



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

IMAGE SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 34 | 0 | 6 | 28 | 4.8235 | 39/50 | 11/14 | 39/50 |

GRADE : A=0; B=0; C=0; D=6; F=28;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 34 | 7 | 1 | 3.91 |
| Question 2 | 5 | Thermionic emission | 34 | 5 | 0 | 1.94 |
| Question 3 | 10 | Newton's law's of motion | 34 | 4 | 0 | 0.97 |
| Question 4 | 10 | Waves | 34 | 2 | 0 | 0.21 |
| Question 5 | 10 | Transfer of thermal energy and heating effect of electricity | 34 | 9 | 0 | 2.21 |
| Question 6 | 10 | Radioactivity | 34 | 4 | 0 | 0.50 |
| Question 7 | 10 | Equilibrium | 34 | 6 | 0 | 0.91 |
| Question 8 | 10 | Light part two | 34 | 4 | 0 | 0.97 |
| Question 9 | 12.5 | Electronics | 22 | 3.5 | 0 | 0.59 |
| Question 10 | 12.5 | Electronics | 3 | 0 | 0 | 0.00 |
| Question 11 | 12.5 | Current electricity and electromagnetism | 22 | 6.5 | 0 | 2.95 |
| Question 12 | 12.5 | Elementary astronomy and geophysics | 25 | 8 | 0 | 4.24 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Mechanics (principle of moments) | 34 | 19 | 2 | 10.94 |
| Question 2 | 25 | Light | 34 | 18 | 1 | 6.09 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 55 | 0 | 50 | 5 | 3.7273 | 22/49 | 7/14 | 22/49 |

GRADE : A=0; B=0; C=20; D=30; F=5;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 55 | 7 | 0 | 3.87 |
| Question 2 | 5 | Compound of metals | 55 | 5 | 0 | 2.09 |
| Question 3 | 7 | Chemical kinetic, equilibrium, non-metals and their compounds | 52 | 1 | 0 | 0.92 |
| Question 4 | 7 | Water, mole concept | 53 | 5 | 0 | 1.18 |
| Question 5 | 7 | Formula, bonding and nomenclature | 55 | 7 | 0 | 2.25 |
| Question 6 | 7 | Non-metal and their compounds, Volumetric analysis | 55 | 3 | 0 | 0.52 |
| Question 7 | 7 | Non-metals and their compounds | 55 | 4 | 0 | 1.54 |
| Question 8 | 7 | Non-metals and their compounds, electrolysis (ionic theory and electrolysis) | 55 | 5 | 0 | 0.15 |
| Question 9 | 7 | Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry | 55 | 4 | 0 | 2.71 |
| Question 10 | 7 | Volumetric analysis | 55 | 4 | 0 | 1.96 |
| Question 11 | 7 | Compound of metals | 55 | 7 | 0 | 3.64 |
| Question 12 | 7 | Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound | 53 | 4.5 | 0 | 1.70 |
| Question 13 | 15 | Soil chemistry | 8 | 15 | 0 | 3.13 |
| Question 14 | 15 | Pollution | 46 | 13 | 0 | 7.57 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Volumetric analysis | 55 | 25 | 5 | 16.55 |
| Question 2 | 25 | Chemical kinetics, equilibrium and energetics | 55 | 21.5 | 9 | 15.26 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 90 | 0 | 80 | 10 | 3.8111 | 29/50 | 9/14 | 29/50 |

GRADE : A=0; B=1; C=25; D=54; F=10;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 90 | 9 | 2 | 5.61 |
| Question 2 | 5 | Matching items | 90 | 4 | 0 | 0.87 |
| Question 3 | 6 | Introduction to biology | 90 | 6 | 0 | 3.23 |
| Question 4 | 6 | Nutrition | 90 | 6 | 0 | 1.89 |
| Question 5 | 6 | eproduction | 90 | 5 | 0 | 0.28 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| Question 6 | 6 | Growth | 90 | 6 | 0 | 1.41 |
| Question 7 | 6 | Genetics | 90 | 4.5 | 0 | 1.18 |
| Question 8 | 6 | Movement | 90 | 5 | 0 | 0.59 |
| Question 9 | 6 | Regulation | 90 | 6 | 0 | 1.39 |
| Question 10 | 6 | Health and immunity, gaseous exchange | 90 | 6 | 0 | 2.51 |
| Question 11 | 6 | Balance of nature | 90 | 6 | 0 | 3.11 |
| Question 12 | 6 | Reproduction, HIV and STDs | 90 | 6 | 0 | 4.35 |
| Question 13 | 15 | Health, immunity and disease | 90 | 9 | 0 | 3.59 |
| Question 14 | 10 | Nutrition | 81 | 9 | 0 | 4.79 |
| Question 15 | 10 | Reproduction in flowering plants | 9 | 0 | 0 | 0.00 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Coordination / Classification and reproduction | 90 | 17 | 2 | 9.74 |
| Question 2 | 25 | Nutrition / Classification | 90 | 20 | 9 | 14.89 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 90 | 0 | 67 | 23 | 4.0556 | 33/50 | 10/14 | 33/50 |

