



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

ST. JOSEPH KILOCHA SEMINARY
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
PHYSICS	38	0	29	9	4.0000	18/50	5/11	18/50

GRADE : A=0; B=1; C=7; D=21; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	38	8	2	5.08
Question 2	5	Thermionic emission	38	5	0	3.05
Question 3	10	Newton's law's of motion	38	9	0	1.95
Question 4	10	Waves	38	6	0	1.42
Question 5	10	Transfer of thermal energy and heating effect of electricity	38	10	0	2.21
Question 6	10	Radioactivity	38	3	0	0.71
Question 7	10	Equilibrium	35	9	0	1.23
Question 8	10	Light part two	38	7	0	2.05
Question 9	12.5	Electronics	27	9.5	0	2.59
Question 10	12.5	Electronics	4	3	0	0.75
Question 11	12.5	Current electricity and electromagnetism	16	6.5	0	3.09
Question 12	12.5	Elementary astronomy and geophysics	31	12.5	3	6.79
PAPER 2						
Question 1	25	Mechanics (principle of moments)	38	21	3.5	14.54
Question 2	25	Light	38	22	5.5	15.03

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CHEMISTRY	38	0	29	9	3.9474	26/49	6/11	26/49

GRADE : A=0; B=0; C=11; D=18; F=9;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	38	9	1	4.84
Question 2	5	Compound of metals	38	5	1	3.29
Question 3	7	Chemical kinetic, equilibrium, non-metals and their compounds	38	2	0	0.97
Question 4	7	Water, mole concept	36	4	0	1.47
Question 5	7	Formula, bonding and nomenclature	38	7	0	1.84
Question 6	7	Non-metal and their compounds, Volumetric analysis	38	7	0	0.92
Question 7	7	Non-metals and their compounds	38	6	0	3.00
Question 8	7	Non-metals and their compounds, electrolysis (ionic theory and electrolysis)	38	1	0	0.08
Question 9	7	Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry	38	4	2	3.05
Question 10	7	Volumetric analysis	38	7	2	2.18
Question 11	7	Compound of metals	38	7	0	2.47
Question 12	7	Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound	38	6	0	2.20
Question 13	15	Soil chemistry	12	15	1	11.33
Question 14	15	Pollution	26	13.5	0	9.29
PAPER 2						
Question 1	25	Volumetric analysis	38	22	3	12.18
Question 2	25	Chemical kinetics, equilibrium and energetics	38	18	3	10.11

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
BIOLOGY	38	0	38	0	3.3684	20/50	7/11	20/50

GRADE : A=0; B=0; C=24; D=14; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
PAPER 1						
Question 1	10	Multiple choices	38	9	4	6.84
Question 2	5	Matching items	38	5	0	3.05
Question 3	6	Introduction to biology	38	5.5	1	3.45
Question 4	6	Nutrition	38	6	0	2.43
Question 5	6	eproduction	38	5	0	0.89

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	6	Growth	38	3.5	0	1.88
Question 7	6	Genetics	38	6	0.5	2.91
Question 8	6	Movement	38	6	0	2.47
Question 9	6	Regulation	38	6	0	3.38
Question 10	6	Health and immunity, gaseous exchange	38	5.5	1	3.66
Question 11	6	Balance of nature	38	6	1	3.74
Question 12	6	Reproduction, HIV and STDs	38	6	2	4.61
Question 13	15	Health, immunity and disease	38	7	0	2.87
Question 14	10	Nutrition	37	10	1	7.84
Question 15	10	Reproduction in flowering plants	1	0	0	0.00
PAPER 2						
Question 1	25	Coordination / Classification and reproduction	38	12	2	7.21
Question 2	25	Nutrition / Classification	38	18	7.5	13.49

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
GEOGRAPHY	38	0	38	0	3.1579	12/50	6/11	12/50

GRADE : A=0; B=1; C=30; D=7; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	38	7	1	3.37
Question 2	5	Forces that affect the Earth	38	5	0	1.45
Question 3	11	Map reading and interpretation	38	6	0	3.21
Question 4	11	Statistics	38	10	2.5	7.43
Question 5	11	Forces that affect the Earth, structure of the Earth	38	5	0	2.05
Question 6	11	Research	38	8	0	3.66
Question 7	11	Photograph reading and interpretation	38	11	6.5	9.61
Question 8	15	Human population	38	12	0	3.34
Question 9	15	Power and energy resources	38	15	0	9.37
Question 10	15	Environment issue and management	38	14	0	7.37

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
CIVICS	38	0	37	1	2.6053	11/50	5/11	11/50

GRADE : A=6; B=7; C=22; D=2; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choices	38	9	4	6.66
Question 2	5	Matching items	38	5	3	4.84
Question 3	5	Passage (democracy)	38	4.5	0.5	2.53
Question 4	5	Our nation	38	5	1	4.18
Question 5	5	Culture	38	5	0	3.08
Question 6	5	Culture	34	5	0	1.38
Question 7	5	Globalization	38	5	0	4.28
Question 8	5	Economic and social development	38	5	1	4.76
Question 9	5	Poverty	38	2.5	0	0.57
Question 10	5	Democracy	38	4	0	0.93
Question 11	15	Culture	33	14	0	12.58
Question 12	15	Poverty	24	14	0	5.42
Question 13	15	Globalization	25	14	0	8.38
Question 14	15	Human rights	32	15	0	8.91

