



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
FORM FOUR NORTHERN ZONE JOINT EXAMS SYNDICATE (NZJES)
AUGUST 2023

FRANSALIAN HEKIMA SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	49	0	49	0	3.0408	8/95	4/28	4/14

GRADE : A=1; B=4; C=36; D=8; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	49	9	2	6.63
Question 2	6	Optical instruments	49	6	0	3.82
Question 3	9	Thermal expansion, vectors	49	5	0	0.35
Question 4	9	Waves, equilibrium and Archimedes principles	49	8	0	4.29
Question 5	9	Pressure, light (mirror)	49	9	0	4.22
Question 6	9	Static electricity, current electricity	49	9	0	3.72
Question 7	9	Sustainable energy sources, Newtons	49	9	0	5.74
Question 8	9	Electromagnetism, light	49	6	0	2.46
Question 9	15	Waves, heat	43	12	0	5.81
Question 10	15	Radioactivity, electronics	13	15	0	7.46
Question 11	15	Astronomy, friction, light	40	12.5	3.5	7.35
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	49	23.5	7.5	19.49
Question 2	25	Light (glass block) / Light (plane mirror)	49	24	1	18.37

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	44	0	44	0	2.5000	15/99	6/29	5/14

GRADE : A=4; B=14; C=26; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	44	10	5	7.41
Question 2	6	Electrolysis and ionic theory	44	6	1	4.77
Question 3	9	Laboratory safety	44	9	1	5.34
Question 4	9	Energy and fuel	44	9	0.5	7.13
Question 5	9	Extraction of metals	44	9	4	5.98
Question 6	9	Chemical kinetics and equilibrium	44	7	0	3.50
Question 7	9	Electrolysis and ionic theory	44	9	1	5.48
Question 8	9	Matter, air, combustion and rusting	44	9	5	7.91
Question 9	15	Organic chemistry	6	15	4.5	9.75
Question 10	15	Pollution	38	7	3	3.11
Question 11	15	Hardness of water, formulae, bonding and nomenclature	43	12	0	7.30
PAPER 2						
Question 1	25	Volumetric analysis	44	25	10	20.23
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	44	25	5	16.86

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	67	0	67	0	2.8657	33/100	10/30	7/15

GRADE : A=3; B=9; C=49; D=6; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	67	8	1	5.73
Question 2	6	Various topics	67	6	1	4.40
Question 3	9	Safety in our environment	67	8	0	3.56
Question 4	9	Nutrition	67	9	0	6.79
Question 5	9	Growth and development	67	9	0	3.24
Question 6	9	Balance of nature	67	8	0	4.88
Question 7	9	Regulation	67	9	0	4.28
Question 8	9	Transport of materials in living organism	67	9	0	2.66
Question 9	15	Healthy and immunity and diseases	62	15	3	10.86
Question 10	15	Evolution	39	15	0	8.17
Question 11	15	Genetics , variation	32	15	0	5.50
PAPER 2						

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	25	Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism	67	21.5	6	12.13
Question 2	25	Classification of living organism	67	24.5	12.5	21.31

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	67	0	65	2	2.3284	10/100	5/30	5/15

GRADE : A=11; B=29; C=23; D=2; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	67	9	2	5.78
Question 2	6	Matching items	67	6	0	2.55
Question 3	12	Map reading and Map interpretation	67	10	2	5.93
Question 4	10	Application of statistics	63	10	0	3.94
Question 5	9	Elementary survey and map making	66	9	3	7.84
Question 6	11	Introduction to research	67	11	0	8.93
Question 7	12	Photograph reading and interpretation	66	12	2	7.65
Question 8	0	Application of statistics	2	14	14	14.00
Question 9	15	Agriculture	66	14	1	12.61
Question 10	15	Human Population	25	14	0	3.72
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	40	14	2	12.39

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CIVICS	67	0	67	0	1.5821	16/100	6/30	5/15

GRADE : A=37; B=22; C=7; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	67	10	5	7.66
Question 2	6	Various topics	66	6	0	4.21
Question 3	9	Poverty	67	9	0	7.88
Question 4	9	Culture	67	9	0	8.87
Question 5	9	Economic and social development	67	9	0	8.60
Question 6	9	Economic and social development	67	9	0	8.49
Question 7	9	Government of Tanzania	67	9	0	3.79
Question 8	9	Family life	65	9	0	8.51
Question 9	15	Economic and social development	45	13.5	3	10.08
Question 10	15	Road safety education	49	13	1	5.14
Question 11	15	Promotion of life skills	39	14	2	10.82

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	67	0	67	0	3.0000	12/100	6/30	6/15

GRADE : A=0; B=6; C=55; D=6; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	67	9	1	5.36
Question 2	6	Ufahamu	67	6	1	4.42
Question 3	9	Uundaji wa maneno	67	9	0	3.54
Question 4	9	Tungo	67	9	0	2.79
Question 5	9	Aina za maneno	67	4	0	1.06
Question 6	9	Utungaji	67	7	3	5.07
Question 7	9	Maendeleo ya kiswahili	67	9	0	2.69
Question 8	9	Uhakiki	66	9	0	7.08
Question 9	15	Fasihi kwa ujumla	65	14.5	3	10.25
Question 10	15	Uhakiki wa fasihi	32	14	7	12.66
Question 11	15	Uhakiki wa fasihi	37	14	0	12.24

