



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

## Sanu Seminary School FORM SIX SUBJECTS PERFORMANCE REPORT - 2022

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ADVANCED MATHEMATICS	7	0	3	4	6.1429	15/31	1/3	1/2

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Calculating devices	6	5	0	2.50
Question 2	10	Hyperbolic functions	5	2	1.5	1.70
Question 3	10	Linear programming	7	10	8	8.71
Question 4	10	Statistics	7	7	0	5.36
Question 5	10	Sets	7	7	1.5	4.50
Question 6	10	Functions	7	5.5	0	2.71
Question 7	10	Numerical methods	7	8.5	3.5	6.14
Question 8	10	Coordinate geometry 1	6	3.5	3	3.08
Question 9	10	Integration	2	1	0	0.50
Question 10	10	Differentiation	3	1.5	0.5	1.00
<b>PAPER 2</b>						
Question 1	15	Probability	6	0	0	0.00
Question 2	15	Logic	7	14	4	8.29
Question 3	15	Vectors	7	9	0	4.29
Question 4	15	Complex numbers	7	13	0	7.14
Question 5	20	Trigonometry	7	12	0	5.79
Question 6	20	Algebra	7	14	7	10.71
Question 7	20	Differential equations	0	0	0	0.00
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	7	0	6	1	5.4286	7/30	1/4	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Measurement	7	9	1	3.43
Question 2	10	Newton's Laws and SHM	7	5	0	2.71
Question 3	10	Moment of gravitational force	7	8	5	6.57
Question 4	10	Gravitational force moment on inertia	7	10	0	2.71
Question 5	10	Heat	7	7	0	2.86
Question 6	10	Heat	7	4	0	2.14
Question 7	10	Environmental physics	7	9	5	7.43
Question 8	15	Current electricity	2	1	0	0.50
Question 9	15	Electronics	6	9	2.5	5.33
Question 10	15	Electronics	6	11	3	6.50
<b>PAPER 2</b>						
Question 1	20	Fluid mechanics	7	19	4	12.07
Question 2	20	Waves	7	13	3	7.00
Question 3	20	Properties of matter	6	14	0	9.50
Question 4	20	Electrostatics	7	10.5	1	6.07
Question 5	20	Electromagnetism	4	9	0	5.75
Question 6	20	Modern physics	4	15	4	8.50
<b>PAPER 3</b>						
Question 1	20	Mechanics	7	15.5	3.5	10.86
Question 2	15	Heat	7	11	2	8.00
Question 3	15	Current electricity	7	11	2	4.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	22	0	2	20	6.8182	6/32	1/4	5/4

GRADE : A=0; B=0; C=0; D=0; E=2; S=0; F=20;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Relative molecular mass in a solution	22	7	0.5	3.34
Question 2	10	Energetics	22	7	0.5	2.55
Question 3	10	Selected compound of metals	21	5	0	1.90
Question 4	10	Aliphatic hydrocarbon	16	3	0	0.69
Question 5	10	Chemical bonding	20	2	0	0.65
Question 6	10	Aromatic hydrocarbon, halo al vane	12	4.5	0	1.67
Question 7	10	Environmental chemistry	18	4	0	1.75
Question 8	15	Gases	12	10	1.5	3.92
Question 9	15	Equilibrium	21	11	1	7.02
Question 10	15	Atomic structure	10	5	0	1.30
<b>PAPER 2</b>						
Question 1	20	Two component liquid system	21	15.5	0.5	5.83
Question 2	20	Electrochemistry, chemical kinetics	22	12	0	2.05
Question 3	20	Acid, base and salt, solubility and solubility product	22	9	0	4.25
Question 4	20	Redox classification, extraction of metal	22	13	0	6.05
Question 5	20	Transition metal	19	14	0.5	5.03
Question 6	20	Carbon compounds, carboxylic acid, amine	3	2	1	1.50
<b>PAPER 3</b>						
Question 1	20	Acid - base titration	22	10.5	2	6.09
Question 2	15	Solubility	20	6	0	1.25
Question 3	15	Qualitative analysis	22	15	5	10.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	21	0	19	2	4.4286	12/31	2/4	3/4