GRADE : A=0; B=0; C=18; D=49; F=23;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 90 | 7 | 0 | 2.00 |
| Question 2 | 5 | Forces that affect the Earth | 90 | 4 | 0 | 1.03 |
| Question 3 | 11 | Map reading and interpretation | 90 | 5 | 0 | 1.48 |
| Question 4 | 11 | Statistics | 89 | 10 | 1 | 5.86 |
| Question 5 | 11 | Forces that affect the Earth, structure of the Earth | 85 | 9 | 0 | 1.19 |
| Question 6 | 11 | Research | 89 | 10 | 0 | 1.89 |
| Question 7 | 11 | Photograph reading and interpretation | 88 | 10.5 | 1 | 6.17 |
| Question 8 | 15 | Human population | 61 | 14 | 0 | 6.32 |
| Question 9 | 15 | Power and energy resources | 77 | 15 | 0.5 | 11.12 |
| Question 10 | 15 | Environment issue and management | 35 | 14 | 0 | 7.77 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 90 | 0 | 67 | 23 | 3.7333 | 30/50 | 10/14 | 30/50 |

GRADE : A=0; B=5; C=37; D=25; F=23;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 90 | 9 | 0 | 4.23 |
| Question 2 | 5 | Matching items | 90 | 5 | 0 | 3.87 |
| Question 3 | 5 | Passage (democracy) | 90 | 4 | 0 | 1.84 |
| Question 4 | 5 | Our nation | 89 | 5 | 0 | 3.18 |
| Question 5 | 5 | Culture | 87 | 5 | 0 | 2.94 |
| Question 6 | 5 | Culture | 84 | 4.5 | 0 | 0.67 |
| Question 7 | 5 | Globalization | 86 | 5 | 0 | 2.92 |
| Question 8 | 5 | Economic and social development | 90 | 5 | 0 | 2.79 |
| Question 9 | 5 | Poverty | 89 | 4 | 0 | 0.25 |
| Question 10 | 5 | Democracy | 87 | 5 | 0 | 1.66 |
| Question 11 | 15 | Culture | 83 | 14 | 0 | 7.26 |
| Question 12 | 15 | Poverty | 61 | 14 | 0 | 3.20 |
| Question 13 | 15 | Globalization | 62 | 14 | 0 | 6.74 |
| Question 14 | 15 | Human rights | 70 | 14 | 0 | 4.33 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| LITERATURE IN ENGLISH | 20 | 0 | 16 | 4 | 3.9500 | 14/24 | 4/7 | 14/24 |

GRADE : A=0; B=0; C=5; D=11; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choice (theories) | 20 | 4 | 0 | 1.50 |
| Question 2 | 5 | Matching items (theories) | 20 | 3 | 0 | 1.40 |
| Question 3 | 10 | Literary devices (theories) | 20 | 5 | 0 | 2.60 |
| Question 4 | 10 | Poem (poetry) | 20 | 8 | 1 | 4.20 |
| Question 5 | 10 | Dramatic terms | 19 | 8 | 0 | 3.29 |
| Question 6 | 10 | Language and literature | 20 | 9 | 0 | 4.25 |
| Question 7 | 15 | Poetry | 20 | 10.5 | 0 | 7.35 |
| Question 8 | 15 | Novel | 2 | 6.5 | 1 | 3.75 |
| Question 9 | 15 | Play | 18 | 12 | 1 | 5.06 |
| Question 10 | 15 | Novel | 20 | 12 | 0 | 9.10 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI | 90 | 0 | 79 | 11 | 3.8667 | 37/50 | 11/14 | 37/50 |

