



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

ARUSHA SEMINARY
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
PHYSICS	48	0	48	0	3.6042	29/95	8/28	6/14

GRADE : A=0; B=0; C=19; D=29; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Various topics	48	9	3	6.67
Question 2	6	Optical instruments	48	6	2	4.23
Question 3	9	Thermal expansion, vectors	46	4	0	0.37
Question 4	9	Waves, equilibrium and Archimedes principles	46	6	0	2.08
Question 5	9	Pressure, light (mirror)	48	9	0	4.69
Question 6	9	Static electricity, current electricity	48	9	0	4.30
Question 7	9	Sustainable energy sources, Newtons	48	9	3	7.16
Question 8	9	Electromagnetism, light	46	9	0	4.08
Question 9	15	Waves, heat	23	14	0	3.52
Question 10	15	Radioactivity, electronics	35	14	0	8.11
Question 11	15	Astronomy, friction, light	36	13	2	4.54
PAPER 2						
Question 1	25	Simple pendulum / Hooke's law	48	10	0	5.34
Question 2	25	Light (glass block) / Light (plane mirror)	48	21.5	11	15.90

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
CHEMISTRY	48	0	48	0	2.0833	7/99	4/29	4/14

GRADE : A=8; B=28; C=12; 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	48	10	4	8.04
Question 2	6	Electrolysis and ionic theory	48	6	3	4.92
Question 3	9	Laboratory safety	48	9	4	6.35
Question 4	9	Energy and fuel	48	9	3.5	6.77
Question 5	9	Extraction of metals	47	9	4	6.07
Question 6	9	Chemical kinetics and equilibrium	47	9	0	4.51
Question 7	9	Electrolysis and ionic theory	48	9	1	3.27
Question 8	9	Matter, air, combustion and rusting	48	9	6	8.44
Question 9	15	Organic chemistry	13	14	7.5	10.46
Question 10	15	Pollution	40	3	2	2.98
Question 11	15	Hardness of water, formulae, bonding and nomenclature	44	10	4	7.68
PAPER 2						
Question 1	25	Volumetric analysis	48	25	16	21.94
Question 2	25	Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium	48	25	14	20.45

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIOLOGY	48	0	48	0	1.9792	5/100	3/30	3/15

GRADE : A=10; B=29; C=9; 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	48	8	0	5.94
Question 2	6	Various topics	48	6	2	4.83
Question 3	9	Safety in our environment	48	9	1.5	5.14
Question 4	9	Nutrition	48	9	0	7.75
Question 5	9	Growth and development	48	8	0	5.58
Question 6	9	Balance of nature	48	7	1	4.03
Question 7	9	Regulation	48	9	0	5.06
Question 8	9	Transport of materials in living organism	48	9	0	5.22
Question 9	15	Healthy and immunity and diseases	48	14	0	10.81
Question 10	15	Evolution	6	13	6	10.67
Question 11	15	Genetics , variation	42	15	0	12.92
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	48	23.5	15	19.67
Question 2	25	Classification of living organism	48	21.5	13	18.01

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	48	0	48	0	2.1458	9/100	4/30	4/15

GRADE : A=7; B=27; C=14; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	48	7	3	4.90
Question 2	6	Matching items	48	4	0	2.42
Question 3	12	Map reading and Map interpretation	48	11	0	6.07
Question 4	10	Application of statistics	48	10	0	7.58
Question 5	9	Elementary survey and map making	48	9	4	8.75
Question 6	11	Introduction to research	48	11	1	7.60
Question 7	12	Photograph reading and interpretation	48	12	4	8.35
Question 8	0	Application of statistics	0	0	0	0.00
Question 9	15	Agriculture	48	14	9	11.13
Question 10	15	Human Population	43	15	4.5	10.83
Question 11	15	Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind	5	15	7	9.40

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	48	0	48	0	1.2500	8/100	4/30	4/15

GRADE : A=38; B=8; C=2; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	48	10	6	8.46
Question 2	6	Various topics	48	5	3	4.54
Question 3	9	Poverty	48	9	0	8.02
Question 4	9	Culture	48	9	1	8.69
Question 5	9	Economic and social development	48	9	0	8.56
Question 6	9	Economic and social development	48	9	5	8.85
Question 7	9	Government of Tanzania	47	9	0	4.21
Question 8	9	Family life	46	9	5	8.33
Question 9	15	Economic and social development	47	14	5	11.06
Question 10	15	Road safety education	26	14	1.5	6.90
Question 11	15	Promotion of life skills	23	15	4	11.22

