



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

Bendel Memorial
FORM SIX SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ADVANCED MATHEMATICS	33	0	11	22	6.4545	15/32	9/20	6/15

GRADE : A=0; B=0; C=1; D=1; E=2; S=7; F=22;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating device	28	10	0	4.64
Question 2	10	Hyperbolic function	26	10	0	4.60
Question 3	10	Linear programming	33	10	0	6.24
Question 4	10	Statistics	31	9	0	3.42
Question 5	10	Sets	33	10	2	6.56
Question 6	10	Function	29	10	0	4.47
Question 7	10	Numerical method	28	8	0	3.04
Question 8	10	Coordinate geometry I	29	5	0	0.88
Question 9	10	Integration	23	7.5	0	1.20
Question 10	10	Differentiation	22	5	0	1.25
PAPER 2						
Question 1	15	Probability	33	11	0	2.33
Question 2	15	Logic	33	14	0	5.55
Question 3	15	Vector	33	12	0	3.48
Question 4	15	Complex number	33	9	0	4.03
Question 5	20	Trigonometric ratio	33	8	0	1.03
Question 6	20	Algebra	30	12	0	5.52
Question 7	20	Differentiation equation	32	5	0	0.16
Question 8	20	Coordinate geometry II	33	20	0	1.76

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	41	0	28	13	5.5854	14/30	9/18	7/14

GRADE : A=0; B=1; C=1; D=4; E=15; S=7; F=13;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	40	8	2	5.20
Question 2	10	Gravitation	41	4.5	0	1.71
Question 3	10	Circular motion, gravitation	41	8	0	2.83
Question 4	10	Projectile motion, Newton's law of motion	40	8	0	2.93
Question 5	10	Heat	41	8	0	3.16
Question 6	10	Heat	38	5	0	1.61
Question 7	10	Environmental physics	36	10	1	6.72
Question 8	15	Current electricity	27	10	0	3.83
Question 9	15	Electronics	17	14	0	5.82
Question 10	15	Electronics	28	10	0	3.32
PAPER 2						
Question 1	20	Fluid dynamics	41	14.5	2	8.15
Question 2	20	Waves	39	13.5	0	8.55
Question 3	20	Properties of materials (matter)	41	20	0	13.71
Question 4	20	Static electricity	28	6	0	2.29
Question 5	20	Electromagnetism	36	11	0	5.39
Question 6	20	Morden physics	18	20	2	6.00
PAPER 3						
Question 1	20	Mechanics	40	20	3.5	13.19
Question 2	15	Heat	41	13.5	4	8.65
Question 3	15	Current electricity	41	13	1	7.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	42	0	40	2	4.0238	4/32	3/18	1/14

GRADE : A=1; B=4; C=8; D=13; E=14; S=0; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Atomic structure	42	10	2	7.12
Question 2	10	Chemical bonding	42	10	0.5	5.06
Question 3	10	Gases	42	10	2	5.86
Question 4	10	Relative molecular masses in solution	42	10	0	5.04
Question 5	10	Inorganic (selected compounds of metals)	34	10	0	2.19
Question 6	10	Thermochemistry	41	9	0	4.51
Question 7	10	Chemical equilibrium	42	9	0	3.08
Question 8	15	Organic chemistry (aliphatic hydrocarbons)	32	15	0	7.22
Question 9	15	Organic chemistry (aromatic hydrocarbons)	17	10.5	0	4.74
Question 10	15	Soil chemistry	35	13	2	7.66
PAPER 2						
Question 1	20	Two components liquid system	40	14	0	6.53
Question 2	20	Chemical kinetics	42	18	0	12.10
Question 3	20	Buffer solution (Acid, base and salts)	42	20	3	13.65
Question 4	20	Periodic classification	38	20	0	7.54
Question 5	20	Transition elements	38	18	3	12.84
Question 6	20	Carbon compounds	6	3	0	0.83
PAPER 3						
Question 1	20	Redox titration	42	19.5	5.5	16.10
Question 2	15	Thermochemistry (energetic)	42	14	0	10.00
Question 3	15	Qualitative analysis	42	15	2	13.51

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	29	0	22	7	5.5172	24/31	13/17	10/13

