



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

**ST. JOSEPH NGARENARO SECONDARY SCHOOL**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	19	0	18	1	3.6316	31/95	9/28	7/14

GRADE : A=0; B=0; C=8; D=10; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	19	9	3	5.68
Question 2	6	Optical instruments	19	6	0	3.05
Question 3	9	Thermal expansion, vectors	19	3	0	1.11
Question 4	9	Waves, equilibrium and Archimedes principles	19	9	0	2.37
Question 5	9	Pressure, light (mirror)	19	9	0	4.16
Question 6	9	Static electricity, current electricity	19	9	0	2.50
Question 7	9	Sustainable energy sources, Newtons	19	7	3	5.05
Question 8	9	Electromagnetism, light	18	6	0	1.89
Question 9	15	Waves, heat	9	6	0	2.22
Question 10	15	Radioactivity, electronics	11	10	0	4.05
Question 11	15	Astronomy, friction, light	17	7	0.5	2.53
<b>PAPER 2</b>						
Question 1	25	Simple pendulum / Hooke's law	19	20.5	8	14.97
Question 2	25	Light (glass block) / Light (plane mirror)	19	21	12	17.79

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	24	0	23	1	2.8750	29/99	8/29	6/14

GRADE : A=0; B=6; C=16; D=1; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	24	9	3	5.63
Question 2	6	Electrolysis and ionic theory	24	6	0	3.63
Question 3	9	Laboratory safety	24	9	2	5.58
Question 4	9	Energy and fuel	24	9	2	6.88
Question 5	9	Extraction of metals	24	8	1	5.00
Question 6	9	Chemical kinetics and equilibrium	24	9	0	3.25
Question 7	9	Electrolysis and ionic theory	23	6.5	0	2.41
Question 8	9	Matter, air, combustion and rusting	24	9	5	7.13
Question 9	15	Organic chemistry	2	0	0	0.00
Question 10	15	Pollution	24	15	1	4.08
Question 11	15	Hardness of water, formulae, bonding and nomenclature	22	10	2	6.00
<b>PAPER 2</b>						
Question 1	25	Volumetric analysis	23	23	8	16.41
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	23	24	6	19.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	67	0	59	8	3.3134	60/100	19/30	13/15

GRADE : A=3; B=8; C=29; D=19; F=8;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Various topics	67	9	0	4.48
Question 2	6	Various topics	67	6	0	2.93
Question 3	9	Safety in our environment	67	8	0	4.41
Question 4	9	Nutrition	67	9	0	6.66
Question 5	9	Growth and development	62	8	0	2.40
Question 6	9	Balance of nature	67	8	0	2.71
Question 7	9	Regulation	66	9	0	2.92
Question 8	9	Transport of materials in living organism	63	8	0	1.79
Question 9	15	Healthy and immunity and diseases	65	14	0	8.07
Question 10	15	Evolution	33	15	0	7.12
Question 11	15	Genetics , variation	31	10	0	1.00
<b>PAPER 2</b>						

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	23	1	16.50
Question 2	25	Classification of living organism	67	21	6	15.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>GEOGRAPHY</b>	66	0	56	10	3.6667	70/100	23/30	15/15

**GRADE : A=0; B=3; C=26; D=27; F=10;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	66	9	0	4.12
Question 2	6	Matching items	66	4	0	1.64
Question 3	12	Map reading and Map interpretation	66	9	0	2.78
Question 4	10	Application of statistics	63	6	0	1.83
Question 5	9	Elementary survey and map making	66	9	0	5.15
Question 6	11	Introduction to research	66	11	0	6.38
Question 7	12	Photograph reading and interpretation	66	10	0	7.03
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	66	15	1	10.72
Question 10	15	Human Population	66	14	0	3.41
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>CIVICS</b>	66	0	62	4	2.6364	66/100	21/30	13/15

