



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

Suma Engikaret Secondary School FORM SIX SUBJECTS PERFORMANCE REPORT - 2022

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	3	0	1	2	6.6667	21/31	6/10	3/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Calculating devices	3	7.5	2.5	5.83
Question 2	10	Hyperbolic functions	3	4	0	1.33
Question 3	10	Linear programming	3	9	0	3.00
Question 4	10	Statistics	3	7	3	4.50
Question 5	10	Sets	3	6.5	3	5.17
Question 6	10	Functions	3	6.5	5	6.00
Question 7	10	Numerical methods	3	4.5	2	3.00
Question 8	10	Coordinate geometry 1	1	0	0	0.00
Question 9	10	Integration	0	0	0	0.00
Question 10	10	Differentiation	2	2	0	1.00
PAPER 2						
Question 1	15	Probability	3	6	0	3.67
Question 2	15	Logic	3	7	5	6.33
Question 3	15	Vectors	1	8	8	8.00
Question 4	15	Complex numbers	3	6	0	2.00
Question 5	20	Trigonometry	3	5	0	3.33
Question 6	20	Algebra	2	7	2	4.50
Question 7	20	Differential equations	1	5	5	5.00
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	6	0	4	2	5.8333	19/30	4/8	2/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Measurement	6	10	1	6.00
Question 2	10	Newton's Laws and SHM	6	5	0	1.92
Question 3	10	Moment of gravitational force	6	7	0	5.67
Question 4	10	Gravitational force moment on inertia	5	1	0	0.20
Question 5	10	Heat	6	6	0	3.17
Question 6	10	Heat	6	5	1	3.17
Question 7	10	Environmental physics	6	9	1	7.00
Question 8	15	Current electricity	4	1	0	0.50
Question 9	15	Electronics	5	7.5	1	3.70
Question 10	15	Electronics	2	9	4	6.50
PAPER 2						
Question 1	20	Fluid mechanics	6	13	0	7.83
Question 2	20	Waves	6	18	0	6.67
Question 3	20	Properties of matter	6	18	2	10.33
Question 4	20	Electrostatics	5	9	1	4.40
Question 5	20	Electromagnetism	0	0	0	0.00
Question 6	20	Modern physics	5	8	1	3.60
PAPER 3						
Question 1	20	Mechanics	6	19.5	13.5	17.33
Question 2	15	Heat	6	12	7	8.83
Question 3	15	Current electricity	6	2.5	1.5	2.17

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	11	0	0	11	7.0000	32/32	10/10	5/5

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
PAPER 1						
Question 1	10	Relative molecular mass in a solution	11	4	0	2.18
Question 2	10	Energetics	11	2	0	0.27
Question 3	10	Selected compound of metals	8	2.5	0	0.94
Question 4	10	Aliphatic hydrocarbon	7	2	0	0.43
Question 5	10	Chemical bonding	11	1	0	0.09
Question 6	10	Aromatic hydrocarbon, halo al vane	8	2.5	0	1.50
Question 7	10	Environmental chemistry	10	2	0	1.00
Question 8	15	Gases	6	4	0.5	2.42
Question 9	15	Equilibrium	9	7.5	3.5	5.28
Question 10	15	Atomic structure	6	7.5	0	3.08
PAPER 2						
Question 1	20	Two component liquid system	11	9	1.5	4.77
Question 2	20	Electrochemistry, chemical kinetics	8	2	0	0.75
Question 3	20	Acid, base and salt, solubility and solubility product	10	9	2.5	6.20
Question 4	20	Redox classification, extraction of metal	11	10	0	4.36
Question 5	20	Transition metal	9	2.5	0	0.89
Question 6	20	Carbon compounds, carboxylic acid, amine	3	4	1.5	2.83
PAPER 3						
Question 1	20	Acid - base titration	11	12	5	8.36
Question 2	15	Solubility	11	4.5	2.5	3.59
Question 3	15	Qualitative analysis	11	13	3	10.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	8	0	7	1	5.3750	26/31	8/10	4/5

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Cytology	8	7	2	4.25
Question 2	10	Biochemistry	8	0.5	0	0.06
Question 3	10	Principle of classification	8	8	0	5.63
Question 4	10	Nutrition	8	4	0	1.38
Question 5	10	Gaseous exchange and respiration	8	8	0	2.00
Question 6	10	Coordination	8	7.5	0	3.69
Question 7	10	Reproduction	8	2	0	0.25
Question 8	15	Reproduction	1	1.5	1.5	1.50
Question 9	15	Gaseous exchange and respiration	8	9	2	6.50
Question 10	15	Transport of materials	7	6	0	3.29
PAPER 2						
Question 1	20	Comparative studies of natural groups	6	13	3	10.00
Question 2	20	Growth and development	8	9	3	5.00
Question 3	20	Excretion, osmoregulation and homeostasis	4	8	1	4.75
Question 4	20	Genetics	8	13	8	10.50
Question 5	20	Evolution	8	14	3.5	7.50
Question 6	20	Ecology	6	11	1	7.17
PAPER 3						
Question 1	20	Comparative studies of natural groups	8	17	10	14.44
Question 2	15	Comparative studies of natural groups	8	14	9	11.81
Question 3	15	Cytology	8	14	11	12.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	8	0	8	0	3.5000	15/40	4/13	2/7

