



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

MUHUWESI SEMINARY
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 40 | 0 | 36 | 4 | 3.6250 | 10/50 | 1/9 | 10/50 |

GRADE : A=0; B=4; C=11; D=21; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 40 | 8 | 1 | 5.03 |
| Question 2 | 5 | Thermionic emission | 40 | 5 | 1 | 3.10 |
| Question 3 | 10 | Newton's law's of motion | 40 | 6 | 0 | 2.03 |
| Question 4 | 10 | Waves | 40 | 6 | 0 | 1.73 |
| Question 5 | 10 | Transfer of thermal energy and heating effect of electricity | 40 | 10 | 0 | 3.23 |
| Question 6 | 10 | Radioactivity | 40 | 10 | 0 | 3.56 |
| Question 7 | 10 | Equilibrium | 37 | 7 | 0 | 2.14 |
| Question 8 | 10 | Light part two | 38 | 5 | 0 | 1.45 |
| Question 9 | 12.5 | Electronics | 39 | 8 | 1 | 4.76 |
| Question 10 | 12.5 | Electronics | 21 | 12 | 0 | 6.76 |
| Question 11 | 12.5 | Current electricity and electromagnetism | 17 | 12.5 | 1 | 7.82 |
| Question 12 | 12.5 | Elementary astronomy and geophysics | 6 | 7 | 3 | 5.00 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Mechanics (principle of moments) | 40 | 24 | 1 | 19.29 |
| Question 2 | 25 | Light | 40 | 22 | 0 | 10.16 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 40 | 0 | 33 | 7 | 3.9000 | 25/49 | 5/9 | 25/49 |

GRADE : A=0; B=0; C=11; D=22; F=7;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 40 | 8 | 2 | 4.90 |
| Question 2 | 5 | Compound of metals | 40 | 5 | 0 | 2.83 |
| Question 3 | 7 | Chemical kinetic, equilibrium, non-metals and their compounds | 39 | 2 | 1 | 1.03 |
| Question 4 | 7 | Water, mole concept | 39 | 6 | 0 | 2.42 |
| Question 5 | 7 | Formula, bonding and nomenclature | 40 | 5 | 0 | 1.70 |
| Question 6 | 7 | Non-metal and their compounds, Volumetric analysis | 40 | 5 | 0 | 1.25 |
| Question 7 | 7 | Non-metals and their compounds | 40 | 6 | 0 | 3.33 |
| Question 8 | 7 | Non-metals and their compounds, electrolysis (ionic theory and electrolysis) | 40 | 7 | 0 | 0.68 |
| Question 9 | 7 | Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry | 40 | 4 | 1 | 2.85 |
| Question 10 | 7 | Volumetric analysis | 40 | 4 | 0 | 1.85 |
| Question 11 | 7 | Compound of metals | 39 | 6 | 0 | 2.06 |
| Question 12 | 7 | Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound | 38 | 5 | 0 | 1.76 |
| Question 13 | 15 | Soil chemistry | 20 | 15 | 0 | 7.30 |
| Question 14 | 15 | Pollution | 20 | 15 | 0 | 8.13 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Volumetric analysis | 40 | 17 | 3 | 11.11 |
| Question 2 | 25 | Chemical kinetics, equilibrium and energetics | 40 | 17.5 | 6.5 | 14.26 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 40 | 0 | 40 | 0 | 3.1250 | 13/50 | 3/9 | 13/50 |

GRADE : A=0; B=3; C=29; D=8; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 40 | 10 | 2 | 7.20 |
| Question 2 | 5 | Matching items | 40 | 5 | 1 | 4.28 |
| Question 3 | 6 | Introduction to biology | 40 | 5.5 | 1 | 4.08 |
| Question 4 | 6 | Nutrition | 40 | 6 | 0 | 2.33 |
| Question 5 | 6 | eproduction | 40 | 5 | 0 | 1.30 |

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|----------------|-------|--|----------------|---------------|--------------|---------------|
| Question 6 | 6 | Growth | 40 | 4.5 | 0.5 | 2.18 |
| Question 7 | 6 | Genetics | 40 | 6 | 0.5 | 4.04 |
| Question 8 | 6 | Movement | 40 | 5 | 0 | 1.46 |
| Question 9 | 6 | Regulation | 40 | 6 | 0 | 2.19 |
| Question 10 | 6 | Health and immunity, gaseous exchange | 40 | 6 | 0 | 2.89 |
| Question 11 | 6 | Balance of nature | 40 | 6 | 0 | 2.50 |
| Question 12 | 6 | Reproduction, HIV and STDs | 40 | 6 | 0 | 4.60 |
| Question 13 | 15 | Health, immunity and disease | 40 | 9 | 0 | 3.30 |
| Question 14 | 10 | Nutrition | 37 | 10 | 2 | 6.05 |
| Question 15 | 10 | Reproduction in flowering plants | 1 | 4 | 4 | 4.00 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Coordination / Classification and reproduction | 40 | 21 | 10 | 16.75 |
| Question 2 | 25 | Nutrition / Classification | 40 | 21 | 4 | 14.61 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 40 | 0 | 40 | 0 | 3.3250 | 18/50 | 3/9 | 18/50 |

