



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM FOUR PRE NATIONAL EXAMINATIONS 2021**

**ST. JOSEPH NGARENARO SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	14	0	11	3	4.1429	36/94	12/29	9/17

GRADE : A=0; B=0; C=1; D=10; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	14	6	1	4.29
Question 2	5	Matching items	14	4	1	2.71
Question 3	10	Friction	14	4	0	1.29
Question 4	10	Equilibrium, relative density	14	7	0	2.36
Question 5	10	Optical instruments, censes	14	5	0	1.50
Question 6	10	Temperature and thermometer	13	4	0	1.00
Question 7	10	Magnetism	14	5.5	0	2.82
Question 8	10	Expansion of solid (thermal)	13	7	0	3.23
Question 9	12.5	Waves	1	1	1	1.00
Question 10	12.5	Archmedes, law of flotation	14	12.5	0	6.61
Question 11	12.5	Radioactivity	13	11	0	6.08
PAPER 2						
Question 1	25	Mechanics	14	8	1	5.00
Question 2	25	Electrics current	14	22.5	7	17.36

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	23	0	20	3	3.6957	56/97	19/30	16/17

GRADE : A=0; B=0; C=10; D=10; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	23	7	1	3.74
Question 2	5	Atomic structure	23	5	0	2.17
Question 3	7	Formula. bonding and nomeclature, mole concept	23	4.5	0	2.30
Question 4	7	Salts (action of heat on salts), hardness of water	23	3	0	0.78
Question 5	7	Chemical kinetic and equilibrium	23	6	0	3.74
Question 6	7	Non-metal and their compounds	23	5	0	2.26
Question 7	7	Ionic theory and electrolysis, atomic structure	23	6	0	1.87
Question 8	7	Organic chemistry	23	2	0	0.39
Question 9	7	Acids, base and salts	23	2	0	0.39
Question 10	7	Soil chemistry, pollution (acidic rain)	23	7	1	4.65
Question 11	7	Separation of mixtures, fuels and energy (biogas plant)	23	3.5	0	1.46
Question 12	7	Hydrogen (preparation)	23	6	0	3.76
Question 13	15	Extraction of metals	0	0	0	0.00
Question 14	15	Pollution	22	13	6	9.50
PAPER 2						
Question 1	25		23	11	3	7.00
Question 2	25		23	25	4	18.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	56	0	45	11	3.4643	63/97	22/30	17/17

GRADE : A=0; B=10; C=21; D=14; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	56	9	1	5.93
Question 2	5	Movement	56	5	0	1.66
Question 3	6	Introduction to biology	56	3	0	1.52
Question 4	6	Safety in our environment	56	6	0	3.45
Question 5	6	Safety in our environment	55	4	0	2.21
Question 6	6	Transport of material in living things	50	6	0	1.78
Question 7	6	Cell structure and organization	56	6	0	2.43

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 8	6	Classification of living things	56	6	0	5.04
Question 9	6	Gaseous exchange, HIV/AIDS, STS's and STD's	56	6	0	4.23
Question 10	6	Balance of nature	56	6	0	4.57
Question 11	6	Movement	54	6	0	2.08
Question 12	6	Reproduction, coordination	52	6	0	2.17
Question 13	15	Nutrition	54	13	1	7.74
Question 14	10	Genetics	28	7	0	2.50
Question 15	10	Organic evolution	23	10	0	5.91
PAPER 2						
Question 1	25	Nutrition	56	20	2	9.93
Question 2	25	Classification of living things	56	20	0.5	12.26

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	56	0	31	25	4.1071	72/97	24/30	17/17

