



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

MTERA SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 11 | 0 | 3 | 8 | 4.6364 | 34/50 | 10/14 | 34/50 |

GRADE : A=0; B=0; C=1; D=2; F=8;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 11 | 7 | 3 | 5.45 |
| Question 2 | 5 | Thermionic emission | 11 | 5 | 0 | 3.18 |
| Question 3 | 10 | Newton's law's of motion | 11 | 7 | 0 | 1.27 |
| Question 4 | 10 | Waves | 11 | 4 | 0 | 0.73 |
| Question 5 | 10 | Transfer of thermal energy and heating effect of electricity | 11 | 3 | 0 | 1.55 |
| Question 6 | 10 | Radioactivity | 11 | 5 | 0 | 0.45 |
| Question 7 | 10 | Equilibrium | 11 | 4 | 0 | 0.64 |
| Question 8 | 10 | Light part two | 11 | 9 | 0 | 2.55 |
| Question 9 | 12.5 | Electronics | 8 | 3 | 0 | 0.63 |
| Question 10 | 12.5 | Electronics | 0 | 0 | 0 | 0.00 |
| Question 11 | 12.5 | Current electricity and electromagnetism | 4 | 3.5 | 0 | 1.38 |
| Question 12 | 12.5 | Elementary astronomy and geophysics | 9 | 6 | 0 | 3.11 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Mechanics (principle of moments) | 11 | 20 | 9 | 14.82 |
| Question 2 | 25 | Light | 11 | 13.5 | 2 | 5.32 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 11 | 0 | 7 | 4 | 4.0909 | 30/49 | 9/14 | 30/49 |

GRADE : A=0; B=1; C=1; D=5; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 11 | 6 | 3 | 4.00 |
| Question 2 | 5 | Compound of metals | 11 | 5 | 0 | 2.45 |
| Question 3 | 7 | Chemical kinetic, equilibrium, non-metals and their compounds | 11 | 2 | 1 | 1.09 |
| Question 4 | 7 | Water, mole concept | 11 | 7 | 0 | 1.00 |
| Question 5 | 7 | Formula, bonding and nomenclature | 11 | 4 | 0 | 1.18 |
| Question 6 | 7 | Non-metal and their compounds, Volumetric analysis | 11 | 7 | 0 | 0.73 |
| Question 7 | 7 | Non-metals and their compounds | 11 | 5 | 0 | 1.36 |
| Question 8 | 7 | Non-metals and their compounds, electrolysis (ionic theory and electrolysis) | 11 | 0 | 0 | 0.00 |
| Question 9 | 7 | Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry | 11 | 4 | 1 | 2.82 |
| Question 10 | 7 | Volumetric analysis | 11 | 7 | 1 | 2.91 |
| Question 11 | 7 | Compound of metals | 11 | 6 | 0 | 2.45 |
| Question 12 | 7 | Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound | 11 | 3 | 0 | 1.36 |
| Question 13 | 15 | Soil chemistry | 11 | 15 | 0 | 3.45 |
| Question 14 | 15 | Pollution | 11 | 11 | 0 | 1.18 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Volumetric analysis | 11 | 23 | 8 | 17.09 |
| Question 2 | 25 | Chemical kinetics, equilibrium and energetics | 11 | 14 | 3 | 9.18 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 44 | 0 | 22 | 22 | 4.3636 | 41/50 | 12/14 | 41/50 |

GRADE : A=0; B=1; C=4; D=17; F=22;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 44 | 10 | 1 | 5.39 |
| Question 2 | 5 | Matching items | 44 | 4 | 0 | 0.86 |
| Question 3 | 6 | Introduction to biology | 44 | 4.5 | 0 | 1.82 |
| Question 4 | 6 | Nutrition | 44 | 5 | 0 | 1.84 |
| Question 5 | 6 | eproduction | 39 | 4 | 0 | 0.42 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| Question 6 | 6 | Growth | 40 | 5 | 0 | 1.05 |
| Question 7 | 6 | Genetics | 43 | 3 | 0 | 0.84 |
| Question 8 | 6 | Movement | 44 | 4 | 0 | 0.63 |
| Question 9 | 6 | Regulation | 44 | 6 | 0 | 0.74 |
| Question 10 | 6 | Health and immunity, gaseous exchange | 44 | 5 | 0 | 1.14 |
| Question 11 | 6 | Balance of nature | 44 | 5 | 0 | 1.72 |
| Question 12 | 6 | Reproduction, HIV and STDs | 44 | 5 | 0 | 1.32 |
| Question 13 | 15 | Health, immunity and disease | 43 | 9 | 0 | 3.67 |
| Question 14 | 10 | Nutrition | 41 | 9 | 0 | 4.39 |
| Question 15 | 10 | Reproduction in flowering plants | 3 | 6 | 0 | 2.00 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Coordination / Classification and reproduction | 44 | 20 | 0 | 7.18 |
| Question 2 | 25 | Nutrition / Classification | 44 | 24 | 0 | 14.52 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 44 | 0 | 24 | 20 | 4.3636 | 40/50 | 12/14 | 40/50 |

