



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

**SANU TECHNICAL SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023**

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	18	0	15	3	3.5556	80/99	6/7	7/8

GRADE : A=0; B=1; C=9; D=5; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	18	9	0	5.11
Question 2	6	Electrolysis and ionic theory	18	6	0	4.22
Question 3	9	Laboratory safety	18	6	0	2.89
Question 4	9	Energy and fuel	18	8.5	2	6.06
Question 5	9	Extraction of metals	18	5	0	2.78
Question 6	9	Chemical kinetics and equilibrium	15	4	0	1.33
Question 7	9	Electrolysis and ionic theory	18	9	0	5.47
Question 8	9	Matter, air, combustion and rusting	18	9	0	6.17
Question 9	15	Organic chemistry	3	8.5	3	6.50
Question 10	15	Pollution	15	15	0	9.27
Question 11	15	Hardness of water, formulae, bonding and nomenclature	15	9	0	2.87
PAPER 2						
Question 1	25	Volumetric analysis	18	21	4	12.61
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	18	18	4	12.33

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	18	0	16	2	3.0000	40/100	3/7	5/8

GRADE : A=3; B=2; C=7; D=4; F=2;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	18	8	0	4.83
Question 2	6	Various topics	18	6	0	3.94
Question 3	9	Safety in our environment	18	9	0	3.06
Question 4	9	Nutrition	18	9	2	6.11
Question 5	9	Growth and development	18	5	0	1.78
Question 6	9	Balance of nature	17	7.5	0	4.15
Question 7	9	Regulation	18	9	0	2.31
Question 8	9	Transport of materials in living organism	18	9	0	1.92
Question 9	15	Healthy and immunity and diseases	18	12	0	5.61
Question 10	15	Evolution	9	11.5	0	5.22
Question 11	15	Genetics , variation	9	15	5	11.22
PAPER 2						
Question 1	25	Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism	18	25	0	16.25
Question 2	25	Classification of living organism	18	25	12	19.94

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
GEOGRAPHY	18	0	13	5	3.7778	80/100	6/7	7/8

GRADE : A=0; B=0; C=9; D=4; F=5;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	18	7	1	3.78
Question 2	6	Matching items	18	4	0	1.33
Question 3	12	Map reading and Map interpretation	18	6	0	3.78
Question 4	10	Application of statistics	17	6	0	1.12
Question 5	9	Elementary survey and map making	17	9	4	7.71
Question 6	11	Introduction to research	16	11	0	6.31
Question 7	12	Photograph reading and interpretation	17	9	3	6.29
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	16	14	0	9.88
Question 10	15	Human Population	10	11	0	3.60
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water,ice and wind	1	8	8	8.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	18	0	14	4	3.3889	90/100	6/7	7/8

GRADE : A=1; B=3; C=6; D=4; F=4;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	18	9	3	6.50
Question 2	6	Various topics	18	4	0	1.94
Question 3	9	Poverty	17	9	0	4.18
Question 4	9	Culture	16	9	1	7.88
Question 5	9	Economic and social development	16	9	0	3.88
Question 6	9	Economic and social development	18	9	0	5.72
Question 7	9	Government of Tanzania	18	8	0	4.00
Question 8	9	Family life	17	9	0	6.65
Question 9	15	Economic and social development	9	6	0	3.00
Question 10	15	Road safety education	18	7	0	2.97
Question 11	15	Promotion of life skills	8	13	0	6.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	18	0	17	1	3.3889	45/100	3/7	6/8

GRADE : A=0; B=0; C=12; D=5; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	18	6	2	4.22
Question 2	6	Ufahamu	18	4	1	3.11
Question 3	9	Uundaji wa maneno	17	6	0	4.12
Question 4	9	Tungo	18	6	0	1.83
Question 5	9	Aina za maneno	17	5	0	1.00
Question 6	9	Utungaji	18	7	3	5.00
Question 7	9	Maendeleo ya kiswahili	17	8	0	3.94
Question 8	9	Uhakiki	18	8	1	6.61
Question 9	15	Fasihi kwa ujumla	18	11	1	5.50
Question 10	15	Uhakiki wa fasihi	0	0	0	0.00
Question 11	15	Uhakiki wa fasihi	18	14	0	10.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	18	0	7	11	4.4444	86/100	6/7	7/8