GRADE : A=0; B=1; C=17; D=13; F=25;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	56	7	0	3.02
Question 2	5	Matching items	56	5	0	1.39
Question 3	11	Map reading and interpretation	56	10	0	4.51
Question 4	11	Statistics	56	8.5	0	2.26
Question 5	11	Survey	53	8	0	3.25
Question 6	11	Research	53	9	0	2.99
Question 7	11	Photograph reading and interpretation	56	11	0	5.37
Question 8	15	Population	27	15	0	4.13
Question 9	15	Agriculture	53	15	0	8.03
Question 10	15	Solar system	32	12	0	5.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	56	0	55	1	2.2679	40/97	13/30	11/17

GRADE : A=17; B=14; C=19; D=5; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	56	9	1	5.41
Question 2	5	Matching items	56	5	0	1.84
Question 3	5	Economic and social development	55	5	0	2.15
Question 4	5	Globalization	46	5	0	1.93
Question 5	5	Culture	55	5	0	3.33
Question 6	5	Culture	56	5	0	4.21
Question 7	5	Citizenship	56	5	2	4.75
Question 8	5	Proper behavior and decision making	56	5	0	3.77
Question 9	5	Life skills	56	5	4	4.39
Question 10	5	Culture	56	5	2	4.45
Question 11	15	Culture, contemporary issues	52	14.5	2	9.19
Question 12	15	Contemporary , cross cutting issues	42	15	3	11.17
Question 13	15	Culture	32	14	0	8.16
Question 14	15	Government	40	15	2	9.73

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	56	0	52	4	3.5357	70/97	22/30	15/17

GRADE : A=0; B=1; C=28; D=23; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Kuchagua	56	8	1	4.23
Question 2	5	Kuoanisha	56	5	0	2.38
Question 3	4	Sarufi	56	4	0	0.98
Question 4	4	Mjengo wa tungo	55	4	0	1.29
Question 5	8	Utunzi wa lugha katika miktadha mbalimbali	56	8	0	7.41
Question 6	8	Historia ya maendeleo ya lugha ya kiswahili	56	8	0	3.34
Question 7	8	Fasihi kwa ujumla	55	6	0	2.74
Question 8	8	Ufahamu na ufupisho	56	5	0	1.38
Question 9	15	Uandishi	27	10	0	0.81
Question 10	15	Uhakiki wa kazi za fasihi andishi	56	14	0	9.76
Question 11	15	Uhakiki wa kazi za fasihi andishi - tamthiliya	54	14	2	9.94
Question 12	15	Utungaji wa kazi za fasihi simulizi	26	9	0	2.77

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	56	0	55	1	2.3214	35/97	14/30	12/17

GRADE : A=13; B=18; C=20; D=4; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	56	10	1	7.45
Question 2	5	Matching items	56	5	0	4.11
Question 3	5	Factual and non factual information	56	5	2	4.13
Question 4	5	Language use	56	5	0	1.59
Question 5	5	Language use	56	5	0	3.61
Question 6	8	Directions, preposition of place	56	8	0	5.50
Question 7	7	Family tree	55	7	0	2.24
Question 8	10	Decoration	55	9	2	8.11
Question 9	15	Composition, writing skills	27	14	1	6.57
Question 10	15	Literary works	46	13	1	7.63
Question 11	15	Literary works	52	14.5	3	10.22
Question 12	15	Literary works	41	15	2	11.89

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	56	0	50	6	3.5714	43/96	16/29	14/16

GRADE : A=0; B=4; C=22; D=24; F=6;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	56	11	2	6.68
Question 2	5	Matching items	56	5	0	2.16
Question 3	12	Short notes	54	10	0	2.69
Question 4	12	Establishment of colonialism	56	8	0	1.29
Question 5	11	Sketch map	55	11	0	3.11
Question 6	15	Social and political organization	52	14	0	9.61
Question 7	15	Nationalism and decolonization process	8	12	1	6.50
Question 8	15	Colonial economy	51	14	1	9.47
Question 9	15	Africa in the international affairs	50	14	2	10.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	56	0	6	50	4.8393	59/97	18/30	16/17

