



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

**HENRY GOGARTY SECONDARY SCHOOL
FORM SIX SUBJECTS PERFORMANCE REPORT - 2022**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	6	0	6	0	5.5000	5/31	3/10	1/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating devices	6	7.5	2.5	5.00
Question 2	10	Hyperbolic functions	6	9	0	4.67
Question 3	10	Linear programming	5	8	5	6.80
Question 4	10	Statistics	6	7.5	0	3.58
Question 5	10	Sets	6	10	5	7.25
Question 6	10	Functions	6	9.5	4	7.17
Question 7	10	Numerical methods	6	6.5	1	4.25
Question 8	10	Coordinate geometry 1	6	6.5	0.5	2.75
Question 9	10	Integration	2	1	0	0.50
Question 10	10	Differentiation	6	2	0	0.92
PAPER 2						
Question 1	15	Probability	5	6	0	2.80
Question 2	15	Logic	6	15	10	12.33
Question 3	15	Vectors	6	11	3	7.00
Question 4	15	Complex numbers	6	9	3	6.33
Question 5	20	Trigonometry	5	12	3	6.50
Question 6	20	Algebra	2	11	11	11.00
Question 7	20	Differential equations	2	5	0	2.50
Question 8	20	Coordinate geometry II	3	4.5	0	2.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	24	0	18	6	5.4583	10/30	2/8	1/5

GRADE : A=0; B=0; C=2; D=2; E=9; S=5; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	24	9	1	6.27
Question 2	10	Newton's Laws and SHM	24	5	0	1.75
Question 3	10	Moment of gravitational force	24	10	0	4.17
Question 4	10	Gravitational force moment on inertia	24	5	0	1.00
Question 5	10	Heat	24	7	0	2.71
Question 6	10	Heat	24	8	1	3.50
Question 7	10	Environmental physics	24	10	0	4.21
Question 8	15	Current electricity	0	0	0	0.00
Question 9	15	Electronics	24	8.5	2.5	5.52
Question 10	15	Electronics	24	10	1	6.17
PAPER 2						
Question 1	20	Fluid mechanics	24	17.5	8	13.60
Question 2	20	Waves	24	9	0	3.42
Question 3	20	Properties of matter	24	20	1	10.50
Question 4	20	Electrostatics	17	13	0	6.82
Question 5	20	Electromagnetism	7	5	0	2.14
Question 6	20	Modern physics	24	15	1	6.79
PAPER 3						
Question 1	20	Mechanics	24	20	3.5	12.19
Question 2	15	Heat	24	15	4	10.21
Question 3	15	Current electricity	24	15	2.5	8.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	24	0	2	22	6.9167	12/32	1/10	1/5

GRADE : A=0; B=0; C=0; D=0; E=0; S=2; F=22;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Relative molecular mass in a solution	24	3.5	0	1.08
Question 2	10	Energetics	24	7	0	2.60
Question 3	10	Selected compound of metals	24	3	0	1.27
Question 4	10	Aliphatic hydrocarbon	21	4	0	0.81
Question 5	10	Chemical bonding	22	3.5	0	0.84
Question 6	10	Aromatic hydrocarbon, halo al vane	17	6.5	0.5	2.09
Question 7	10	Environmental chemistry	21	3	0	1.00
Question 8	15	Gases	11	4.5	0	2.73
Question 9	15	Equilibrium	22	7.5	0	4.61
Question 10	15	Atomic structure	17	10	0	3.59
PAPER 2						
Question 1	20	Two component liquid system	24	15	0	4.69
Question 2	20	Electrochemistry, chemical kinetics	16	5	0	1.28
Question 3	20	Acid, base and salt, solubility and solubility product	23	12	0	3.57
Question 4	20	Repidic classification, extraction of metal	23	11	0	3.87
Question 5	20	Transition metal	23	10.5	0.5	4.43
Question 6	20	Carbon compounds, carboxylic acid, amine	10	5	1	2.25
PAPER 3						
Question 1	20	Acid - base tit ration	24	11	2	5.81
Question 2	15	Solubility	24	11	0	7.58
Question 3	15	Qualitative analysis	24	14	4.5	10.19

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	21	0	20	1	4.5714	14/31	2/10	1/5