**GRADE : A=11; B=18; C=25; D=8; F=4;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	66	10	3	6.56
Question 2	6	Various topics	66	5	0	2.21
Question 3	9	Poverty	65	9	0	5.97
Question 4	9	Culture	66	9	0	8.39
Question 5	9	Economic and social development	66	9	0	6.42
Question 6	9	Economic and social development	66	9	0	6.52
Question 7	9	Government of Tanzania	66	8	0	1.86
Question 8	9	Family life	66	9	0	7.71
Question 9	15	Economic and social development	21	15	3	10.19
Question 10	15	Road safety education	60	12	1	4.33
Question 11	15	Promotion of life skills	49	14	0	9.52

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>LITERATURE IN ENGLISH</b>	42	0	41	1	3.3095	32/53	8/14	4/5

**GRADE : A=0; B=1; C=28; D=12; F=1;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	42	8	1	4.07
Question 2	6	matching items	42	6	1	3.62
Question 3	9	Theory of literature	42	2	0	0.90
Question 4	9	Theory of literature	42	6	1	5.30
Question 5	9	Poems	42	8	0	5.19
Question 6	9	Poetry/Poems	42	8	0	5.06
Question 7	9	Reading literary works	42	6.5	0	3.37
Question 8	9	Reading literary works	41	6	0	1.41
Question 9	15	Play, reading literary works	28	12	4.5	9.45
Question 10	15	Novels, reading literary works	19	11.5	7	9.21
Question 11	15	Reading literary work (Selected poems)	37	11	6	8.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>KISWAHILI</b>	67	0	62	5	3.5075	58/100	20/30	13/15

**GRADE : A=0; B=0; C=38; D=24; F=5;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	67	8	1	5.00
Question 2	6	Ufahamu	67	6	1	3.88
Question 3	9	Uundaji wa maneno	67	6	0	3.43
Question 4	9	Tungo	66	9	0	1.24
Question 5	9	Aina za maneno	67	4	0	1.43

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Utungaji	67	6	2.5	4.64
Question 7	9	Maendeleo ya kiswahili	67	8	0	3.94
Question 8	9	Uhakiki	64	7	0	5.88
Question 9	15	Fasihi kwa ujumla	66	13	0	6.01
Question 10	15	Uhakiki wa fasihi	25	14	3	8.22
Question 11	15	Uhakiki wa fasihi	41	14	5	10.98

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	67	0	45	22	4.0149	65/100	22/30	14/15

GRADE : A=0; B=2; C=17; D=26; F=22;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	67	9	1	4.36
Question 2	6	Various topics	67	6	0	2.93
Question 3	9	Tenses	66	9	0	0.73
Question 4	9	Structure	67	9	0	4.43
Question 5	9	Writing	67	7	0	4.09
Question 6	9	Vocabularies	67	8	0	4.31
Question 7	9	Articles	65	9	0	2.28
Question 8	9	Inversions	67	6	0	0.36
Question 9	15	Reading literary works	66	14	0	4.08
Question 10	15	Reading literary works	34	14	1	13.50
Question 11	15	Reading literary works	33	14	0	4.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	69	0	62	7	3.4783	64/100	19/30	12/15

GRADE : A=0; B=6; C=31; D=25; F=7;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	69	7	0	3.39
Question 2	6	Various topics	69	6	0	3.72
Question 3	9	Various topics	69	8	1.5	5.14
Question 4	9	A scramble for and partition of Africa	69	9	0	3.96
Question 5	9	Map of Africa which show the resistance	69	8	0	2.77
Question 6	9	Slave trade in the Indian ocean	69	7	0	1.26
Question 7	9	Resistance	68	9	0	4.60
Question 8	9	Colonial administrative system	69	9	0	3.80
Question 9	15	Evolution of man, environment, technology	68	13	0	10.10
Question 10	15	Colonial economy	62	14	0	7.69
Question 11	15	Africa and external World	6	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	65	0	3	62	4.9385	70/100	20/30	12/15