GRADE : A=0; B=0; C=4; D=20; F=20;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 44 | 5 | 0 | 2.27 |
| Question 2 | 5 | Forces that affect the Earth | 44 | 3 | 0 | 0.89 |
| Question 3 | 11 | Map reading and interpretation | 42 | 4 | 0 | 0.86 |
| Question 4 | 11 | Statistics | 44 | 9 | 0 | 4.29 |
| Question 5 | 11 | Forces that affect the Earth, structure of the Earth | 41 | 4.5 | 0 | 0.96 |
| Question 6 | 11 | Research | 43 | 5 | 0 | 0.76 |
| Question 7 | 11 | Photograph reading and interpretation | 43 | 11 | 0 | 5.42 |
| Question 8 | 15 | Human population | 26 | 10.5 | 0 | 3.60 |
| Question 9 | 15 | Power and energy resources | 38 | 15 | 2 | 10.11 |
| Question 10 | 15 | Environment issue and management | 21 | 14 | 1 | 9.21 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 44 | 0 | 17 | 27 | 4.5227 | 47/50 | 14/14 | 47/50 |

GRADE : A=0; B=0; C=4; D=13; F=27;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 44 | 8 | 0 | 4.34 |
| Question 2 | 5 | Matching items | 44 | 5 | 0 | 3.16 |
| Question 3 | 5 | Passage (democracy) | 43 | 4 | 0 | 1.23 |
| Question 4 | 5 | Our nation | 41 | 5 | 0 | 1.01 |
| Question 5 | 5 | Culture | 42 | 5 | 0 | 3.19 |
| Question 6 | 5 | Culture | 40 | 2 | 0 | 0.09 |
| Question 7 | 5 | Globalization | 44 | 5 | 0 | 2.70 |
| Question 8 | 5 | Economic and social development | 44 | 5 | 0 | 1.30 |
| Question 9 | 5 | Poverty | 43 | 4 | 0 | 0.48 |
| Question 10 | 5 | Democracy | 43 | 3.5 | 0 | 1.08 |
| Question 11 | 15 | Culture | 39 | 14 | 0 | 2.56 |
| Question 12 | 15 | Poverty | 32 | 13 | 0 | 1.59 |
| Question 13 | 15 | Globalization | 20 | 14 | 0 | 5.30 |
| Question 14 | 15 | Human rights | 31 | 13 | 0 | 3.18 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| LITERATURE IN ENGLISH | 27 | 0 | 2 | 25 | 4.9259 | 24/24 | 7/7 | 24/24 |

GRADE : A=0; B=0; C=0; D=2; F=25;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choice (theories) | 27 | 4 | 0 | 1.63 |
| Question 2 | 5 | Matching items (theories) | 27 | 3 | 0 | 1.00 |
| Question 3 | 10 | Literary devices (theories) | 25 | 4 | 0 | 1.04 |
| Question 4 | 10 | Poem (poetry) | 25 | 5 | 0 | 2.16 |
| Question 5 | 10 | Dramatic terms | 21 | 6 | 0 | 1.38 |
| Question 6 | 10 | Language and literature | 23 | 4 | 0 | 0.48 |
| Question 7 | 15 | Poetry | 27 | 10.5 | 0 | 6.24 |
| Question 8 | 15 | Novel | 6 | 9.5 | 1 | 4.75 |
| Question 9 | 15 | Play | 22 | 11 | 0 | 2.14 |
| Question 10 | 15 | Novel | 24 | 13 | 0 | 2.67 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI | 44 | 0 | 27 | 17 | 4.2955 | 46/50 | 13/14 | 46/50 |

