



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

Bendel Memorial FORM SIX SUBJECTS PERFORMANCE REPORT - 2022

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	37	0	20	17	6.0270	14/31	11/18	9/14

GRADE : A=0; B=1; C=0; D=4; E=4; S=11; F=17;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating devices	36	7.5	0	3.82
Question 2	10	Hyperbolic functions	29	10	0	2.53
Question 3	10	Linear programming	37	10	8	8.43
Question 4	10	Statistics	35	7.5	0	3.79
Question 5	10	Sets	37	10	2	6.27
Question 6	10	Functions	36	10	2	6.06
Question 7	10	Numerical methods	35	9	0	3.56
Question 8	10	Coordinate geometry 1	25	3.5	0	1.42
Question 9	10	Integration	5	2.5	0	0.70
Question 10	10	Differentiation	18	4.5	0	1.22
PAPER 2						
Question 1	15	Probability	30	12	0	2.70
Question 2	15	Logic	37	15	3	10.16
Question 3	15	Vectors	37	15	0	4.81
Question 4	15	Complex numbers	36	15	0	6.14
Question 5	20	Trigonometry	24	14	0	6.48
Question 6	20	Algebra	35	19	0	10.20
Question 7	20	Differential equations	16	11	2	4.47
Question 8	20	Coordinate geometry II	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	48	0	34	14	5.4375	9/30	7/18	5/14

GRADE : A=0; B=0; C=3; D=8; E=16; S=7; F=14;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	48	10	1	5.15
Question 2	10	Newton's Laws and SHM	47	8	0	1.28
Question 3	10	Moment of gravitational force	48	9	0	5.03
Question 4	10	Gravitational force moment on inertia	48	10	0	2.09
Question 5	10	Heat	48	7	0	2.31
Question 6	10	Heat	48	10	0	5.08
Question 7	10	Environmental physics	45	10	1	5.72
Question 8	15	Current electricity	34	12.5	0	4.74
Question 9	15	Electronics	39	8	1	4.51
Question 10	15	Electronics	22	12	0	4.39
PAPER 2						
Question 1	20	Fluid mechanics	48	17	3	11.20
Question 2	20	Waves	47	13	0	5.38
Question 3	20	Properties of matter	48	20	0	7.86
Question 4	20	Electrostatics	47	16	0	6.78
Question 5	20	Electromagnetism	2	7	2	4.50
Question 6	20	Modern physics	47	19	0	7.44
PAPER 3						
Question 1	20	Mechanics	48	20	5.5	15.22
Question 2	15	Heat	48	14	0	8.52
Question 3	15	Current electricity	48	14.5	0	7.77

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	54	0	10	44	6.6667	3/32	3/18	5/14

GRADE : A=0; B=0; C=0; D=1; E=6; S=3; F=44;

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	54	9.5	0	4.17
Question 2	10	Energetics	53	9.5	0	4.00
Question 3	10	Selected compound of metals	44	6.5	0	1.72
Question 4	10	Aliphatic hydrocarbon	41	6	0	1.15
Question 5	10	Chemical bonding	51	6	0	1.88
Question 6	10	Aromatic hydrocarbon, halo al vane	37	5.5	0	1.97
Question 7	10	Environmental chemistry	49	8.5	0	2.36
Question 8	15	Gases	27	9	0.5	4.70
Question 9	15	Equilibrium	47	9	1.5	6.24
Question 10	15	Atomic structure	32	8.5	0	3.69
PAPER 2						
Question 1	20	Two component liquid system	54	19	0	9.28
Question 2	20	Electrochemistry, chemical kinetics	44	14	0	2.06
Question 3	20	Acid, base and salt, solubility and solubility product	52	11	0.5	6.11
Question 4	20	Redox classification, extraction of metal	48	14	0	4.24
Question 5	20	Transition metal	40	14	0	3.31
Question 6	20	Carbon compounds, carboxylic acid, amine	21	11	0	3.79
PAPER 3						
Question 1	20	Acid - base titration	54	17	5	10.11
Question 2	15	Solubility	53	13	0	2.46
Question 3	15	Qualitative analysis	54	12	0	4.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	35	0	32	3	4.1714	9/31	7/17	5/13

GRADE : A=0; B=5; C=7; D=10; E=6; S=4; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	34	9	1	5.35
Question 2	10	Biochemistry	33	6	0	1.30
Question 3	10	Principle of classification	32	10	0	7.38
Question 4	10	Nutrition	33	10	0	6.03
Question 5	10	Gaseous exchange and respiration	30	8	0	2.50
Question 6	10	Coordination	34	10	2	5.26
Question 7	10	Reproduction	34	10	0	3.53
Question 8	15	Reproduction	11	14	1	6.14
Question 9	15	Gaseous exchange and respiration	34	13	0	7.32
Question 10	15	Transport of materials	22	15	2	6.77
PAPER 2						
Question 1	20	Comparative studies of natural groups	28	20	1	8.57
Question 2	20	Growth and development	32	18	0	8.97
Question 3	20	Excretion, osmoregulation and homeostasis	34	20	0	14.00
Question 4	20	Genetics	28	20	0	13.68
Question 5	20	Evolution	22	18	4	10.09
Question 6	20	Ecology	28	11	0	6.25
PAPER 3						
Question 1	20	Comparative studies of natural groups	34	20	9	17.32
Question 2	15	Comparative studies of natural groups	34	14.5	7	12.40
Question 3	15	Cytology	34	15	7.5	11.38