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	67	0	67	0	2.7164	12/100	6/30	6/15

GRADE : A=5; B=16; C=39; D=7; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	67	10	2	5.64
Question 2	6	Various topics	67	6	1	4.34
Question 3	9	Tenses	67	9	0	2.01
Question 4	9	Structure	67	9	3	7.24
Question 5	9	Writing	67	9	0	7.43

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Vocabularies	67	9	4	6.67
Question 7	9	Articles	67	9	0	5.91
Question 8	9	Inversions	66	9	0	1.86
Question 9	15	Reading literary works	66	15	0	8.85
Question 10	15	Reading literary works	25	13	0	6.12
Question 11	15	Reading literary works	42	14	1	9.62

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	67	0	67	0	2.8955	26/100	12/30	10/15

GRADE : A=1; B=12; C=47; D=7; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	67	8	1	4.79
Question 2	6	Various topics	67	6	3	4.90
Question 3	9	Various topics	67	8	0	5.22
Question 4	9	A scramble for and partition of Africa	67	9	0	7.25
Question 5	9	Map of Africa which show the resistance	67	6	0	3.10
Question 6	9	Slave trade in the Indian ocean	67	9	0	3.81
Question 7	9	Resistance	67	6	0	1.30
Question 8	9	Colonial administrative system	67	8.5	0	3.50
Question 9	15	Evolution of man, environment, technology	65	14	3	11.15
Question 10	15	Colonial economy	54	14	4	12.11
Question 11	15	Africa and external World	15	13	0	7.60

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
COMMERCE	9	0	9	0	2.8889	13/47	6/15	6/11

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	9	7	4	5.11
Question 2	6	Various topics	9	5	1	1.89
Question 3	9	Intrepreneurship	9	8	3	6.89
Question 4	9	Business unit	9	6	0	3.44
Question 5	9	International trade	9	9	2.5	5.06
Question 6	9	Insurance	9	9	4	6.00
Question 7	9	Ware housing	9	9	0	4.56
Question 8	9	Commerce basics	9	6	0	3.00
Question 9	15	Entrepreneurship	9	11	7	8.44
Question 10	15	Taxation	6	9	7	8.17
Question 11	15	Transportation	3	11	10	10.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	67	0	41	26	4.1493	9/100	4/30	4/15

GRADE : A=0; B=0; C=16; D=25; F=26;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	67	6	0	2.99
Question 2	6	Fractions,logarithms	67	4	0	0.47
Question 3	6	Sets,Probability	67	6	0	0.60
Question 4	6	Coordinate Geometry, Vector	67	4	0	1.69
Question 5	6	Geometry, areas and perimeter	67	6	0	3.02
Question 6	6	Rates and variations, Ratios, profit and loss	67	6	0	2.49
Question 7	6	Ratios, profit and loss, accounts	67	6	0	3.06
Question 8	6	Sequence and series	67	4	0	0.52
Question 9	6	Trigonometry	67	6	0	0.82
Question 10	6	Quadratic equation, algebra	67	6	0	0.58
Question 11	10	Circle,statistics	67	10	2	7.03
Question 12	10	Three dimension figures,Earth as the sphere	67	6	0	2.04
Question 13	10	Matrices and transportation	67	10	0	5.79
Question 14	10	Linear programming,function	67	9	0	2.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BOOK KEEPING	9	0	9	0	2.5556	5/46	3/15	3/11

GRADE : A=1; B=3; C=4; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	9	7	3	5.22
Question 2	5	Bank reconciliation statement	9	5	1	4.33
Question 3	10	Columnar cash book	9	10	2	6.33
Question 4	10	Introduction to book keeping	9	8	0	4.22
Question 5	10	Adjustment	9	10	3	6.11
Question 6	10	Correction of book keeping errors	9	8	4	6.00
Question 7	15	Non profit making organization	9	11	3.5	8.50
Question 8	15	Control accounts	9	15	10	12.56
Question 9	15	Consignments	9	12.5	3.5	7.61

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	67	0	67	0	1.2239	8/59	6/24	6/13

GRADE : A=54; B=11; C=2; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	67	20	10	15.75
Question 2	5	Various topics	67	5	3	4.43
Question 3	9	Genesis - The tower of Babel	67	9	3	7.21
Question 4	9	Acts of the Apostles	67	9	2	7.30
Question 5	9	Genesis	34	9	2	7.76
Question 6	9	Mathew	18	9	7	8.44
Question 7	9	Luke	22	9	4	6.82
Question 8	9	Luke	44	9	5	8.86
Question 9	9	Acts of the Apostles	58	9	6	8.69
Question 10	9	Judges	20	9	3	7.45
Question 11	15	Acts of the Apostles	47	15	8	11.83
Question 12	15	Judges	62	14	6	11.35
Question 13	15	Acts of the Apostles	25	14	2	9.60