GRADE : A=0; B=0; C=3; D=4; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	18	6	1	3.33
Question 2	6	Various topics	18	6	1	3.56
Question 3	9	Tenses	17	3	0	0.18
Question 4	9	Structure	18	9	0	4.67
Question 5	9	Writing	18	6	0	2.61
Question 6	9	Vocabularies	18	7	0	4.28
Question 7	9	Articles	15	9	0	2.60
Question 8	9	Inversions	17	3	0	0.35
Question 9	15	Reading literary works	15	13	0	4.00
Question 10	15	Reading literary works	7	13	0.5	9.36
Question 11	15	Reading literary works	10	14	0	2.10

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
HISTORY	1	0	0	1	5.0000	100/100	7/7	8/8

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	1	3	3	3.00
Question 2	6	Various topics	1	3	3	3.00
Question 3	9	Various topics	1	3	3	3.00
Question 4	9	A scramble for and partition of Africa	1	0	0	0.00
Question 5	9	Map of Africa which show the resistance	1	0	0	0.00
Question 6	9	Slave trade in the Indian ocean	1	0	0	0.00
Question 7	9	Resistance	1	0	0	0.00
Question 8	9	Colonial administrative system	1	0	0	0.00
Question 9	15	Evolution of man, environment, technology	1	6	6	6.00
Question 10	15	Colonial economy	0	0	0	0.00
Question 11	15	Africa and external World	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	18	0	1	17	4.9444	73/100	6/7	7/8

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	18	4	0	1.50
Question 2	6	Fractions,logarithms	18	1	0	0.06
Question 3	6	Sets,Probability	18	1	0	0.06
Question 4	6	Coordinate Geometry, Vector	18	3	0	0.44
Question 5	6	Geometry, areas and perimeter	18	6	0	0.56
Question 6	6	Rates and variations, Ratios, profit and loss	18	6	0	0.78
Question 7	6	Ratios, profit and loss, accounts	18	3	0	0.78
Question 8	6	Sequence and series	18	4	0	0.28
Question 9	6	Trigonometry	18	0.5	0	0.03
Question 10	6	Quadratic equation, algebra	18	6	0	0.47
Question 11	10	Circle,statistics	18	5	0	1.33
Question 12	10	Three dimension figures,Earth as the sphere	16	1	0	0.16
Question 13	10	Matrices and transportation	18	8	0	1.89
Question 14	10	Linear programming,function	18	1.5	0	0.25

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	1	0	1	0	4.0000	57/59	5/5	6/6

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	1	6	6	6.00
Question 2	5	Various topics	1	1	1	1.00
Question 3	9	Genesis - The tower of Babel	1	3	3	3.00
Question 4	9	Acts of the Apostles	1	0	0	0.00
Question 5	9	Genesis	1	5	5	5.00
Question 6	9	Mathew	1	8	8	8.00
Question 7	9	Luke	0	0	0	0.00
Question 8	9	Luke	0	0	0	0.00
Question 9	9	Acts of the Apostles	1	4	4	4.00
Question 10	9	Judges	0	0	0	0.00
Question 11	15	Acts of the Apostles	1	7	7	7.00
Question 12	15	Judges	0	0	0	0.00
Question 13	15	Acts of the Apostles	0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BUILDING CONSTRUCTION	4	0	4	0	3.2500	1/1	1/1	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	4	10	1	5.75
Question 2	5	Various topics	4	5	0	2.75
Question 3	5	Doors	4	4	0	2.50
Question 4	5	Panels	4	2	0	1.50
Question 5	5	Building construction	4	5	2	2.75
Question 6	5	Painting	4	5	0	3.75
Question 7	5	Frames	4	5	0	3.75
Question 8	5	Fittings	4	5	2	3.25
Question 9	5	Stays	4	2	0	1.00
Question 10	5	Windows	4	5	4	4.75
Question 11	5	Coping	4	5	0	3.75
Question 12	20	Timbering	4	20	5	10.50
Question 13	20	Shoring	0	0	0	0.00
Question 14	20	Brickwork	4	12	0	3.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ELECTRICAL ENG SCIENCE	0	0	0	0	0.0000	---	---	---