GRADE : A=0; B=0; C=1; D=9; E=10; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	21	8	2	4.52
Question 2	10	Biochemistry	20	5.5	0	3.08
Question 3	10	Principle of classification	21	10	6	7.90
Question 4	10	Nutrition	21	8	0	2.76
Question 5	10	Gaseous exchange and respiration	21	9	0	1.90
Question 6	10	Coordination	21	7	0	3.83
Question 7	10	Reproduction	21	6	0	0.95
Question 8	15	Reproduction	16	10	0	5.25
Question 9	15	Gaseous exchange and respiration	21	12	1	8.00
Question 10	15	Transport of materials	4	7	0	2.25
PAPER 2						
Question 1	20	Comparative studies of natural groups	19	18	3	11.05
Question 2	20	Growth and development	21	20	2	10.62
Question 3	20	Excretion, osmoregulation and homeostasis	21	12	0	8.19
Question 4	20	Genetics	16	16	0	10.66
Question 5	20	Evolution	17	16	6	11.24
Question 6	20	Ecology	10	9	4	5.50
PAPER 3						
Question 1	20	Comparative studies of natural groups	21	20	7	13.17
Question 2	15	Comparative studies of natural groups	21	14.5	12	13.50
Question 3	15	Cytology	21	15	8	12.86

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	8	0	8	0	3.3750	14/40	3/13	1/7

GRADE : A=0; B=1; C=4; D=2; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Map reading and interpretation	8	19	10	13.19
Question 2	15	Elementary survey	0	0	0	0.00
Question 3	15	Photograph reading and interpretation	8	13	7	10.25
Question 4	20	Water masses	8	13	8	11.38
Question 5	20	Space dynamics	1	12	12	12.00
Question 6	20	Space dynamics	7	16	0	9.29
Question 7	20	Soil	8	14	3	10.13
PAPER 2						
Question 1	20	Population and development	8	16	5	10.88
Question 2	20	Population and development	5	16	13	14.40
Question 3	20	Mining industry	6	16.5	11	13.67
Question 4	20	Agriculture	4	18	9	14.00
Question 5	20	Tourism industry	5	15	3	11.20
Question 6	20	Manufacturing industry	6	16	13	15.00
Question 7	20	Forest resources	6	16.5	2	11.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	35	0	35	0	2.6000	14/40	7/13	5/7

GRADE : A=1; B=16; C=14; D=4; E=0; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	35	17	6	14.31
Question 2	20	Cross-cutting issues in Tanzania	35	18.5	10	15.37
Question 3	20	Science and technology in development	35	17.5	6	14.00
Question 4	20	Democratic process and practice	34	17	7.5	13.65
Question 5	20	International co-operation	15	18	5	12.23
Question 6	20	International co-operation	17	15	4.5	9.76
Question 7	20	Life skills	4	9	3.5	5.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	3	0	3	0	3.6667	3/7	1/3	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Investment	3	8	3	4.67
Question 2	10	Nature of accountancy	3	8	3.5	5.33
Question 3	10	Correction of errors	3	10	7	8.00
Question 4	10	Depressions	3	10	8	9.33
Question 5	20	Branch account	1	13	13	13.00
Question 6	20	Ration interpretations	3	17.5	14	15.83
Question 7	20	Final accounts	3	20	10	15.33
Question 8	20	Depressions	2	15	11.8	13.40
PAPER 2						
Question 1	10	Company accounts	3	6	3	4.17
Question 2	10	Cost accounts	2	4	0	2.00
Question 3	10	Stock accounts	3	8	4	6.33
Question 4	10	Royalty accounts	3	9	3	5.33
Question 5	20	Company accounts	3	18	6	11.33
Question 6	20	Partnership accounts	2	7	6	6.50
Question 7	20	Payroll accounts	3	15	4	10.33
Question 8	20	Manufacturing accounts	1	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	1	0	1	0	4.0000	27/38	12/13	6/7