GRADE : A=0; B=2; C=23; D=15; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 40 | 7 | 0 | 2.95 |
| Question 2 | 5 | Forces that affect the Earth | 40 | 5 | 0 | 1.48 |
| Question 3 | 11 | Map reading and interpretation | 40 | 9 | 0 | 2.83 |
| Question 4 | 11 | Statistics | 39 | 9.5 | 3.5 | 6.69 |
| Question 5 | 11 | Forces that affect the Earth, structure of the Earth | 39 | 8 | 0 | 3.55 |
| Question 6 | 11 | Research | 40 | 9 | 0 | 3.64 |
| Question 7 | 11 | Photograph reading and interpretation | 39 | 10 | 2.5 | 7.03 |
| Question 8 | 15 | Human population | 12 | 14 | 0 | 9.08 |
| Question 9 | 15 | Power and energy resources | 37 | 14 | 5 | 10.46 |
| Question 10 | 15 | Environment issue and management | 29 | 14 | 2 | 9.53 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 40 | 0 | 40 | 0 | 2.7000 | 12/50 | 2/9 | 12/50 |

GRADE : A=4; B=10; C=20; D=6; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 40 | 10 | 4 | 7.18 |
| Question 2 | 5 | Matching items | 40 | 5 | 3 | 4.70 |
| Question 3 | 5 | Passage (democracy) | 40 | 4 | 0 | 2.08 |
| Question 4 | 5 | Our nation | 40 | 5 | 0 | 3.24 |
| Question 5 | 5 | Culture | 40 | 5 | 0 | 3.50 |
| Question 6 | 5 | Culture | 39 | 2.5 | 0 | 1.53 |
| Question 7 | 5 | Globalization | 40 | 5 | 0 | 4.33 |
| Question 8 | 5 | Economic and social development | 40 | 5 | 0 | 3.48 |
| Question 9 | 5 | Poverty | 40 | 4 | 0 | 1.10 |
| Question 10 | 5 | Democracy | 40 | 4 | 0 | 2.08 |
| Question 11 | 15 | Culture | 40 | 14 | 5 | 9.40 |
| Question 12 | 15 | Poverty | 18 | 13 | 0 | 3.17 |
| Question 13 | 15 | Globalization | 34 | 14 | 0 | 9.82 |
| Question 14 | 15 | Human rights | 28 | 14 | 1 | 8.93 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI | 40 | 0 | 39 | 1 | 3.3750 | 22/50 | 2/9 | 22/50 |

GRADE : A=0; B=2; C=22; D=15; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Swali la machaguo | 40 | 8 | 2 | 5.48 |
| Question 2 | 5 | Kuoanisha kipengele A na B | 40 | 5 | 0 | 4.18 |
| Question 3 | 4 | Ngeli za nomino | 38 | 4 | 0 | 2.39 |
| Question 4 | 4 | Matumizi ya lugha | 39 | 4 | 0 | 1.38 |
| Question 5 | 8 | Mjengo wa tungo | 40 | 5 | 0 | 1.01 |
| Question 6 | 8 | Fasihi andishi (riwaya) | 40 | 6 | 0 | 3.33 |
| Question 7 | 8 | Ufahamu na barua | 40 | 7 | 0 | 4.48 |
| Question 8 | 8 | Uandishi wa barua | 39 | 7 | 0 | 4.03 |
| Question 9 | 15 | Maendeleo ya kiswahili | 39 | 14 | 0 | 9.97 |
| Question 10 | 15 | Fasihi andishi(ushairi) | 36 | 13 | 0 | 6.36 |
| Question 11 | 15 | Fasihi andishi(riwaya) | 7 | 6 | 0 | 0.86 |

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|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 12 | 15 | Fasihi andishi(tamthilia) | 35 | 13 | 0 | 7.13 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 40 | 0 | 40 | 0 | 3.0000 | 24/50 | 4/9 | 24/50 |