GRADE : A=0; B=0; C=23; D=56; F=11;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Swali la machaguo | 90 | 8 | 0 | 4.62 |
| Question 2 | 5 | Kuoanisha kipengele A na B | 90 | 5 | 0 | 3.43 |
| Question 3 | 4 | Ngeli za nomino | 90 | 4 | 0 | 1.58 |
| Question 4 | 4 | Matumizi ya lugha | 87 | 3 | 0 | 0.69 |
| Question 5 | 8 | Mjengo wa tungo | 88 | 7 | 0 | 0.76 |
| Question 6 | 8 | Fasihi andishi (riwaya) | 89 | 8 | 0 | 3.62 |
| Question 7 | 8 | Ufahamu na barua | 90 | 7 | 0 | 3.89 |
| Question 8 | 8 | Uandishi wa barua | 88 | 7 | 0 | 2.17 |
| Question 9 | 15 | Maendeleo ya kiswahili | 85 | 14 | 0 | 7.95 |
| Question 10 | 15 | Fasihi andishi(ushairi) | 80 | 14 | 0 | 8.84 |
| Question 11 | 15 | Fasihi andishi(riwaya) | 22 | 10 | 0 | 0.66 |
| Question 12 | 15 | Fasihi andishi(tamthilia) | 78 | 13 | 0 | 3.60 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 88 | 0 | 84 | 4 | 3.3182 | 34/50 | 10/14 | 34/50 |

GRADE : A=1; B=4; C=53; D=26; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choice | 88 | 9 | 0 | 4.98 |
| Question 2 | 5 | Matching items | 87 | 5 | 0 | 2.00 |
| Question 3 | 4 | Arrangement of sentences | 88 | 4 | 0 | 1.86 |
| Question 4 | 4 | The use of pronouns (possessive pronouns) | 88 | 4 | 0 | 3.03 |
| Question 5 | 8 | Conjunctions | 88 | 8 | 0 | 3.76 |
| Question 6 | 8 | Verb (auxiliary verb 'DO') | 88 | 6 | 0 | 1.32 |
| Question 7 | 8 | Structure | 88 | 8 | 0 | 1.39 |
| Question 8 | 8 | Reported speech | 86 | 8 | 0 | 0.44 |
| Question 9 | 15 | Composition | 77 | 13 | 3 | 9.10 |
| Question 10 | 15 | Poetry | 30 | 13 | 0 | 6.70 |
| Question 11 | 15 | Plays | 72 | 15 | 0 | 9.11 |
| Question 12 | 15 | Novels | 84 | 14 | 0 | 11.85 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 90 | 0 | 28 | 62 | 4.6333 | 42/50 | 13/14 | 42/50 |

GRADE : A=0; B=0; C=5; D=23; F=62;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 90 | 9 | 2 | 5.21 |
| Question 2 | 5 | Matching items | 90 | 5 | 0 | 1.09 |
| Question 3 | 12 | Short answers | 90 | 6 | 0 | 1.57 |
| Question 4 | 12 | Arranging sentences | 90 | 12 | 0 | 1.68 |
| Question 5 | 11 | Map question | 90 | 9 | 0 | 2.36 |
| Question 6 | 15 | Nationalism and decolonization | 89 | 11 | 0 | 3.17 |
| Question 7 | 15 | Economic activities and their impact | 90 | 13.5 | 0 | 7.89 |
| Question 8 | 15 | Colonial economy | 90 | 14 | 0 | 2.33 |
| Question 9 | 15 | Changes in social, political and economic policies | 90 | 10 | 0 | 1.18 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| COMMERCE | 13 | 0 | 13 | 0 | 3.4615 | 6/7 | 3/3 | 6/7 |

GRADE : A=0; B=1; C=5; D=7; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 13 | 10 | 3 | 6.38 |
| Question 2 | 5 | Taxation | 13 | 4 | 0 | 1.85 |
| Question 3 | 10 | Money, domestic trade | 13 | 10 | 2.5 | 6.85 |
| Question 4 | 10 | Warehousing management | 13 | 10 | 2 | 3.00 |
| Question 5 | 10 | Subject matter of commerce | 13 | 10 | 8 | 9.69 |
| Question 6 | 10 | Communication, economics basic | 13 | 5 | 0 | 1.62 |
| Question 7 | 10 | Entrepreneurship, insurance | 12 | 5.5 | 0 | 2.58 |
| Question 8 | 15 | Waterhousing management | 4 | 4 | 1 | 1.75 |
| Question 9 | 15 | Finance | 11 | 11.5 | 5 | 8.50 |
| Question 10 | 15 | Business management | 11 | 13 | 1 | 9.55 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 90 | 0 | 4 | 86 | 4.9556 | 42/50 | 12/14 | 42/50 |