GRADE : A=0; B=0; C=4; D=23; F=17;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Swali la machaguo | 44 | 7 | 0 | 3.84 |
| Question 2 | 5 | Kuoanisha kipengele A na B | 44 | 5 | 0 | 2.43 |
| Question 3 | 4 | Ngeli za nomino | 43 | 4 | 0 | 1.44 |
| Question 4 | 4 | Matumizi ya lugha | 43 | 4 | 0 | 0.42 |
| Question 5 | 8 | Mjengo wa tungo | 43 | 5 | 0 | 0.65 |
| Question 6 | 8 | Fasihi andishi (riwaya) | 44 | 7 | 0 | 3.82 |
| Question 7 | 8 | Ufahamu na barua | 43 | 7 | 2 | 4.42 |
| Question 8 | 8 | Uandishi wa barua | 42 | 7 | 0 | 2.14 |
| Question 9 | 15 | Maendeleo ya kiswahili | 41 | 14 | 0 | 7.61 |
| Question 10 | 15 | Fasihi andishi(ushairi) | 29 | 12.5 | 0 | 4.67 |
| Question 11 | 15 | Fasihi andishi(riwaya) | 17 | 9 | 0 | 1.18 |
| Question 12 | 15 | Fasihi andishi(tamthilia) | 40 | 12 | 0 | 3.76 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 44 | 0 | 33 | 11 | 4.0909 | 47/50 | 13/14 | 47/50 |

GRADE : A=0; B=0; C=7; D=26; F=11;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choice | 44 | 8 | 0 | 4.09 |
| Question 2 | 5 | Matching items | 44 | 4 | 0 | 1.77 |
| Question 3 | 4 | Arrangement of sentences | 44 | 4 | 0 | 1.25 |
| Question 4 | 4 | The use of pronouns (possessive pronouns) | 44 | 4 | 0 | 3.14 |
| Question 5 | 8 | Conjunctions | 44 | 6 | 0 | 2.18 |
| Question 6 | 8 | Verb (auxiliary verb 'DO') | 44 | 2 | 0 | 0.36 |
| Question 7 | 8 | Structure | 44 | 6 | 0 | 1.05 |
| Question 8 | 8 | Reported speech | 44 | 5 | 0 | 0.20 |
| Question 9 | 15 | Composition | 44 | 12 | 0 | 5.41 |
| Question 10 | 15 | Poetry | 44 | 14 | 0 | 1.66 |
| Question 11 | 15 | Plays | 44 | 14 | 0 | 4.90 |
| Question 12 | 15 | Novels | 44 | 12 | 0 | 7.82 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 44 | 0 | 28 | 16 | 4.1364 | 25/50 | 7/14 | 25/50 |

GRADE : A=0; B=0; C=10; D=18; F=16;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 44 | 7 | 0 | 4.11 |
| Question 2 | 5 | Matching items | 44 | 5 | 0 | 2.02 |
| Question 3 | 12 | Short answers | 44 | 5.5 | 0 | 1.30 |
| Question 4 | 12 | Arranging sentences | 44 | 8 | 0 | 2.73 |
| Question 5 | 11 | Map question | 44 | 11 | 0 | 5.58 |
| Question 6 | 15 | Nationalism and decolonization | 43 | 10 | 0 | 4.93 |
| Question 7 | 15 | Economic activities and their impact | 42 | 13 | 2 | 7.64 |
| Question 8 | 15 | Colonial economy | 43 | 14 | 0 | 6.09 |
| Question 9 | 15 | Changes in social, political and economic policies | 2 | 13 | 7 | 10.00 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| COMMERCE | 9 | 0 | 9 | 0 | 2.5556 | 2/7 | 2/3 | 2/7 |