GRADE : A=0; B=0; C=3; D=3; F=50;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal and percentage, number system	56	6	0	1.74
Question 2	6	Exponents and radicals, logarithms	56	3	0	0.38
Question 3	6	Probability, sets	56	3.5	0	0.29
Question 4	6	Coordinate geometry, vectors	56	6	0	1.13
Question 5	6	Areas and perimeters, similarities	56	6	0	0.92
Question 6	6	Rate and variations	56	6	0	1.80
Question 7	6	Accounts, ratio, profit and loss	55	3	0	1.13
Question 8	6	Sequence and series	56	4.5	0	0.31
Question 9	6	Trigonometry, pythagoras	56	5	0	0.29
Question 10	6	Quadratic equations	56	2	0	0.32
Question 11	10	Statistics, circle	56	7	0	1.71
Question 12	10	Earths as sphere, three dimension	56	6	0	0.96
Question 13	10	Matrix and transformation	56	5	0	0.87
Question 14	10	Function, linear programming	55	2.5	0	0.12

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
INFORMATION AND COMPUTER STUDIES	12	0	12	0	2.9167	10/15	4/6	4/5

GRADE : A=0; B=3; C=7; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	12	5	1	3.25
Question 2	5	Various topics	12	5	1	3.83
Question 3	5	Computer software, computer evolution, computer network and communication	12	3	0	1.33
Question 4	10	Database as information, management of database information system	12	7	1	4.42
Question 5	10	The internet, the computer, computer software	12	6	1	3.33
Question 6	10	Computer network	11	10	4	6.27
Question 7	10	Spreadsheet, word processing	12	8	0	4.25
Question 8	10	Web development	12	10	0	4.25
Question 9	10	Computer network	12	8	0	2.83

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 10	10	The concept of information, database information systems	12	10	6	9.25
Question 11	10	Impact of ICT on the society	10	8	3	6.20
Question 12	10	Impact of ICT on the society	1	7	7	7.00
PAPER 2						
Question 1	25	Spreadsheet	12	25	0	14.00
Question 2	25	Management of database information system , word processing	12	25	9	21.00
Question 3	25	Web development	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	39	0	36	3	3.1282	28/54	15/24	14/15

GRADE : A=1; B=5; C=24; D=6; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	39	15	4	10.90
Question 2	5	Israel patriarchs and Paul missionary journey	39	5	0	2.51
Question 3	9	Life of Jacob	37	9	0	4.73
Question 4	9	Jerusalem council	35	6	0	1.83
Question 5	9	The roles of Angels in Jesus' mission	8	9	3	7.25
Question 6	9	Jesus mission in Galilee	32	7	4	6.13
Question 7	9	Servants of the mountains	19	7	0	3.79
Question 8	9	Jesus transfiguration	22	8	4	5.68
Question 9	9	Parables of the kingdom	8	8	3	5.50
Question 10	9	Jesus resurrection	30	9	1	5.13
Question 11	15	Paul's missionary journey	36	15	5	12.97
Question 12	15	Israel under the leadership of Joshua and Judges	13	13	0	3.15
Question 13	15	Israel under the leadership of Joshua and Judges	26	9	0	3.46

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
FOOD AND NUTRITION	28	0	28	0	2.3929	4/7	2/3	2/2

GRADE : A=2; B=14; C=11; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	28	9	1	5.21
Question 2	10	Various topics	28	4	0	1.79
Question 3	10	Maternal and child health	28	8	0.5	5.29
Question 4	10	Laundry	28	7	0.5	4.05
Question 5	10	Eggs, milk and milk products	28	8	0	5.59
Question 6	10	An ideal house	28	10	3	5.66
Question 7	10	Meat and fish	28	9	0	6.14
Question 8	10	Catering	28	9	0	3.95
Question 9	10	Cooking food	28	8	2	4.30
Question 10	15	Food contamination	2	6.5	4	5.25
Question 11	15	Meal planning	26	13.5	5	10.08
PAPER 2						
Question 1	100		28	87	43	76.46