



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

**FRANSALIAN HEKIMA SECONDARY SCHOOL  
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	13	0	13	0	3.6154	13/94	5/29	5/17

GRADE : A=0; B=0; C=5; D=8; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	13	7	3	4.54
Question 2	5	Matching items	13	5	2	3.46
Question 3	10	Friction	13	7	1	4.08
Question 4	10	Equilibrium, relative density	13	4	0	2.15
Question 5	10	Optical instruments, censes	13	7	0	3.69
Question 6	10	Temperature and thermometer	13	4	0	1.92
Question 7	10	Magnetism	13	8.5	4	6.42
Question 8	10	Expansion of solid (thermal)	13	8	2	5.15
Question 9	12.5	Waves	2	4.5	0.5	2.50
Question 10	12.5	Archmedes, law of flotation	12	9.5	0.5	5.46
Question 11	12.5	Radioactivity	12	11	3	6.83
<b>PAPER 2</b>						
Question 1	25	Mechanics	13	11.5	2.5	8.31
Question 2	25	Electrics current	13	18.5	6	11.62

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	14	0	14	0	3.0000	25/97	8/30	7/17

GRADE : A=0; B=0; C=14; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choices	14	7	2	5.29
Question 2	5	Atomic structure	14	4	1	2.36
Question 3	7	Formula. bonding and nomeclature, mole concept	13	6.5	0.5	3.65
Question 4	7	Salts (action of heat on salts), hardness of water	14	5	1	2.29
Question 5	7	Chemical kinetic and equilibrium	14	6	3	5.36
Question 6	7	Non-metal and their compounds	14	7	3	4.93
Question 7	7	Ionic theory and electrolysis, atomic structure	14	4.5	1	2.46
Question 8	7	Organic chemistry	14	2	0	0.36
Question 9	7	Acids, base and salts	14	4	0	2.21
Question 10	7	Soil chemistry, pollution (acidic rain)	14	7	1.5	4.14
Question 11	7	Separation of mixtures, fuels and energy (biogas plant)	14	3	1	1.89
Question 12	7	Hydrogen (preparation)	14	5.5	3.5	4.43
Question 13	15	Extraction of metals	2	3	0	1.50
Question 14	15	Pollution	13	14	3.5	10.15
<b>PAPER 2</b>						
Question 1	25		14	18	11	14.57
Question 2	25		14	25	14	19.57

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	21	0	21	0	2.7143	34/97	12/30	10/17

GRADE : A=1; B=6; C=12; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	21	10	6	8.14
Question 2	5	Movement	21	5	2	3.86
Question 3	6	Introduction to biology	21	3	2	2.05
Question 4	6	Safety in our environment	21	6	3	5.81
Question 5	6	Safety in our environment	20	5	0.5	3.05
Question 6	6	Transport of material in living things	21	6	0	4.14
Question 7	6	Cell structure and organization	21	5	1	2.98

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 8	6	Classification of living things	21	6	2	5.19
Question 9	6	Gaseous exchange, HIV/AIDS, STS's and STD's	21	6	2	4.67
Question 10	6	Balance of nature	21	6	4.5	5.79
Question 11	6	Movement	20	5	1	3.45
Question 12	6	Reproduction, coordination	21	6	1	3.29
Question 13	15	Nutrition	21	11	4	8.33
Question 14	10	Genetics	12	7.5	0	4.63
Question 15	10	Organic evolution	9	6	0	3.22
<b>PAPER 2</b>						
Question 1	25	Nutrition	21	20.5	10	15.62
Question 2	25	Classification of living things	21	21	6	12.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>GEOGRAPHY</b>	21	0	21	0	2.9048	22/97	9/30	7/17

**GRADE : A=0; B=5; C=13; D=3; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	8	1	4.52
Question 2	5	Matching items	21	5	1	3.86
Question 3	11	Map reading and interpretation	21	10	4	7.60
Question 4	11	Statistics	21	10	2.5	6.67
Question 5	11	Survey	21	6	0	1.33
Question 6	11	Research	21	9	1	5.86
Question 7	11	Photograph reading and interpretation	21	11	3	8.10
Question 8	15	Population	7	14	3	8.29
Question 9	15	Agriculture	17	15	8	12.18
Question 10	15	Solar system	18	13	1	7.36

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>CIVICS</b>	21	0	21	0	1.6667	11/97	8/30	6/17

**GRADE : A=9; B=10; C=2; D=0; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	7	4	5.38
Question 2	5	Matching items	21	5	1	2.38
Question 3	5	Economic and social development	20	5	0	2.38
Question 4	5	Globalization	20	5	0	2.25
Question 5	5	Culture	21	5	4	4.86
Question 6	5	Culture	21	5	5	5.00
Question 7	5	Citizenship	21	5	4	4.90
Question 8	5	Proper behavior and decision making	21	5	4	4.79
Question 9	5	Life skills	21	5	4	4.38
Question 10	5	Culture	21	5	4	4.19
Question 11	15	Culture, contemporary issues	14	15	8.5	12.04
Question 12	15	Contemporary , cross cutting issues	12	14	2.5	10.17
Question 13	15	Culture	18	13	6	9.39
Question 14	15	Government	19	13	9	10.58

