



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
SOUTHERN ZONE
FORM FOUR JOINT EXAMINATIONS - 2021

JOSEPHINE GIRLS SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	34	0	22	12	4.1176	20/50	6/11	20/50

GRADE : A=0; B=0; C=8; D=14; F=12;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	34	10	3	5.35
Question 2	5	Thermionic emission	34	5	0	3.18
Question 3	10	Newton's law's of motion	34	8	0	2.29
Question 4	10	Waves	34	6	0	1.94
Question 5	10	Transfer of thermal energy and heating effect of electricity	34	9	0	2.32
Question 6	10	Radioactivity	34	5	0	1.35
Question 7	10	Equilibrium	33	7	0	2.67
Question 8	10	Light part two	34	5	0	1.65
Question 9	12.5	Electronics	28	5	0	2.38
Question 10	12.5	Electronics	0	0	0	0.00
Question 11	12.5	Current electricity and electromagnetism	30	8	1	4.63
Question 12	12.5	Elementary astronomy and geophysics	9	7	3	4.33
PAPER 2						
Question 1	25	Mechanics (principle of moments)	34	21	7	15.72
Question 2	25	Light	34	16.5	2.5	10.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	61	0	58	3	3.5246	16/49	5/11	16/49

GRADE : A=0; B=0; C=32; D=26; F=3;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	61	7	1	4.46
Question 2	5	Compound of metals	61	5	1	2.62
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	61	3	0	0.97
Question 4	7	Water, mole concept	61	7	0	2.30
Question 5	7	Formula, bonding and nomenclature	61	7	0	3.60
Question 6	7	Non-metal and their compounds, Volumetric analysis	61	6	0	0.56
Question 7	7	Non-metals and their compounds	61	6	0	3.48
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	61	3	0	0.75
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	61	4	0	2.20
Question 10	7	Volumetric analysis	61	3.5	0	1.56
Question 11	7	Compound of metals	61	7	0	3.98
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	61	6	0	1.79
Question 13	15	Soil chemistry	61	15	0	0.69
Question 14	15	Pollution	60	14	0	9.03
PAPER 2						
Question 1	25	Volumetric analysis	61	23	8	14.49
Question 2	25	Chemical kinetics, equilibrium and energetics	61	21.5	6	15.58

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	61	0	61	0	3.2623	17/50	6/11	17/50

GRADE : A=0; B=1; C=43; D=17; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	61	9	3	6.74
Question 2	5	Matching items	61	5	0	1.84
Question 3	6	Introduction to biology	61	6	2	4.34
Question 4	6	Nutrition	61	6	1	3.68
Question 5	6	eproduction	61	6	0	1.39

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	61	5.5	1	3.34
Question 7	6	Genetics	61	6	0.5	2.70
Question 8	6	Movement	61	4	0	1.40
Question 9	6	Regulation	61	6	0	4.50
Question 10	6	Health and immunity, gaseous exchange	61	6	1	4.56
Question 11	6	Balance of nature	61	6	0	3.72
Question 12	6	Reproduction, HIV and STDs	61	6	0	4.95
Question 13	15	Health, immunity and disease	61	11	4	6.54
Question 14	10	Nutrition	61	10	0	7.16
Question 15	10	Reproduction in flowering plants	61	1	0	0.02
PAPER 2						
Question 1	25	Coordination / Classification and reproduction	61	14	1	8.06
Question 2	25	Nutrition / Classification	61	16	2.5	10.15

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	61	0	61	0	2.5738	4/50	2/11	4/50

GRADE : A=6; B=18; C=33; D=4; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	61	6	1	3.28
Question 2	5	Forces that affect the Earth	61	5	0	2.36
Question 3	11	Map reading and interpretation	61	9.5	1	4.60
Question 4	11	Statistics	61	11	3	8.51
Question 5	11	Forces that affect the Earth, structure of the Earth	60	10	0	4.33
Question 6	11	Research	61	11	1	7.53
Question 7	11	Photograph reading and interpretation	59	11	4.5	8.87
Question 8	15	Human population	20	14	1	9.03
Question 9	15	Power and energy resources	47	14	6	11.18
Question 10	15	Environment issue and management	52	14.5	6	12.28

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	61	0	61	0	2.0328	5/50	3/11	5/50

GRADE : A=20; B=20; C=20; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	61	9	2	5.80
Question 2	5	Matching items	61	5	0	4.26
Question 3	5	Passage (democracy)	61	4.5	0	2.48
Question 4	5	Our nation	61	5	0	4.09
Question 5	5	Culture	61	5	0	4.42
Question 6	5	Culture	61	5	0	1.70
Question 7	5	Globalization	61	5	0	4.51
Question 8	5	Economic and social development	61	5	1	4.77
Question 9	5	Poverty	61	5	0	2.65
Question 10	5	Democracy	61	5	0	2.90
Question 11	15	Culture	61	14	0	13.30
Question 12	15	Poverty	61	15	0	5.61
Question 13	15	Globalization	61	14	0	8.59
Question 14	15	Human rights	61	14	0	2.49

