



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE
FORM FOUR PRE NATIONAL EXAMINATIONS 2021**

**TENGERU BOYS SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 90 | 0 | 88 | 2 | 3.4889 | 8/94 | 2/29 | 2/17 |

GRADE : A=0; B=1; C=46; D=41; F=2;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|-------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 90 | 9 | 2 | 5.47 |
| Question 2 | 5 | Matching items | 90 | 5 | 2 | 3.86 |
| Question 3 | 10 | Friction | 90 | 10 | 0 | 3.80 |
| Question 4 | 10 | Equilibrium, relative density | 90 | 8 | 0 | 1.62 |
| Question 5 | 10 | Optical instruments, censes | 88 | 10 | 0 | 2.36 |
| Question 6 | 10 | Temperature and thermometer | 90 | 8 | 0 | 2.20 |
| Question 7 | 10 | Magnetism | 90 | 8 | 0 | 1.87 |
| Question 8 | 10 | Expansion of solid (thermal) | 90 | 8 | 0 | 4.26 |
| Question 9 | 12.5 | Waves | 11 | 9 | 0 | 3.41 |
| Question 10 | 12.5 | Archmedes, law of flotation | 86 | 12.5 | 1 | 8.40 |
| Question 11 | 12.5 | Radioactivity | 83 | 12.5 | 1 | 9.33 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Mechanics | 90 | 21 | 3 | 11.10 |
| Question 2 | 25 | Electrics current | 90 | 22 | 2.5 | 14.94 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 91 | 0 | 91 | 0 | 1.5385 | 1/97 | 1/30 | 1/17 |

GRADE : A=52; B=29; C=10; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 91 | 10 | 3 | 7.49 |
| Question 2 | 5 | Atomic structure | 91 | 5 | 1 | 3.40 |
| Question 3 | 7 | Formula. bonding and nomeclature, mole concept | 91 | 7 | 0 | 4.41 |
| Question 4 | 7 | Salts (action of heat on salts), hardness of water | 91 | 7 | 0 | 4.79 |
| Question 5 | 7 | Chemical kinetic and equilibrium | 91 | 7 | 4 | 6.38 |
| Question 6 | 7 | Non-metal and their compounds | 91 | 7 | 2 | 6.60 |
| Question 7 | 7 | Ionic theory and electrolysis, atomic structure | 91 | 6 | 0.5 | 3.21 |
| Question 8 | 7 | Organic chemistry | 91 | 7 | 0 | 3.34 |
| Question 9 | 7 | Acids, base and salts | 91 | 7 | 0 | 3.32 |
| Question 10 | 7 | Soil chemistry, pollution (acidic rain) | 88 | 7 | 0 | 4.35 |
| Question 11 | 7 | Separation of mixtures, fuels and energy (biogas plant) | 90 | 7 | 1.5 | 2.91 |
| Question 12 | 7 | Hydrogen (preparation) | 91 | 7 | 0 | 5.65 |
| Question 13 | 15 | Extraction of metals | 0 | 0 | 0 | 0.00 |
| Question 14 | 15 | Pollution | 91 | 15 | 2.5 | 12.52 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | | 91 | 25 | 10.5 | 20.32 |
| Question 2 | 25 | | 91 | 25 | 17 | 23.81 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 125 | 0 | 125 | 0 | 1.2720 | 2/97 | 2/30 | 2/17 |

GRADE : A=96; B=24; C=5; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 125 | 10 | 3 | 8.57 |
| Question 2 | 5 | Movement | 125 | 5 | 2 | 4.71 |
| Question 3 | 6 | Introduction to biology | 125 | 6 | 1 | 3.78 |
| Question 4 | 6 | Safety in our environment | 125 | 6 | 2 | 5.64 |
| Question 5 | 6 | Safety in our environment | 125 | 6 | 1.5 | 3.66 |
| Question 6 | 6 | Transport of material in living things | 125 | 6 | 0 | 4.42 |
| Question 7 | 6 | Cell structure and organization | 125 | 6 | 0 | 4.21 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| Question 8 | 6 | Classification of living things | 125 | 6 | 3 | 5.93 |
| Question 9 | 6 | Gaseous exchange, HIV/AIDS, STS's and STD's | 125 | 6 | 3 | 5.29 |
| Question 10 | 6 | Balance of nature | 125 | 6 | 3 | 5.83 |
| Question 11 | 6 | Movement | 125 | 6 | 2 | 4.53 |
| Question 12 | 6 | Reproduction, coordination | 123 | 6 | 0 | 5.09 |
| Question 13 | 15 | Nutrition | 124 | 15 | 3.5 | 10.04 |
| Question 14 | 10 | Genetics | 71 | 10 | 2 | 8.03 |
| Question 15 | 10 | Organic evolution | 59 | 10 | 1 | 7.16 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Nutrition | 125 | 25 | 7.5 | 19.02 |
| Question 2 | 25 | Classification of living things | 125 | 24.5 | 5.165 | 19.83 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 124 | 0 | 124 | 0 | 1.7984 | 1/97 | 1/30 | 1/17 |