GRADE : A=0; B=0; C=0; D=4; F=86;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Approximations and numbers | 90 | 6 | 0 | 2.85 |
| Question 2 | 6 | Exponents, radicals and logarithms | 90 | 3 | 0 | 0.37 |
| Question 3 | 6 | Sets and logarithms | 90 | 1.5 | 0 | 0.15 |
| Question 4 | 6 | Coordinate geometry and vectors | 89 | 5.5 | 0 | 0.31 |
| Question 5 | 6 | Areas and perimeters | 90 | 4 | 0 | 0.28 |
| Question 6 | 6 | Rates and perimeters | 90 | 6 | 0 | 2.82 |
| Question 7 | 6 | Ratio, profit and loss, accounts | 90 | 4 | 0 | 1.23 |
| Question 8 | 6 | Sequence and series | 90 | 4 | 0 | 0.12 |
| Question 9 | 6 | Trigonometry | 90 | 2 | 0 | 0.13 |
| Question 10 | 6 | Quadratic equation | 90 | 3 | 0 | 0.05 |
| Question 11 | 10 | Circles and statistics | 90 | 5 | 0 | 0.57 |
| Question 12 | 10 | Three dimensional figures and Earth as sphere | 89 | 6 | 0 | 1.12 |
| Question 13 | 10 | Matrices and transformation | 90 | 5 | 0 | 0.57 |
| Question 14 | 10 | Linear programming and functions | 90 | 10 | 0 | 0.33 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BOOK KEEPING | 13 | 0 | 5 | 8 | 4.5385 | 7/7 | 3/3 | 7/7 |

GRADE : A=0; B=0; C=1; D=4; F=8;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 13 | 6 | 1 | 3.54 |
| Question 2 | 5 | Matching items / subsidiary | 13 | 4 | 0 | 1.92 |
| Question 3 | 10 | Elements of auditing | 13 | 8 | 0 | 2.06 |
| Question 4 | 10 | Correction of errors | 12 | 8 | 0 | 2.36 |
| Question 5 | 10 | Control account | 12 | 7 | 1 | 4.55 |
| Question 6 | 10 | Bank reconciliation | 13 | 10 | 0 | 4.66 |
| Question 7 | 20 | Manufacturing account | 10 | 10 | 0 | 4.20 |
| Question 8 | 20 | Consignment account | 12 | 10 | 6 | 7.75 |
| Question 9 | 20 | Joint ventures | 5 | 9 | 4 | 6.60 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIBLE KNOWLEDGE | 50 | 0 | 49 | 1 | 3.3200 | 13/28 | 5/10 | 13/28 |

GRADE : A=0; B=2; C=31; D=16; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 20 | Multiple choices | 50 | 15 | 3 | 9.44 |
| Question 2 | 5 | Matching items | 50 | 4 | 0 | 1.12 |
| Question 3 | 9 | Genesis | 50 | 7 | 1 | 4.17 |
| Question 4 | 9 | Acts of apostles | 48 | 7 | 0 | 3.75 |
| Question 5 | 9 | Mathew | 15 | 4 | 0 | 1.27 |
| Question 6 | 9 | Mathew | 12 | 9 | 0 | 2.17 |
| Question 7 | 9 | Luke | 27 | 8 | 0 | 3.85 |
| Question 8 | 9 | Luke | 44 | 7 | 2 | 5.57 |
| Question 9 | 9 | Luke | 37 | 6 | 0 | 1.22 |
| Question 10 | 9 | Luke | 21 | 9 | 0 | 2.95 |
| Question 11 | 15 | Genesis | 45 | 15 | 0 | 10.94 |
| Question 12 | 15 | Joshua | 45 | 15 | 0 | 9.66 |
| Question 13 | 15 | Acts of apostles | 5 | 14 | 7 | 11.00 |