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
LITERATURE IN ENGLISH	61	0	60	1	2.9836	1/24	1/4	1/24

GRADE : A=1; B=12; C=36; D=11; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choice (theories)	61	7	0	2.82
Question 2	5	Matching items (theories)	61	3	0	1.34
Question 3	10	Literary devices (theories)	61	7	0	3.72
Question 4	10	Poem (poetry)	61	8	0	4.48
Question 5	10	Dramatic terms	60	10	0	6.25
Question 6	10	Language and literature	61	10	0	6.67
Question 7	15	Poetry	61	14.5	0	11.03
Question 8	15	Novel	26	14	0	10.87
Question 9	15	Play	38	13	0	5.89
Question 10	15	Novel	61	13	0	10.44

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
KISWAHILI	61	0	61	0	2.7705	9/50	4/11	9/50

GRADE : A=2; B=14; C=41; D=4; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	61	9	3	6.13
Question 2	5	Kuoanisha kipengele A na B	61	5	1	4.59
Question 3	4	Ngeli za nomino	61	4	0	2.82
Question 4	4	Matumizi ya lugha	61	4	0	2.74
Question 5	8	Mjengo wa tungo	61	7	0	4.10
Question 6	8	Fasihi andishi (riwaya)	61	6	1	3.80
Question 7	8	Ufahamu na barua	61	8	0	5.08
Question 8	8	Uandishi wa barua	61	7	1	5.21
Question 9	15	Maendeleo ya kiswahili	61	14	0	10.87
Question 10	15	Fasihi andishi(ushairi)	61	13.5	0	9.16
Question 11	15	Fasihi andishi(riwaya)	61	13	0	0.28
Question 12	15	Fasihi andishi(tamthilia)	61	12	0	3.93

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	61	0	61	0	2.1311	5/50	2/11	5/50

GRADE : A=11; B=31; C=19; D=0; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	61	10	4	7.36
Question 2	5	Matching items	61	5	0	2.57
Question 3	4	Arrangement of sentences	61	4	0	2.03
Question 4	4	The use of pronouns (possessive pronouns)	61	4	2	3.56
Question 5	8	Conjunctions	61	8	2	5.48
Question 6	8	Verb (auxiliary verb 'DO')	61	6	0	3.77
Question 7	8	Structure	61	8	0	5.77
Question 8	8	Reported speech	61	8	0	2.46
Question 9	15	Composition	61	15	0	8.75
Question 10	15	Poetry	61	15	0	7.23
Question 11	15	Plays	61	15	0	5.68
Question 12	15	Novels	61	15	7	12.88

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	61	0	52	9	3.6885	16/50	7/11	16/50

GRADE : A=0; B=2; C=24; D=26; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	61	9	2	5.46
Question 2	5	Matching items	61	4	0	1.59
Question 3	12	Short answers	61	9	1	4.89
Question 4	12	Arranging sentences	60	8	0	2.87
Question 5	11	Map question	61	9	0.5	3.98
Question 6	15	Nationalism and decolonization	58	12	3	7.07
Question 7	15	Economic activities and their impact	61	14	4	11.31
Question 8	15	Colonial economy	47	14.5	0	8.48
Question 9	15	Changes in social, political and economic policies	18	2.5	0	0.81

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	61	0	16	45	4.6230	25/50	7/11	25/50

GRADE : A=0; B=0; C=7; D=9; F=45;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	61	6	0	4.91
Question 2	6	Exponents, radicals and logarithms	61	5.5	0	1.56
Question 3	6	Sets and logarithms	61	3	0	0.55
Question 4	6	Coordinate geometry and vectors	61	3	0	0.25
Question 5	6	Areas and perimeters	61	3	0	0.34
Question 6	6	Rates and perimeters	61	6	0	3.79
Question 7	6	Ratio, profit and loss, accounts	61	4	0	1.04
Question 8	6	Sequence and series	61	3.5	0	0.29
Question 9	6	Trigonometry	61	5	0	0.59
Question 10	6	Quadratic equation	60	3	0	0.34
Question 11	10	Circles and statistics	61	10	0	1.85
Question 12	10	Three dimensional figures and Earth as sphere	61	10	0	1.75

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 13	10	Matrices and transformation	61	10	0	3.39
Question 14	10	Linear programming and functions	60	10	0	3.02