GRADE : A=0; B=1; C=4; D=6; E=7; S=1; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Cytology	21	10	2	4.86
Question 2	10	Biochemistry	20	7	0	1.30
Question 3	10	Principle of classification	20	10	0	6.50
Question 4	10	Nutrition	21	8	0	3.48
Question 5	10	Gaseous exchange and respiration	18	8	0	0.94
Question 6	10	Coordination	21	10	1	4.83
Question 7	10	Reproduction	21	10	0	4.00
Question 8	15	Reproduction	14	12	0	7.21
Question 9	15	Gaseous exchange and respiration	18	12	4	7.39
Question 10	15	Transport of materials	10	13	3	6.10
<b>PAPER 2</b>						
Question 1	20	Comparative studies of natural groups	17	16	0	4.65
Question 2	20	Growth and development	21	17	0	9.76
Question 3	20	Excretion, osmoregulation and homeostasis	14	12	2	7.00
Question 4	20	Genetics	14	17	1	12.36
Question 5	20	Evolution	20	18	6	12.90
Question 6	20	Ecology	19	9	0	6.26
<b>PAPER 3</b>						
Question 1	20	Comparative studies of natural groups	21	20	7	16.43
Question 2	15	Comparative studies of natural groups	21	15	9	13.19
Question 3	15	Cytology	21	15	10	13.71

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	31	0	31	0	3.5484	21/40	3/4	3/4

GRADE : A=0; B=1; C=13; D=16; E=1; S=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	25	Map reading and interpretation	31	16	4	9.55
Question 2	15	Elementary survey	1	1.5	1.5	1.50
Question 3	15	Photograph reading and interpretation	30	13	5	8.80
Question 4	20	Water masses	31	14	7	10.84
Question 5	20	Space dynamics	7	16	5	11.71
Question 6	20	Space dynamics	26	16	0	4.58
Question 7	20	Soil	29	19.5	7	15.33
<b>PAPER 2</b>						
Question 1	20	Population and development	31	16	3	10.89
Question 2	20	Population and development	10	16	12	14.30
Question 3	20	Mining industry	28	17	9	13.41
Question 4	20	Agriculture	21	18	2	14.57
Question 5	20	Tourism industry	8	15	8	11.50
Question 6	20	Manufacturing industry	27	19	9	15.44
Question 7	20	Forest resources	30	18.5	10.5	14.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GENERAL STUDIES	40	0	40	0	2.7750	25/40	3/4	3/4

GRADE : A=1; B=13; C=20; D=6; 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	40	17	11	14.90
Question 2	20	Cross-cutting issues in Tanzania	40	19	1	14.73
Question 3	20	Science and technology in development	40	17	2	13.10
Question 4	20	Democratic process and practice	21	17.5	10	13.79
Question 5	20	International co-operation	23	16	8	12.54
Question 6	20	International co-operation	25	17	0.5	11.30
Question 7	20	Life skills	11	12	5	8.68