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10		0	0	0	0.00
Question 2	5		0	0	0	0.00
Question 3	5		0	0	0	0.00
Question 4	5		0	0	0	0.00

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 5	5		0	0	0	0.00
Question 6	5		0	0	0	0.00
Question 7	5		0	0	0	0.00
Question 8	5		0	0	0	0.00
Question 9	5		0	0	0	0.00
Question 10	5		0	0	0	0.00
Question 11	15		0	0	0	0.00
Question 12	15		0	0	0	0.00
Question 13	15		0	0	0	0.00
Question 14	15		0	0	0	0.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ELECTRICAL ENGINEERING	4	0	3	1	3.7500	1/1	1/1	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	4	10	1	5.50
Question 2	5	Illumination	4	5	3	4.50
Question 3	5	Resistivity	4	5	0	2.25
Question 4	5	Capacitance	4	3	0	1.75
Question 5	5	Three phase power	4	5	0	1.25
Question 6	5	Battery	4	3	0	1.25
Question 7	5	DIC machines	4	2	0	1.50
Question 8	5	Transformer	4	5	0	3.25
Question 9	5	Capacitance	4	5	3	3.75
Question 10	5	Capacitance	4	3	0	2.00
Question 11	16	Resistance	3	5	0	2.67
Question 12	15	DIC generator	4	5	0	3.50
Question 13	15	Illumination	4	8	3	5.50
Question 14	15	Measuring instruments	4	6	0	3.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGINEERING SCIENCE	17	0	6	11	4.5882	2/2	1/1	1/1

GRADE : A=0; B=0; C=1; D=5; F=11;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	17	6	1	3.59
Question 2	5	Wave	17	3	0	0.76
Question 3	5	Workdone and power	17	5	0	1.76
Question 4	5	Heat	17	5	0	3.65
Question 5	5	Projectile motion	17	1	0	0.06
Question 6	5	Friction	17	4	0	1.06
Question 7	5	Linear motion	17	5	0	2.68
Question 8	5	Pressure	16	3	0	0.63
Question 9	5	Equilibrium	16	5	0	2.69
Question 10	5	Wave	15	3	0	0.67
Question 11	15	Light	13	11	0	5.08
Question 12	15	Pressure in liquid, simple machine	14	6	0	1.86
Question 13	15	Magnetism, current	15	11	0	3.20
Question 14	15	Momentum, thermal expansion	5	6	0	1.20

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ARCHITECTURAL DRAUGHTING	4	0	4	0	2.5000	1/1	1/1	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	4	10	1	5.25
Question 2	5	Various topics	4	5	1	2.50
Question 3	15	Isometric projection	4	10	4	7.25
Question 4	15	Circles	4	10	2	6.75
Question 5	15	Angles	4	15	10	12.50
Question 6	20	Elevations	4	15	10	11.25
Question 7	20	House planning	4	20	10	17.50

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
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ENGINEERING DRAWING	9	0	6	3	3.7778	1/1	1/1	1/1
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GRADE : A=0; B=0; C=5; D=1; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	9	9	1	5.67
Question 2	10	Oblique drawing	9	10	0	8.22
Question 3	20	Isometric drawing	9	10	0	5.00
Question 4	20	Angle construction	9	20	0	6.11
Question 5	20	Circles	9	20	0	5.67
Question 6	20	Three dimensional figures	9	20	0	7.22

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
AUTOMOTIVE ENGINEERING	9	0	4	5	4.3333	1/1	1/1	1/1

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	9	4	0	2.22
Question 2	6	Various topics	9	4	1	2.33
Question 3	9	Workshop	9	9	0	3.56
Question 4	9	Engine	9	9	0	5.67
Question 5	9	Oil	9	9	0	4.44
Question 6	9	Motor vehicle mechanics	9	5	0	2.44
Question 7	9	Tyres	9	4	0	0.44
Question 8	9	Hydraulic	9	8	0	2.44
Question 9	15	Tubes	4	4	0	1.75
Question 10	15	Ignition system	7	12	0	2.86
Question 11	15	Cooling system	3	9	0	3.00