GRADE : A=0; B=0; C=4; D=4; E=0; 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	21	8	13.94
Question 2	15	Elementary survey	0	0	0	0.00
Question 3	15	Photograph reading and interpretation	8	14	5	9.25
Question 4	20	Water masses	8	12	9	10.38
Question 5	20	Space dynamics	3	11	8	9.33
Question 6	20	Space dynamics	4	13	0	4.75
Question 7	20	Soil	8	16	2	6.63
PAPER 2						
Question 1	20	Population and development	8	16	9	12.25
Question 2	20	Population and development	4	13.5	11	12.25
Question 3	20	Mining industry	4	15	9.5	12.63
Question 4	20	Agriculture	8	17	15	16.13
Question 5	20	Tourism industry	1	5	5	5.00
Question 6	20	Manufacturing industry	7	18	13	15.57
Question 7	20	Forest resources	8	14	12	13.75

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	16	0	16	0	2.7500	23/40	9/13	6/7

GRADE : A=0; B=6; C=8; D=2; 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	16	17	13	15.81
Question 2	20	Cross-cutting issues in Tanzania	16	17	9.5	13.69
Question 3	20	Science and technology in development	15	20	12	14.73
Question 4	20	Democratic process and practice	14	15	1	12.11
Question 5	20	International co-operation	9	16	11	13.56
Question 6	20	International co-operation	6	14	7	10.83
Question 7	20	Life skills	4	12	1	8.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	2	0	2	0	4.0000	15/34	5/12	2/6

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
PAPER 1						
Question 1	10	Ufahamu	2	5	3	4.00
Question 2	10	Matumizi ya sarufi	2	8	6	7.00
Question 3	10	Matumizi ya lugha	2	6	6	6.00
Question 4	10	Matumizi ya sarufi	2	8	4	6.00
Question 5	20	Uandishi	1	16	16	16.00
Question 6	20	Maendeleo ya kiswahili	2	15	14	14.50
Question 7	20	Maendeleo ya kiswahili	1	9.5	9.5	9.50
Question 8	20	Tafsiri na ukalimani	2	14	11	12.50
PAPER 2						
Question 1	10	Fasihi kwa ujumla (hadithi)	2	2	1	1.50
Question 2	10	Fasihi kwa ujumla	2	0	0	0.00
Question 3	10	Fasihi kwa ujumla (dhana ya udhamini)	2	7.5	6	6.75
Question 4	10	Usanifu wa maandishi	2	7.5	6.5	7.00
Question 5	20	Uhakiki wa kazi za fasihi andishi (riwaya)	2	16	14	15.00
Question 6	20	Uhakiki wa kazi za fasihi andishi (tamthilia)	2	19	3	11.00
Question 7	20	Uhakiki wa kazi za fasihi andishi (ushairi)	1	3	3	3.00
Question 8	20	Uhakiki wa kazi za fasihi andishi (ushairi)	1	3	3	3.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	5	0	5	0	3.4000	13/38	5/13	2/7

GRADE : A=0; B=1; C=1; 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	10	Introduction to language	5	9	7.5	7.90
Question 2	10	Introduction to language	5	10	0	6.40
Question 3	10	Writing skills	5	5	0	1.20
Question 4	10	Reading skills	5	9	5	6.20
Question 5	20	Introduction to language	5	16	6	13.20
Question 6	20	Writing skills	5	17	12	14.20
Question 7	20	Listening skills	4	18	14	17.00
Question 8	20	Translation and interpretation	1	7	7	7.00
PAPER 2						
Question 1	10	stylistics and communication	5	6	4	5.20
Question 2	10	theories of literature	5	3	0	1.10
Question 3	10	stylistics and communication	4	8	2	6.00
Question 4	10	theories of literature	3	5	0	3.00
Question 5	20	Literary works	5	18	14	16.40
Question 6	20	Literary works	2	17	5	11.00
Question 7	20	Literary works	3	10	0	5.67
Question 8	20	Literary works	5	18	14	17.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	5	0	5	0	3.8000	24/39	6/13	2/7

GRADE : A=0; B=0; C=3; D=0; E=2; S=0; 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	14.5	5	12.10
Question 2	20	Africa and Europe by the 15th Century	5	13	1	7.60
Question 3	20	People of Africa origin in the new World	5	14	2	10.80
Question 4	20	Colonial economy and social services after the WWII	2	17	13	15.00
Question 5	20	Colonial economy and social services after the WWII	3	15	1	8.50
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	5	14	12	12.90
Question 7	20	Political and economic development in Tanzania since independence	0	0	0	0.00
PAPER 2						
Question 1	20	Rise of capitalism in Europe	5	15.5	9.5	12.80
Question 2	20	Rise of democracy in Europe	4	14	10	12.25
Question 3	20	Emergency of USA as a new super power	1	4	4	4.00
Question 4	20	Rise of socialism	3	12.5	10	11.50
Question 5	20	Threat of World peace	3	14.5	12	13.33
Question 6	20	Rise of dictatorship	4	14	11	12.00
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	5	14.5	12	13.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BASIC APPLIED MATHEMATICS	8	0	5	3	6.0000	13/38	4/12	3/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	8	10	3	6.31
Question 2	10	Functions	8	10	3.5	6.81
Question 3	10	Algebra	7	5.5	1	2.57
Question 4	10	Differentiation	8	8.5	1	4.50
Question 5	10	Integration	6	4	0	1.17
Question 6	10	Statistics	8	9.5	4	7.38
Question 7	10	Probability	7	8.5	0	3.21
Question 8	10	Trigonometry	1	0	0	0.00
Question 9	10	Exponential and logarithmic function	5	7	0	2.70
Question 10	10	Matrix	8	3.5	0.5	2.13