GRADE : A=0; B=0; C=1; D=4; E=10; S=7; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	29	7	0	4.21
Question 2	10	Biochemistry	29	8	0	3.31
Question 3	10	Principles of classification	29	10	1	6.31
Question 4	10	Coordination	29	6	0	2.53
Question 5	10	Nutrition	29	4	0	0.72
Question 6	10	Reproduction	29	6	0	1.59
Question 7	10	Respiration and gaseous exchange	29	9	0	4.00
Question 8	15	Reproduction	29	1	0	0.03
Question 9	15	Transport of materials	29	10	0	1.09
Question 10	15	Respiration and gaseous exchange	29	14	0	5.79
PAPER 2						
Question 1	20	Comparative groups of organisms	29	15	4	8.97
Question 2	20	Evolution	18	10	0	3.94
Question 3	20	Genetics	21	16.5	0	2.40
Question 4	20	Growth and development	22	12	0	6.80
Question 5	20	Osmoregulation, homeostasis and excretion	26	13	0	8.23
Question 6	20	Ecology	28	20	1	15.89
PAPER 3						
Question 1	20	Dissection (nutrition, classification, reproduction)	29	20	11.5	16.16
Question 2	15	Cytology (biochemistry)	29	11	0	5.93
Question 3	15	Principles of classification	29	12	7	9.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	62	0	61	1	3.8065	12/39	9/23	6/16

GRADE : A=0; B=6; C=22; D=17; E=13; S=3; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	25	Statistics	62	25	0	13.67
Question 2	15	Photograph	27	13.5	0	6.52
Question 3	15	Survey	33	9	1	4.58
Question 4	20	Dynamic earth and Consequences	15	17	0	7.53
Question 5	20	Soil	55	18	2	10.69
Question 6	20	Water Masses	60	20	2	8.98
Question 7	20	Space Dynamics	53	15	0	8.26
PAPER 2						
Question 1	20	Population	61	17	0	7.42
Question 2	20	Population	59	20	9	16.32
Question 3	20	Agriculture	9	19	3	8.11
Question 4	20	Tourism	57	20	1	15.25
Question 5	20	Industry	56	18	12	16.43
Question 6	20	Fishing	51	20	1	13.49
Question 7	20	Fuel and power	12	17	7	13.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	112	0	109	3	3.9732	14/39	10/23	6/16

GRADE : A=0; B=2; C=36; D=47; E=20; S=4; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	76	15.5	1	9.70
Question 2	20	Contemporary and cross cutting issues	97	18	3	10.21
Question 3	20	Democracy	111	17	0	12.14
Question 4	20	Contemporary and cross cutting issues	83	14	2	10.13
Question 5	20	Science and technology	67	20	2	13.75
Question 6	20	International affairs	64	16	0.5	7.98
Question 7	20	Globalization	62	18.5	0.5	12.76

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	10	0	9	1	4.8000	2/8	2/4	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Nature and context of accounting	9	5	0	2.33
Question 2	10	Provision and receives	10	5	0	1.40
Question 3	10	Depreciation	9	4	0	1.89
Question 4	10	Correction of error	9	8	1	3.67
Question 5	20	Branch account	7	15	4	8.57
Question 6	20	Investment account	6	14	6	10.83
Question 7	20	Financial statements and interpretation	9	17	4	9.33
Question 8	20	Financial statements	8	16	9	11.88
PAPER 2						
Question 1	10	Computerizing account	10	10	6	8.55
Question 2	10	Royalties account	10	9	8	8.30
Question 3	10	Stock valuation	10	10	0	6.50
Question 4	10	Company	1	0	0	0.00
Question 5	20	Cost account	5	20	2	10.40
Question 6	20	Hire purchase	6	16	0	7.67
Question 7	20	Containers account	10	20	1	11.00
Question 8	20	Payroll account	8	20	0	11.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	9	0	8	1	5.3333	28/34	16/18	12/13

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu na ufupisho	9	9	3.5	7.17
Question 2	10	Sarufi (aina za maneno)	9	10	2	6.33
Question 3	10	Sarufi (kufasili maneono / istilahi)	9	10	1	5.78
Question 4	10	Utumizi wa lugha	9	9	1.5	4.94
Question 5	20	Uandishi	9	20	14	16.89
Question 6	20	Maendeleo ya kiswahili	7	17	1.5	11.86
Question 7	20	Maendeleo ya kiswahili	2	14	14	14.00
Question 8	20	Tafsiri na ukalimani	8	2	0	1.75
PAPER 2						
Question 1	10	Majigambo na ushairi	9	8	1.5	3.39
Question 2	10	Fasihi simulizi	9	1	0	0.11
Question 3	10	Fasihi simulizi	9	8	0	3.33
Question 4	10	Usanifu wa maandishi	9	7	2	4.83
Question 5	20	Fasihi simulizi	8	3	1	1.56
Question 6	20	Riwaya	7	11.5	2.5	4.07
Question 7	20	Tamthiliya	8	17	4	12.13
Question 8	20	Tamthiliya	4	14	1	6.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	12	0	12	0	3.0833	16/36	8/20	6/14

