	5.62
Question 4	20	Theory of firm	37	18	0	6.70
Question 5	20	Concept of market	23	17.5	0	6.15
Question 6	20	Money and price index	32	15	0	4.38
Question 7	20	Privatization	39	16	0	10.15
Question 8	20	Employment and unemployment	14	14.5	0	3.82
PAPER 2						
Question 1	10	Regional economic integration	43	10	0	7.67
Question 2	10	Public finance	43	6	0	1.21
Question 3	20	National income	27	18.5	3	7.54
Question 4	20	Financial institution	32	19	0	7.50
Question 5	20	Public finance	26	19	3	10.96
Question 6	20	International trade	24	15.5	10.5	13.65
Question 7	20	Marketing and distribution	30	15.5	0.5	11.97
Question 8	20	Structure of Tanzania economy	32	19	9	14.22