GRADE : A=2; B=0; C=7; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 9 | 9 | 3 | 6.89 |
| Question 2 | 5 | Taxation | 9 | 2 | 0 | 0.89 |
| Question 3 | 10 | Money, domestic trade | 9 | 10 | 3 | 6.89 |
| Question 4 | 10 | Warehousing management | 9 | 10 | 0 | 5.44 |
| Question 5 | 10 | Subject matter of commerce | 9 | 10 | 3 | 9.22 |
| Question 6 | 10 | Communication, economics basic | 9 | 10 | 4 | 5.78 |
| Question 7 | 10 | Entrepreneurship, insurance | 9 | 7 | 0 | 3.28 |
| Question 8 | 15 | Waterhousing management | 8 | 14 | 0 | 7.50 |
| Question 9 | 15 | Finance | 9 | 14 | 5 | 9.89 |
| Question 10 | 15 | Business management | 2 | 12 | 9.5 | 10.75 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 43 | 0 | 3 | 40 | 4.8837 | 34/50 | 10/14 | 34/50 |

GRADE : A=0; B=0; C=2; D=1; F=40;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Approximations and numbers | 43 | 6 | 0 | 2.79 |
| Question 2 | 6 | Exponents, radicals and logarithms | 43 | 5.5 | 0 | 0.35 |
| Question 3 | 6 | Sets and logarithms | 43 | 2 | 0 | 0.09 |
| Question 4 | 6 | Coordinate geometry and vectors | 42 | 2.5 | 0 | 0.18 |
| Question 5 | 6 | Areas and perimeters | 43 | 6 | 0 | 0.67 |
| Question 6 | 6 | Rates and perimeters | 43 | 6 | 0 | 1.47 |
| Question 7 | 6 | Ratio, profit and loss, accounts | 42 | 3 | 0 | 0.43 |
| Question 8 | 6 | Sequence and series | 43 | 1 | 0 | 0.02 |
| Question 9 | 6 | Trigonometry | 43 | 6 | 0 | 0.19 |
| Question 10 | 6 | Quadratic equation | 43 | 2 | 0 | 0.09 |
| Question 11 | 10 | Circles and statistics | 43 | 8 | 0 | 0.70 |
| Question 12 | 10 | Three dimensional figures and Earth as sphere | 43 | 8 | 0 | 0.44 |
| Question 13 | 10 | Matrices and transformation | 42 | 10 | 0 | 0.93 |
| Question 14 | 10 | Linear programming and functions | 42 | 5 | 0 | 0.17 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BOOK KEEPING | 9 | 0 | 6 | 3 | 4.0000 | 6/7 | 2/3 | 6/7 |

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

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 9 | 6 | 2 | 4.11 |
| Question 2 | 5 | Matching items / subsidiary | 9 | 3 | 0 | 1.89 |
| Question 3 | 10 | Elements of auditing | 9 | 5 | 0 | 1.56 |
| Question 4 | 10 | Correction of errors | 9 | 6 | 0 | 0.67 |
| Question 5 | 10 | Control account | 9 | 7 | 0 | 5.11 |
| Question 6 | 10 | Bank reconciliation | 8 | 10 | 2 | 5.88 |
| Question 7 | 20 | Manufacturing account | 7 | 11 | 6 | 7.86 |
| Question 8 | 20 | Consignment account | 7 | 12 | 6 | 9.43 |
| Question 9 | 20 | Joint ventures | 3 | 15 | 7 | 10.67 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIBLE KNOWLEDGE | 16 | 0 | 11 | 5 | 4.0000 | 22/28 | 9/10 | 22/28 |

GRADE : A=0; B=0; C=5; D=6; F=5;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 20 | Multiple choices | 16 | 12 | 4 | 7.56 |
| Question 2 | 5 | Matching items | 16 | 4 | 0 | 1.25 |
| Question 3 | 9 | Genesis | 16 | 6 | 2 | 3.69 |
| Question 4 | 9 | Acts of apostles | 16 | 3 | 0 | 0.69 |
| Question 5 | 9 | Mathew | 0 | 0 | 0 | 0.00 |
| Question 6 | 9 | Mathew | 1 | 8 | 8 | 8.00 |
| Question 7 | 9 | Luke | 12 | 6 | 0 | 3.92 |
| Question 8 | 9 | Luke | 16 | 7 | 3 | 6.03 |
| Question 9 | 9 | Luke | 10 | 5 | 0 | 1.30 |
| Question 10 | 9 | Luke | 10 | 7 | 0 | 2.85 |
| Question 11 | 15 | Genesis | 15 | 14 | 3 | 7.23 |
| Question 12 | 15 | Joshua | 6 | 9 | 0 | 2.17 |
| Question 13 | 15 | Acts of apostles | 9 | 10 | 0 | 4.11 |