GRADE : A=1; B=3; C=4; D=2; E=2; 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	12	10	0	6.08
Question 2	10	Introduction to language	12	10	9	9.08
Question 3	10	Introduction to language	12	10	0	8.92
Question 4	10	Introduction to language	12	10	6	9.33
Question 5	20	Word formation	12	20	9	16.00
Question 6	20	Listening skills	12	17	10	13.67
Question 7	20	Speaking	6	14	3	8.33
Question 8	20	Translation and interpretation	6	20	5	10.00
PAPER 2						
Question 1	10	Introduction to literature	12	10	0	5.92
Question 2	10	Introduction to literature	11	8	0	5.91
Question 3	10	Introduction to literature	12	10	0	3.17
Question 4	10	Stylistics and communication	11	10	0	4.73
Question 5	20	Novels	12	18	5	11.00
Question 6	20	Plays	12	15	8	12.83
Question 7	20	Poetry	8	20	3	13.63
Question 8	20	Poetry	3	14	8	10.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	40	0	39	1	3.8500	23/38	15/22	11/16

GRADE : A=0; B=3; C=13; D=14; E=8; S=1; F=1;

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	39	15	1	6.23
Question 2	20	Africa and Europe in the 15th C	32	17	6.5	12.52
Question 3	20	People of African origin in the new World	24	17	2	12.88
Question 4	20	From colonialism to the First World War	38	15.5	2	13.29
Question 5	20	Colonial economy and social services after Second World War	13	17	1	7.08
Question 6	20	Pre-colonial African societies	21	18.5	0	6.26
Question 7	20	Influence of external forces and the rise of nationalism in Africa	30	18	7.5	14.50
PAPER 2						
Question 1	20	Neo-colonialism and underdevelopment in the third world countries	40	19	6	15.19
Question 2	20	Imperialism and territorial division of the World	32	17	3	12.41
Question 3	20	The rise of dictatorship in Germany, Italy and Japan	19	14	1	10.18
Question 4	20	The emergence of USA as a super power nation	35	17	0	11.44
Question 5	20	The rise of capitalism in Europe	38	19.5	6	14.16
Question 6	20	The rise of socialism	6	6	1	3.50
Question 7	20	Threat to the World peace after WWII	24	15.5	0.5	9.58

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
COMMERCE	10	0	10	0	4.6000	6/8	4/4	4/4

GRADE : A=0; B=0; C=0; D=4; E=6; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Banking	10	12	1	7.95
Question 2	20	Insurance	10	15	8.5	12.95
Question 3	20	Advertising	10	15	0	7.60
Question 4	20	Trade	6	13.5	4	9.92
Question 5	20	Production	10	14	0	5.50
Question 6	20	Production	10	15.5	7.5	10.25
Question 7	20	Stock exchange	10	15	0	1.50
PAPER 2						
Question 1	20	Taxation	10	12	0	8.45
Question 2	20	Export trade	10	14	0	9.95
Question 3	20	Contract of sales	3	7	0	2.33
Question 4	20	Organization and management	9	10	0	3.00
Question 5	20	Business unit	6	10	4.5	6.58
Question 6	20	Business office	10	15	0	9.60
Question 7	20	Role of government in trade	10	12	5	8.05

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	63	0	16	47	6.4762	17/38	10/22	7/15

GRADE : A=0; B=0; C=2; D=3; E=5; S=6; F=47;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	63	10	0	6.48
Question 2	10	Functions	63	8.5	0	2.89
Question 3	10	Algebra	63	10	0	2.39
Question 4	10	Differentiation	63	7.5	0	2.04
Question 5	10	Integration	63	8	0	1.13
Question 6	10	Statistics	63	10	0	3.03
Question 7	10	Probability	63	5	0	0.81
Question 8	10	Trigonometry	63	8.5	0	0.90
Question 9	10	Exponential and logarithmic functions	62	7	0	0.91
Question 10	10	Matrices and linear programming	60	10	0	4.35

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ECONOMICS	48	0	39	9	4.9792	9/33	7/21	4/15

GRADE : A=0; B=0; C=6; D=12; E=16; S=5; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Subject matter of economics	43	10	0	2.63
Question 2	10	Trade cycle	47	10	0	6.33
Question 3	20	Theory of demand and supply	35	18	0	7.83
Question 4	20	Theory of firm	47	15.5	0	7.38
Question 5	20	Concept of market	16	19	0.5	5.78
Question 6	20	Money and price index	31	18	0	1.05
Question 7	20	Privatization	46	19.5	6.5	12.65
Question 8	20	Employment and unemployment	13	15	0	4.46
PAPER 2						
Question 1	10	Regional economic integration	48	10	0	7.54
Question 2	10	Public finance	47	7	0	2.47
Question 3	20	National income	18	11	3	7.56
Question 4	20	Financial institution	38	17.5	0	6.55
Question 5	20	Public finance	39	20	1.5	13.13
Question 6	20	International trade	25	15.5	10	13.46
Question 7	20	Marketing and distribution	36	15	0.5	10.83
Question 8	20	Structure of Tanzania economy	34	19.5	8	14.84