GRADE : A=0; B=0; C=0; D=1; E=0; 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	1	8.5	8.5	8.50
Question 2	10	Introduction to language	1	9	9	9.00
Question 3	10	Writing skills	1	0	0	0.00
Question 4	10	Reading skills	1	5	5	5.00
Question 5	20	Introduction to language	1	14	14	14.00
Question 6	20	Writing skills	1	15	15	15.00
Question 7	20	Listening skills	1	16	16	16.00
Question 8	20	Translation and interpretation	0	0	0	0.00
PAPER 2						
Question 1	10	stylistics and communication	1	5.5	5.5	5.50
Question 2	10	theories of literature	1	0	0	0.00
Question 3	10	stylistics and communication	1	4	4	4.00
Question 4	10	theories of literature	1	4	4	4.00
Question 5	20	Literary works	1	16	16	16.00
Question 6	20	Literary works	1	2	2	2.00
Question 7	20	Literary works	0	0	0	0.00
Question 8	20	Literary works	1	6	6	6.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	5	0	5	0	4.2000	32/39	9/13	5/7

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	5	17	12	14.30
Question 2	20	Africa and Europe by the 15th Century	4	13	4	10.00
Question 3	20	People of Africa origin in the new World	4	14	5.5	11.13
Question 4	20	Colonial economy and social services after the WWII	4	16.5	14	14.88
Question 5	20	Colonial economy and social services after the WWII	3	16	1	7.67
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	4	13.5	8	11.50
Question 7	20	Political and economic development in Tanzania since independence	1	12.5	12.5	12.50
PAPER 2						
Question 1	20	Rise of capitalism in Europe	5	19.5	10	14.10
Question 2	20	Rise of democracy in Europe	3	14	4.5	10.17
Question 3	20	Emergency of USA as a new super power	5	9.5	0.5	3.70
Question 4	20	Rise of socialism	4	14.5	12	13.50
Question 5	20	Threat of World peace	2	12	1	6.50
Question 6	20	Rise of dictatorship	0	0	0	0.00
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	5	12	0	7.90

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	3	0	3	0	4.0000	2/7	1/3	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Insurance	3	14	13.5	13.67
Question 2	20	Banking	3	15	13.5	14.50
Question 3	20	Transport	3	16.5	10.5	13.67
Question 4	20	Banking	2	11	8	9.50
Question 5	20	Production	2	12	8	10.00
Question 6	20	Business capital, trade in general	0	0	0	0.00
Question 7	20	Wholesalers	2	16.5	10	13.25
PAPER 2						
Question 1	20	BANKING	3	7	2	5.33
Question 2	20	BUSINESS MANAGEMENT	2	11	10	10.50
Question 3	20	BUSINESS CAPITAL	3	10	6	8.33
Question 4	20	BUSINESS UNIT	2	17	11	14.00
Question 5	20	BUSINESS UNIT	1	3	3	3.00
Question 6	20	BUSINESS OFFICE	3	14	9	12.00
Question 7	20	CONTRACT OF SALES	1	12	12	12.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	28	0	19	9	5.1429	5/38	2/12	1/6

GRADE : A=0; B=3; C=2; D=4; E=7; S=3; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	28	10	0	7.63
Question 2	10	Funtions	28	10	0	5.50
Question 3	10	Algebra	28	7	0	2.36
Question 4	10	Differentiation	27	10	0.5	4.48
Question 5	10	Integration	27	7	0	2.74
Question 6	10	Statistics	28	10	1	7.95
Question 7	10	Probability	28	10	0	4.61
Question 8	10	Trigonometry	20	10	0	4.23
Question 9	10	Exponential and logarithmic function	26	9	0	3.42
Question 10	10	Matrix	28	6.5	0	2.59

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	10	0	10	0	3.2000	3/33	1/7	1/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The subject matter of economics	10	5	0	2.70
Question 2	10	Population	10	9	2	6.10
Question 3	20	Production	9	20	13.3	16.33
Question 4	20	Demand and supply	2	20	17.5	18.75
Question 5	20	Theories of firm	9	19	0	13.06
Question 6	20	Environmental economics	9	13.5	7.5	11.11
Question 7	20	Theories of money	2	3	2	2.50
Question 8	20	Employment and unemployment	9	15	3	9.83
PAPER 2						
Question 1	10	Economic growth and development	10	10	7	9.50
Question 2	10	Economic integration	10	10	4	9.40
Question 3	20	National income	9	16	4	10.22
Question 4	20	Financial institutions	3	14	6	9.00
Question 5	20	International trade	9	18	11.5	15.72
Question 6	20	Economic structure of Tanzania	10	16	2	12.15
Question 7	20	Economic planning	8	12	2	6.19
Question 8	20	Financial institutions	2	16	14	15.00