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIocese / RANK
KISWAHILI	38	0	38	0	3.1579	17/50	7/11	17/50

GRADE : A=0; B=3; C=26; D=9; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Swali la machaguo	38	8	2	5.63
Question 2	5	Kuoanisha kipengele A na B	38	5	1	4.50
Question 3	4	Ngeli za nomino	37	4	0	1.51
Question 4	4	Matumizi ya lugha	37	4	0	2.41
Question 5	8	Mjengo wa tungo	38	7	0	1.37
Question 6	8	Fasihi andishi (riwaya)	38	7	2	3.97
Question 7	8	Ufahamu na barua	36	7	0	4.39
Question 8	8	Uandishi wa barua	37	8	1	4.92
Question 9	15	Maendeleo ya kiswahili	37	14	2	9.81
Question 10	15	Fasihi andishi(ushairi)	37	13	1	8.89
Question 11	15	Fasihi andishi(riwaya)	9	2	0	0.33

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 12	15	Fasihi andishi(tamthilia)	26	12	0	6.00

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
ENGLISH LANGUAGE	38	0	38	0	2.3947	11/50	4/11	11/50

GRADE : A=4; B=16; C=17; D=1; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	10	Multiple choice	38	9	4	7.18
Question 2	5	Matching items	38	4	1	2.79
Question 3	4	Arrangement of sentences	38	4	0	2.00
Question 4	4	The use of pronouns (possessive pronouns)	38	4	1	3.53
Question 5	8	Conjunctions	38	8	3	6.03
Question 6	8	Verb (auxiliary verb 'DO')	38	8	0	3.53
Question 7	8	Structure	38	8	0	3.21
Question 8	8	Reported speech	37	8	0	5.14
Question 9	15	Composition	34	12	6	9.50
Question 10	15	Poetry	17	15	0	9.71
Question 11	15	Plays	27	15	1	8.26
Question 12	15	Novels	36	14	7.5	12.83

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
HISTORY	38	0	37	1	3.2895	6/50	3/11	6/50

GRADE : A=0; B=0; C=28; D=9; F=1;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	15	Multiple choices	38	10	3	6.26
Question 2	5	Matching items	38	4	0	1.92
Question 3	12	Short answers	38	8.5	0	4.21
Question 4	12	Arranging sentences	38	12	0	2.79
Question 5	11	Map question	38	9	1	4.32
Question 6	15	Nationalism and decolonization	38	14	0	6.24
Question 7	15	Economic activities and their impact	38	14	0	10.95
Question 8	15	Colonial economy	38	14.5	0	12.01
Question 9	15	Changes in social, political and economic policies	38	8	0	0.66

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BASIC MATHEMATICS	38	0	14	24	4.4474	20/50	5/11	20/50

GRADE : A=0; B=0; C=7; D=7; F=24;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	6	Approximations and numbers	38	6	0	4.79
Question 2	6	Exponents, radicals and logarithms	38	5.5	0	1.18
Question 3	6	Sets and logarithms	38	3	0	0.47
Question 4	6	Coordinate geometry and vectors	38	3	0	0.67
Question 5	6	Areas and perimeters	38	6	0	1.55
Question 6	6	Rates and perimeters	38	6	0	4.50
Question 7	6	Ratio, profit and loss, accounts	38	3	0	0.39
Question 8	6	Sequence and series	38	2	0	0.11
Question 9	6	Trigonometry	38	6	0	1.05
Question 10	6	Quadratic equation	38	6	0	0.53
Question 11	10	Circles and statistics	38	10	0	3.32
Question 12	10	Three dimensional figures and Earth as sphere	38	8	0	3.37
Question 13	10	Matrices and transformation	38	10	0	2.84
Question 14	10	Linear programming and functions	38	8	0	2.24

SUBJECT NAME	REGIST	WITHHELD	PASSED	FAILED	GPA	OVERALL / RANK	REG / RANK	DIOCESE / RANK
BIBLE KNOWLEDGE	38	0	38	0	3.0263	8/28	2/4	8/28

GRADE : A=0; B=2; C=33; D=3; F=0;

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 1	20	Multiple choices	38	16	6	12.03
Question 2	5	Matching items	38	5	0	0.89
Question 3	9	Genesis	37	7.5	2.5	5.53
Question 4	9	Acts of apostles	35	7	1	3.83
Question 5	9	Mathew	1	3	3	3.00

NUMBER	MARKS	TOPIC / QUESTION DESCRIPTION	NO OF STUDENTS	HIGHEST SCORE	LOWEST SCORE	AVERAGE SCORE
Question 6	9	Mathew	2	5	1	3.00
Question 7	9	Luke	32	9	1	5.44
Question 8	9	Luke	37	9	4	6.86
Question 9	9	Luke	32	5	0	1.56
Question 10	9	Luke	12	7	1	4.00
Question 11	15	Genesis	33	14	10	11.42
Question 12	15	Joshua	32	14	5	8.84
Question 13	15	Acts of apostles	6	10	4	6.33