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>KISWAHILI</b>	21	0	21	0	2.8571	15/97	7/30	6/17

**GRADE : A=0; B=5; C=14; D=2; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Kuchagua	20	7	2	4.65
Question 2	5	Kuoanisha	21	5	2	3.48
Question 3	4	Sarufi	21	4	0	2.10
Question 4	4	Mjengo wa tungo	21	4	0	1.48
Question 5	8	Utunzi wa lugha katika miktadha mbalimbali	21	8	0	6.90
Question 6	8	Historia ya maendeleo ya lugha ya kiswahili	21	8	1	5.86
Question 7	8	Fasihi kwa ujumla	21	8	1	2.95
Question 8	8	Ufahamu na ufupisho	20	5	0	1.95
Question 9	15	Uandishi	18	11.5	0	6.14
Question 10	15	Uhakiki wa kazi za fasihi andishi	21	13	1	10.10
Question 11	15	Uhakiki wa kazi za fasihi andishi - tamthiliya	14	13	7	10.79
Question 12	15	Utungaji wa kazi za fasihi simulizi	11	14	1	10.09

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	21	0	21	0	1.9524	24/97	9/30	7/17

GRADE : A=7; B=8; C=6; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	21	10	6	8.62
Question 2	5	Matching items	21	5	3	4.90
Question 3	5	Factual and non factual information	21	5	2	4.38
Question 4	5	Language use	20	5	0	2.85
Question 5	5	Language use	21	5	0	4.43
Question 6	8	Directions, preposition of place	21	8	0	6.19
Question 7	7	Family tree	21	6	2	2.86
Question 8	10	Decoration	21	9	6	7.76
Question 9	15	Composition, writing skills	7	8	2	6.50
Question 10	15	Literary works	18	13	2.5	8.39
Question 11	15	Literary works	21	14	7	10.98
Question 12	15	Literary works	17	11	6	9.21

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	21	0	21	0	3.0476	18/96	8/29	7/16

GRADE : A=0; B=1; C=18; D=2; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	21	12	5	8.67
Question 2	5	Matching items	21	5	1	3.48
Question 3	12	Short notes	21	12	2	6.71
Question 4	12	Establishment of colonialism	21	6	0	1.43
Question 5	11	Sketch map	21	6	0	3.90
Question 6	15	Social and political organization	20	11.5	5.5	9.03
Question 7	15	Nationalism and decolonization process	4	12	8	9.75
Question 8	15	Colonial economy	20	14	1	10.18
Question 9	15	Africa in the international affairs	19	14	7	10.42

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	21	0	6	15	4.5714	33/97	11/30	9/17

GRADE : A=0; B=0; C=3; D=3; F=15;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Decimal and percentage, number system	21	6	0.5	3.24
Question 2	6	Exponents and radicals, logarithms	21	3	0	0.86
Question 3	6	Probability, sets	21	3	0	0.98
Question 4	6	Coordinate geometry, vectors	21	6	0	3.38
Question 5	6	Areas and perimeters, similarities	21	5.5	0	1.55
Question 6	6	Rate and variations	21	6	1	3.83
Question 7	6	Accounts, ratio, profit and loss	21	4.5	0	1.55
Question 8	6	Sequence and series	21	6	0	1.98
Question 9	6	Trigonometry, pythagorus	21	2	0	0.10
Question 10	6	Quadratic equations	21	6	0	1.36
Question 11	10	Statistics, circle	21	7.5	0	3.17
Question 12	10	Earths as sphere, three dimension	21	3	0	1.02
Question 13	10	Matrix and transformation	21	6	0	2.48
Question 14	10	Function, linear programing	20	4	0	0.30

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	21	0	21	0	2.5714	13/54	8/24	7/15

GRADE : A=1; B=7; C=13; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	21	16	9	12.62
Question 2	5	Israel patriarchs and Paul missionary journey	21	5	1	3.71
Question 3	9	Life of Jacob	20	9	3	7.50
Question 4	9	Jerusalem council	19	9	0	4.68
Question 5	9	The roles of Angels in Jesus' mission	11	9	6	8.73
Question 6	9	Jesus mission in Galilee	19	7	3	6.63
Question 7	9	Senvions of the mountains	14	9	1	6.50
Question 8	9	Jesus transfiguration	3	7	6	6.67
Question 9	9	Parables of the kingdom	9	9	4	7.33
Question 10	9	Jesus resurrection	11	7	4	5.73

<b>NUMBER</b>	<b>MARKS</b>	<b>TOPIC / QUESTION DESCRIPTION</b>	<b>NO OF STUDENTS</b>	<b>HIGHEST SCORE</b>	<b>LOWEST SCORE</b>	<b>AVERAGE SCORE</b>
Question 11	15	Paul's missionary journey	18	15	5	13.22
Question 12	15	Israel under the leadership of Joshua and Judges	10	6	0	0.60
Question 13	15	Israel under the leadership of Joshua and Judges	13	7	0	3.77