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	57	0	57	0	3.1228	10/40	7/23	5/16

GRADE : A=0; B=11; C=31; D=12; E=3; 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	57	20	6	12.42
Question 2	15	Elementary survey	4	10.5	4	7.25
Question 3	15	Photograph reading and interpretation	53	14	4	9.99
Question 4	20	Water masses	50	20	3	12.82
Question 5	20	Space dynamics	21	15	0	4.33
Question 6	20	Space dynamics	45	16	1	9.56
Question 7	20	Soil	53	20	4	13.24
PAPER 2						
Question 1	20	Population and development	57	18	0	13.58
Question 2	20	Population and development	23	19	1	13.33
Question 3	20	Mining industry	47	17.5	10	14.51
Question 4	20	Agriculture	44	19	13	16.25
Question 5	20	Tourism industry	19	14	7	11.16
Question 6	20	Manufacturing industry	43	19	7	14.65
Question 7	20	Forest resources	52	17	10	14.63

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	127	0	127	0	2.9449	32/40	19/23	13/16

GRADE : A=6; B=35; C=54; D=24; E=8; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Philosophy and religion	127	17	0	13.63
Question 2	20	Cross-cutting issues in Tanzania	127	19.5	2	15.27
Question 3	20	Science and technology in development	113	19.5	5	12.45
Question 4	20	Democratic process and practice	116	19	3.5	14.34
Question 5	20	International co-operation	64	18	0	11.20
Question 6	20	International co-operation	58	17	0	10.61
Question 7	20	Life skills	23	15	2	8.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ACCOUNTANCY	14	0	14	0	3.4286	2/7	2/4	2/4

GRADE : A=0; B=2; C=7; D=2; 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	Investment	13	8	0.5	4.23
Question 2	10	Nature of accountancy	13	8	1	5.12
Question 3	10	Correction of errors	13	10	3	7.77
Question 4	10	Depressions	13	10	4	8.45
Question 5	20	Branch account	1	3	3	3.00
Question 6	20	Ration interpretations	14	16	7.5	12.04
Question 7	20	Final accounts	14	20	11	17.89
Question 8	20	Depressions	12	17	6	11.75
PAPER 2						
Question 1	10	Company accounts	14	7	0.5	4.36
Question 2	10	Cost accounts	8	9	0	2.75
Question 3	10	Stock accounts	14	9	0.5	6.39
Question 4	10	Royalty accounts	14	10	8.5	9.82
Question 5	20	Company accounts	11	19	6	13.45
Question 6	20	Partnership accounts	6	11	7	8.67
Question 7	20	Payroll accounts	14	13	7	11.07
Question 8	20	Manufacturing accounts	11	14	3	8.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	17	0	17	0	4.4118	26/34	14/18	9/13

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Ufahamu	17	8.5	1.5	5.32
Question 2	10	Matumizi ya sarufi	17	10	4	6.94
Question 3	10	Matumizi ya lugha	17	8	4	5.71
Question 4	10	Matumizi ya sarufi	17	8	2	5.76
Question 5	20	Uandishi	17	15	7	12.47
Question 6	20	Maendeleo ya kiswahili	17	15	7.5	12.29
Question 7	20	Maendeleo ya kiswahili	0	0	0	0.00
Question 8	20	Tafsiri na ukalimani	17	14	1	7.82
PAPER 2						
Question 1	10	Fasihi kwa ujumla (hadithi)	17	5.5	0	2.38
Question 2	10	Fasihi kwa ujumla	17	8.5	0	4.09
Question 3	10	Fasihi kwa ujumla (dhana ya udhamini)	17	8.5	6.5	7.79
Question 4	10	Usanifu wa maandishi	17	8	3.5	5.68
Question 5	20	Uhakiki wa kazi za fasihi andishi (riwaya)	17	15.5	9	13.12
Question 6	20	Uhakiki wa kazi za fasihi andishi (tamthilia)	17	19	3	7.47
Question 7	20	Uhakiki wa kazi za fasihi andishi (ushairi)	17	17	3	4.88
Question 8	20	Uhakiki wa kazi za fasihi andishi (ushairi)	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	20	0	20	0	3.2500	7/38	3/21	2/15