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	48	0	48	0	2.9792	11/100	5/30	5/15

GRADE : A=0; B=7; C=35; D=6; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Mada mchanganyiko	48	10	3	6.54
Question 2	6	Ufahamu	48	6	2	3.50
Question 3	9	Uundaji wa maneno	47	6	0	4.34
Question 4	9	Tungo	48	9	0	6.27
Question 5	9	Aina za maneno	48	5	0	1.94
Question 6	9	Utungaji	48	6	3	4.94
Question 7	9	Maendeleo ya kiswahili	48	8	0	4.04
Question 8	9	Uhakiki	48	9	4	6.94
Question 9	15	Fasihi kwa ujumla	42	13	0	6.98
Question 10	15	Uhakiki wa fasihi	5	9	8	8.40
Question 11	15	Uhakiki wa fasihi	43	14	6	10.23

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
ENGLISH LANGUAGE	48	0	48	0	2.6250	10/100	5/30	5/15

GRADE : A=1; B=17; C=29; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	48	9	5	7.63
Question 2	6	Various topics	48	6	1	5.54
Question 3	9	Tenses	48	9	0	6.19
Question 4	9	Structure	48	9	3	7.25
Question 5	9	Writing	48	9	0	5.71

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Vocabularies	48	8	6	7.54
Question 7	9	Articles	48	9	0	3.56
Question 8	9	Inversions	48	6	0	2.81
Question 9	15	Reading literary works	47	14	1	7.38
Question 10	15	Reading literary works	24	9	2	6.88
Question 11	15	Reading literary works	25	8	0	6.32

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	48	0	48	0	1.8125	4/100	3/30	3/15

GRADE : A=16; B=25; C=7; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Various topics	48	8	1	4.54
Question 2	6	Various topics	48	6	3	4.92
Question 3	9	Various topics	48	6.5	0	4.32
Question 4	9	A scramble for and partition of Africa	48	9	1.5	8.00
Question 5	9	Map of Africa which show the resistance	48	6	0	4.69
Question 6	9	Slave trade in the Indian ocean	48	9	1	7.43
Question 7	9	Resistance	48	9	3.5	6.27
Question 8	9	Colonial administrative system	48	9	3	6.18
Question 9	15	Evolution of man, environment, technology	35	14	9	12.47
Question 10	15	Colonial economy	35	14	9	11.99
Question 11	15	Africa and external World	26	15	7	12.08

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	48	0	12	36	4.7083	31/100	9/30	7/15

GRADE : A=0; B=0; C=2; D=10; F=36;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Numbers, Decimal and percentages	48	6	0	2.58
Question 2	6	Fractions,logarithms	48	3	0	0.25
Question 3	6	Sets,Probability	48	3	0	0.19
Question 4	6	Coordinate Geometry, Vector	48	5	0	2.20
Question 5	6	Geometry, areas and perimeter	47	6	0	2.13
Question 6	6	Rates and variations, Ratios, profit and loss	47	6	0	2.72
Question 7	6	Ratios, profit and loss, accounts	48	3	0	1.94
Question 8	6	Sequence and series	47	3	0	0.81
Question 9	6	Trigonometry	48	3	0	0.32
Question 10	6	Quadratic equation, algebra	47	6	0	1.01
Question 11	10	Circle,statistics	47	10	0	4.23
Question 12	10	Three dimension figures,Earth as the sphere	48	4	0	1.08
Question 13	10	Matrices and transportation	48	10	0	4.71
Question 14	10	Linear programming,function	45	8.5	0	0.67

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	48	0	48	0	1.0208	1/59	1/24	1/13

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

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Various topics	48	20	15	18.71
Question 2	5	Various topics	48	5	4	4.98
Question 3	9	Genesis - The tower of Babel	48	9	6	7.65
Question 4	9	Acts of the Apostles	48	9	2	5.63
Question 5	9	Genesis	11	9	6	8.55
Question 6	9	Mathew	34	9	6	8.44
Question 7	9	Luke	31	9	5	7.35
Question 8	9	Luke	39	9	6	8.82
Question 9	9	Acts of the Apostles	28	9	4	8.14
Question 10	9	Judges	0	0	0	0.00
Question 11	15	Acts of the Apostles	47	15	2	11.26
Question 12	15	Judges	48	13	9	11.21
Question 13	15	Acts of the Apostles	1	13	13	13.00