GRADE : A=0; B=0; C=1; D=2; F=62;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	65	4	0	1.12
Question 2	6	Fractions, logarithms	65	5	0	0.23
Question 3	6	Sets, Probability	64	5	0	0.14
Question 4	6	Coordinate Geometry, Vector	65	3	0	0.45
Question 5	6	Geometry, areas and perimeter	64	6	0	0.40
Question 6	6	Rates and variations, Ratios, profit and loss	65	6	0	1.28
Question 7	6	Ratios, profit and loss, accounts	65	4	0	0.73
Question 8	6	Sequence and series	64	2	0	0.08
Question 9	6	Trigonometry	65	3	0	0.09
Question 10	6	Quadratic equation, algebra	64	6	0	0.38
Question 11	10	Circle, statistics	65	8	0	2.31
Question 12	10	Three dimension figures, Earth as the sphere	65	10	0	0.49
Question 13	10	Matrices and transportation	65	10	0	1.58
Question 14	10	Linear programming, function	58	1.5	0	0.17

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
INFORMATION AND COMPUTER STUDIES	6	0	6	0	2.0000	5/16	1/5	1/4

GRADE : A=3; B=0; C=3; 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	The computer,computer handling, Database,the internet,spread sheet and communication	6	9	4	6.17
Question 2	6	The computer, word processor,networking and communication	6	5	1	3.67
Question 3	9	The computer	6	8	1	5.00
Question 4	9	Word processor,ICT effects	6	8	5	6.75
Question 5	9	Wb page design	6	6	4	5.17
Question 6	9	The internet	6	9	6	7.67
Question 7	9	Database	6	8	2	5.67
Question 8	9	Spread sheet	6	9	0	3.67
Question 9	15	Information	2	7.5	7	7.25
Question 10	15	The internet	6	11	10	10.50
Question 11	15	Computer evolution	4	9	6	8.13
<b>PAPER 2</b>						
Question 1	25	Database management	6	25	16	22.50
Question 2	25	Spread sheet	6	25	12.5	20.83
Question 3	25	Desktop publishing	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>BIBLE KNOWLEDGE</b>	46	0	46	0	2.1957	32/59	16/24	12/13

**GRADE : A=11; B=17; C=16; D=2; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	46	17	7	12.41
Question 2	5	Various topics	46	5	1	3.85
Question 3	9	Genesis - The tower of Babel	46	9	0	5.78
Question 4	9	Acts of the Apostles	46	8	0	3.11
Question 5	9	Genesis	27	9	2	5.52
Question 6	9	Mathew	12	9	3	6.75
Question 7	9	Luke	26	9	0	6.04
Question 8	9	Luke	20	9	0	7.10
Question 9	9	Acts of the Apostles	39	9	3	7.03
Question 10	9	Judges	14	9	0	5.29
Question 11	15	Acts of the Apostles	38	14	3	11.11
Question 12	15	Judges	45	15	0	11.04
Question 13	15	Acts of the Apostles	9	11	1	8.56

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
<b>FOOD AND NUTRITION</b>	25	0	25	0	2.3200	5/7	2/3	2/2

**GRADE : A=3; B=12; C=9; D=1; F=0;**

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
<b>PAPER 1</b>						
Question 1	10	Multiple choice	24	9	3	5.71
Question 2	5	Matching items	24	3	0	2.00
Question 3	9	Food contamination	24	9	1	5.88
Question 4	9	Cooking food	24	9	1	4.58
Question 5	9	Raising Agents	24	8	1.5	5.15
Question 6	9	Food contamination	23	9	5.5	8.41
Question 7	9	Food and nutrition	24	8	3	5.23
Question 8	9	Fish	24	9	1	4.29
Question 9	15	Catering	15	5	1	3.07
Question 10	15	The kitchen	14	9	2	5.61
Question 11	15	Raisingagents	19	13	6	8.95
<b>PAPER 2</b>						
Question 1	100	Various activities involved	25	91	60	76.36