GRADE : A=0; B=3; C=11; D=4; 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	20	8.5	6	7.40
Question 2	10	Introduction to language	19	10	0	6.47
Question 3	10	Writing skills	20	5	0	1.15
Question 4	10	Reading skills	20	10	1	7.25
Question 5	20	Introduction to language	20	16	5	11.85
Question 6	20	Writing skills	20	18	7	13.65
Question 7	20	Listening skills	18	19	16	17.72
Question 8	20	Translation and interpretation	2	9	9	9.00
PAPER 2						
Question 1	10	stylistics and communication	20	9	0	5.25
Question 2	10	theories of literature	19	10	0	4.05
Question 3	10	stylistics and communication	18	8.5	1	4.61
Question 4	10	theories of literature	19	10	0	2.95
Question 5	20	Literary works	19	20	15	17.58
Question 6	20	Literary works	6	18	0	12.83
Question 7	20	Literary works	14	16	8.5	13.46
Question 8	20	Literary works	20	20	11	14.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	41	0	39	2	4.2195	33/39	20/22	14/16

GRADE : A=0; B=1; C=9; D=18; E=8; S=3; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Pre colonial African societies	41	18	1	13.78
Question 2	20	Africa and Europe by the 15th Century	25	14	1	8.80
Question 3	20	People of Africa origin in the new World	35	15	1	12.51
Question 4	20	Colonial economy and social services after the WWII	30	19.5	1	13.68
Question 5	20	Colonial economy and social services after the WWII	17	17.5	1	11.82
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	31	15	5	11.02
Question 7	20	Political and economic development in Tanzania since independence	23	17	8.5	13.00
PAPER 2						
Question 1	20	Rise of capitalism in Europe	40	19.5	0	13.55
Question 2	20	Rise of democracy in Europe	15	15	0	10.23
Question 3	20	Emergency of USA as a new super power	31	12.5	3.5	8.00
Question 4	20	Rise of socialism	36	16.5	3.5	12.93
Question 5	20	Threat of World peace	24	14	1	6.79
Question 6	20	Rise of dictatorship	18	14	0	7.00
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	32	14	0	5.42

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
COMMERCE	14	0	13	1	4.6429	6/7	4/4	4/4

GRADE : A=0; B=0; C=1; D=5; E=7; S=0; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	20	Insurance	12	16	1	12.33
Question 2	20	Banking	13	15	9	12.62
Question 3	20	Transport	13	17.5	5	11.42
Question 4	20	Banking	10	14	1.5	9.05
Question 5	20	Production	9	14	2.5	10.72
Question 6	20	Business capital, trade in general	2	14	11	12.50
Question 7	20	Wholesalers	10	18	8	13.10
PAPER 2						
Question 1	20	BANKING	13	11	1	5.62
Question 2	20	BUSINESS MANAGEMENT	14	15	9	11.00
Question 3	20	BUSINESS CAPITAL	12	10.5	5	7.79
Question 4	20	BUSINESS UNIT	13	13	0	10.73
Question 5	20	BUSINESS UNIT	9	7	0	3.56
Question 6	20	BUSINESS OFFICE	5	16	0	7.20
Question 7	20	CONTRACT OF SALES	3	16	8	12.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	65	0	39	26	5.3846	7/38	4/22	3/15

GRADE : A=1; B=3; C=5; D=13; E=8; S=9; F=26;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	65	10	0	7.54
Question 2	10	Functions	65	10	0	6.52
Question 3	10	Algebra	64	9	0	3.28
Question 4	10	Differentiation	63	10	0	5.01
Question 5	10	Integration	39	8.5	0	2.50
Question 6	10	Statistics	63	10	0	6.46
Question 7	10	Probability	53	7.5	0	2.24
Question 8	10	Trigonometry	44	10	0	3.84
Question 9	10	Exponential and logarithmic function	58	9	0	2.74
Question 10	10	Matrix	53	9	0	3.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	44	0	38	6	4.4545	25/33	18/22	11/15

GRADE : A=0; B=2; C=11; D=10; E=13; S=2; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	The subject matter of economics	44	10	0	6.15
Question 2	10	Population	43	9	0	5.50
Question 3	20	Production	40	20	2.7	15.36
Question 4	20	Demand and supply	14	18.5	0	8.68
Question 5	20	Theories of firm	32	20	0	9.89
Question 6	20	Environmental economics	38	17	0	9.61
Question 7	20	Theories of money	14	12	0	2.57
Question 8	20	Employment and unemployment	35	15	0	9.31
PAPER 2						
Question 1	10	Economic growth and development	44	10	1	7.59
Question 2	10	Economic integration	44	10	0	6.39
Question 3	20	National income	39	20	0	9.88
Question 4	20	Financial institutions	16	14	4	9.06
Question 5	20	International trade	33	19	2.5	11.67
Question 6	20	Economic structure of Tanzania	42	18	1	8.46
Question 7	20	Economic planning	30	11	0	3.57
Question 8	20	Financial institutions	12	18	4	11.42