GRADE : A=1; B=4; C=29; D=6; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choice | 40 | 9 | 3 | 6.70 |
| Question 2 | 5 | Matching items | 40 | 5 | 0 | 2.08 |
| Question 3 | 4 | Arrangement of sentences | 40 | 4 | 0 | 2.03 |
| Question 4 | 4 | The use of pronouns (possessive pronouns) | 40 | 4 | 1 | 3.88 |
| Question 5 | 8 | Conjunctions | 39 | 8 | 0 | 4.41 |
| Question 6 | 8 | Verb (auxiliary verb 'DO') | 40 | 8 | 0 | 2.10 |
| Question 7 | 8 | Structure | 40 | 6 | 0 | 1.90 |
| Question 8 | 8 | Reported speech | 37 | 8 | 0 | 2.45 |
| Question 9 | 15 | Composition | 38 | 14 | 2 | 9.21 |
| Question 10 | 15 | Poetry | 12 | 12 | 5 | 8.75 |
| Question 11 | 15 | Plays | 32 | 14 | 0 | 7.63 |
| Question 12 | 15 | Novels | 37 | 14 | 5 | 11.58 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 40 | 0 | 28 | 12 | 4.2000 | 27/50 | 6/9 | 27/50 |

GRADE : A=0; B=0; C=4; D=24; F=12;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 40 | 10 | 2 | 5.43 |
| Question 2 | 5 | Matching items | 40 | 4 | 0 | 2.15 |
| Question 3 | 12 | Short answers | 40 | 5.5 | 0 | 2.11 |
| Question 4 | 12 | Arranging sentences | 40 | 8 | 0 | 2.60 |
| Question 5 | 11 | Map question | 39 | 7 | 0 | 3.47 |
| Question 6 | 15 | Nationalism and decolonization | 37 | 9 | 1 | 4.77 |
| Question 7 | 15 | Economic activities and their impact | 40 | 13.5 | 4 | 9.75 |
| Question 8 | 15 | Colonial economy | 20 | 14 | 0 | 7.98 |
| Question 9 | 15 | Changes in social, political and economic policies | 23 | 11 | 0 | 1.65 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 40 | 0 | 16 | 24 | 4.4750 | 21/50 | 3/9 | 21/50 |

GRADE : A=0; B=0; C=5; D=11; F=24;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Approximations and numbers | 40 | 6 | 0 | 4.68 |
| Question 2 | 6 | Exponents, radicals and logarithms | 40 | 5.5 | 0 | 1.36 |
| Question 3 | 6 | Sets and logarithms | 40 | 3 | 0 | 0.51 |
| Question 4 | 6 | Coordinate geometry and vectors | 40 | 6 | 0 | 0.93 |
| Question 5 | 6 | Areas and perimeters | 40 | 6 | 0 | 2.40 |
| Question 6 | 6 | Rates and perimeters | 40 | 6 | 1 | 4.08 |
| Question 7 | 6 | Ratio, profit and loss, accounts | 40 | 4 | 0 | 0.80 |
| Question 8 | 6 | Sequence and series | 40 | 2 | 0 | 0.18 |
| Question 9 | 6 | Trigonometry | 40 | 3 | 0 | 0.45 |
| Question 10 | 6 | Quadratic equation | 40 | 6 | 0 | 0.69 |
| Question 11 | 10 | Circles and statistics | 40 | 10 | 0 | 4.33 |
| Question 12 | 10 | Three dimensional figures and Earth as sphere | 40 | 8 | 0 | 3.15 |
| Question 13 | 10 | Matrices and transformation | 40 | 9 | 0 | 3.93 |
| Question 14 | 10 | Linear programming and functions | 40 | 10 | 0 | 1.75 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIBLE KNOWLEDGE | 40 | 0 | 38 | 2 | 3.3250 | 14/28 | 3/6 | 14/28 |

GRADE : A=0; B=0; C=29; D=9; F=2;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 20 | Multiple choices | 40 | 13 | 6 | 8.90 |
| Question 2 | 5 | Matching items | 40 | 5 | 0 | 2.90 |
| Question 3 | 9 | Genesis | 40 | 8 | 2 | 5.13 |
| Question 4 | 9 | Acts of apostles | 39 | 9 | 0 | 4.31 |
| Question 5 | 9 | Mathew | 2 | 3 | 1 | 2.00 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|---------------|--------------|-------------------------------------|-----------------------|----------------------|---------------------|----------------------|
| Question 6 | 9 | Mathew | 6 | 5 | 0 | 1.83 |
| Question 7 | 9 | Luke | 34 | 8 | 0 | 4.76 |
| Question 8 | 9 | Luke | 40 | 9 | 3 | 6.90 |
| Question 9 | 9 | Luke | 34 | 6 | 0 | 2.38 |
| Question 10 | 9 | Luke | 2 | 5 | 4 | 4.50 |
| Question 11 | 15 | Genesis | 38 | 14 | 0 | 7.64 |
| Question 12 | 15 | Joshua | 7 | 9 | 2 | 4.86 |
| Question 13 | 15 | Acts of apostles | 31 | 14 | 0 | 8.42 |