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	10	0	10	0	3.4000	4/34	3/4	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Ufahamu	10	6.5	3	4.95
Question 2	10	Matumizi ya sarufi	10	9.5	5.5	7.55
Question 3	10	Matumizi ya lugha	10	8	3	5.60
Question 4	10	Matumizi ya sarufi	10	8	2	5.40
Question 5	20	Uandishi	10	20	10	15.50
Question 6	20	Maendeleo ya kiswahili	10	19	7	13.95
Question 7	20	Maendeleo ya kiswahili	0	0	0	0.00
Question 8	20	Tafsiri na ukalimani	10	15	0	7.90
<b>PAPER 2</b>						
Question 1	10	Fasihi kwa ujumla (hadithi)	10	4	0	1.20
Question 2	10	Fasihi kwa ujumla	10	9	1	5.80
Question 3	10	Fasihi kwa ujumla (dhana ya udamini)	10	8.5	3.5	7.20
Question 4	10	Usanifu wa maandishi	10	7.5	3.5	5.70
Question 5	20	Uhakiki wa kazi za fasihi andishi (riwaya)	10	15	12.5	14.05
Question 6	20	Uhakiki wa kazi za fasihi andishi (tamthilia)	10	16	3	9.90
Question 7	20	Uhakiki wa kazi za fasihi andishi (ushairi)	10	19	1	12.90
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	3	0	3	0	3.3333	11/38	4/4	4/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Introduction to language	3	9	7.5	8.00
Question 2	10	Introduction to language	3	10	10	10.00
Question 3	10	Writing skills	3	0	0	0.00
Question 4	10	Reading skills	3	10	9	9.67
Question 5	20	Introduction to language	3	15	12	14.00
Question 6	20	Writing skills	3	18	14	16.00
Question 7	20	Listening skills	3	20	16	17.33
Question 8	20	Translation and interpretation	0	0	0	0.00
<b>PAPER 2</b>						
Question 1	10	stylistics and communication	3	5	5	5.00
Question 2	10	theories of literature	3	10	3	5.67
Question 3	10	stylistics and communication	3	9	2	4.67
Question 4	10	theories of literature	2	8	7	7.50
Question 5	20	Literary works	3	18	18	18.00
Question 6	20	Literary works	0	0	0	0.00
Question 7	20	Literary works	3	10	0	3.33
Question 8	20	Literary works	3	10	9	9.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	12	0	12	0	3.0000	4/39	1/4	2/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	20	Pre colonial African societies	12	18	1	14.17
Question 2	20	Africa and Europe by the 15th Century	10	12.5	3	10.25
Question 3	20	People of Africa origin in the new World	12	15	3	12.00
Question 4	20	Colonial economy and social services after the WWII	2	14	14	14.00
Question 5	20	Colonial economy and social services after the WWII	5	14	1	8.40
Question 6	20	The influence of external forces and the rise of nationalism and structure for independence	10	16	1	11.60
Question 7	20	Political and economic development in Tanzania since independence	9	17.5	11.5	14.00
<b>PAPER 2</b>						
Question 1	20	Rise of capitalism in Europe	12	19.5	9.5	16.04
Question 2	20	Rise of democracy in Europe	12	16	13	14.58
Question 3	20	Emergency of USA as a new super power	2	13	9.5	11.25
Question 4	20	Rise of socialism	6	15.5	13.5	14.83
Question 5	20	Threat of World peace	11	17	9	14.23
Question 6	20	Rise of dictatorship	6	14	0	10.83
Question 7	20	Neo-colonialism and the question of underdevelopment of third world	11	15	0	10.73

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC APPLIED MATHEMATICS	22	0	4	18	6.7727	29/38	2/4	3/4

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Calculating devices	22	10	1.5	6.70
Question 2	10	Functions	19	7	0	2.95
Question 3	10	Algebra	21	4	0.5	1.67
Question 4	10	Differentiation	15	8	0	2.03
Question 5	10	Integration	17	2.5	0	0.71
Question 6	10	Statistics	22	10	0	6.52
Question 7	10	Probability	17	4.5	0	1.59
Question 8	10	Trigonometry	3	4	0	1.33
Question 9	10	Exponential and logarithmic function	19	8	0.5	2.26
Question 10	10	Matrix	21	8.5	0.5	3.36

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ECONOMICS	7	0	7	0	4.2857	20/33	2/4	2/3

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	The subject matter of economics	7	10	3	5.50
Question 2	10	Population	7	7	3	5.29
Question 3	20	Production	7	19.8	5.3	13.99
Question 4	20	Demand and supply	2	5	2.5	3.75
Question 5	20	Theories of firm	5	18.5	0	10.60
Question 6	20	Environmental economics	6	14	3.5	9.83
Question 7	20	Theories of money	3	4	0	1.33
Question 8	20	Employment and unemployment	5	13	3	9.00
<b>PAPER 2</b>						
Question 1	10	Economic growth and development	7	10	8	9.57
Question 2	10	Economic integration	7	10	0	5.29
Question 3	20	National income	6	12	6.5	9.90
Question 4	20	Financial institutions	1	13	13	13.00
Question 5	20	International trade	7	16.5	7.5	13.43
Question 6	20	Economic structure of Tanzania	7	15	2	3.86
Question 7	20	Economic planning	7	12	5.5	9.21
Question 8	20	Financial institutions	0	0	0	0.00