GRADE : A=56; B=39; C=27; D=2; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 124 | 10 | 1 | 6.07 |
| Question 2 | 5 | Matching items | 124 | 5 | 0 | 3.73 |
| Question 3 | 11 | Map reading and interpretation | 124 | 11 | 1.5 | 7.29 |
| Question 4 | 11 | Statistics | 124 | 11 | 0 | 6.74 |
| Question 5 | 11 | Survey | 124 | 11 | 0 | 3.98 |
| Question 6 | 11 | Research | 124 | 11 | 0 | 8.11 |
| Question 7 | 11 | Photograph reading and interpretation | 124 | 11 | 3 | 8.77 |
| Question 8 | 15 | Population | 93 | 15 | 2 | 13.27 |
| Question 9 | 15 | Agriculture | 92 | 15 | 8 | 13.73 |
| Question 10 | 15 | Solar system | 64 | 15 | 6.5 | 11.46 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 124 | 0 | 124 | 0 | 1.2339 | 4/97 | 4/30 | 3/17 |

GRADE : A=98; B=23; C=3; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 124 | 9 | 2 | 6.77 |
| Question 2 | 5 | Matching items | 124 | 5 | 1 | 3.65 |
| Question 3 | 5 | Economic and social development | 122 | 5 | 1.5 | 3.70 |
| Question 4 | 5 | Globalization | 122 | 5 | 0 | 3.87 |
| Question 5 | 5 | Culture | 121 | 5 | 0 | 3.75 |
| Question 6 | 5 | Culture | 124 | 5 | 2 | 3.84 |
| Question 7 | 5 | Citizenship | 124 | 5 | 3 | 4.85 |
| Question 8 | 5 | Proper behavior and decision making | 124 | 5 | 2 | 4.73 |
| Question 9 | 5 | Life skills | 124 | 5 | 2 | 4.88 |
| Question 10 | 5 | Culture | 124 | 5 | 2.5 | 4.92 |
| Question 11 | 15 | Culture, contemporary issues | 109 | 15 | 7.5 | 11.41 |
| Question 12 | 15 | Contemporary , cross cutting issues | 104 | 14.5 | 0 | 11.60 |
| Question 13 | 15 | Culture | 53 | 15 | 5 | 9.55 |
| Question 14 | 15 | Government | 98 | 15 | 5 | 12.82 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI | 125 | 0 | 125 | 0 | 2.1840 | 4/97 | 3/30 | 2/17 |

GRADE : A=17; B=69; C=38; D=1; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Kuchagua | 125 | 9 | 2 | 5.96 |
| Question 2 | 5 | Kuoanisha | 125 | 5 | 1 | 4.34 |
| Question 3 | 4 | Sarufi | 125 | 4 | 0 | 2.61 |
| Question 4 | 4 | Mjengo wa tungo | 125 | 4 | 0 | 3.58 |
| Question 5 | 8 | Utunzi wa lugha katika miktadha mbalimbali | 125 | 8 | 0 | 7.18 |
| Question 6 | 8 | Historia ya maendeleo ya lugha ya kiswahili | 124 | 8 | 0 | 6.48 |
| Question 7 | 8 | Fasihi kwa ujumla | 124 | 8 | 0 | 2.47 |
| Question 8 | 8 | Ufahamu na ufupisho | 124 | 8 | 1 | 3.86 |
| Question 9 | 15 | Uandishi | 111 | 14 | 5 | 9.24 |
| Question 10 | 15 | Uhakiki wa kazi za fasihi andishi | 122 | 14 | 5.5 | 12.15 |
| Question 11 | 15 | Uhakiki wa kazi za fasihi andishi - tamthiliya | 90 | 14 | 2 | 10.00 |
| Question 12 | 15 | Utungaji wa kazi za fasihi simulizi | 53 | 15 | 2 | 10.06 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 125 | 0 | 125 | 0 | 1.1040 | 1/97 | 1/30 | 1/17 |

GRADE : A=113; B=11; C=1; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 125 | 10 | 5 | 9.24 |
| Question 2 | 5 | Matching items | 125 | 5 | 4 | 4.87 |
| Question 3 | 5 | Factual and non factual information | 125 | 5 | 3 | 4.78 |
| Question 4 | 5 | Language use | 125 | 5 | 0 | 4.01 |
| Question 5 | 5 | Language use | 125 | 5 | 0 | 3.94 |
| Question 6 | 8 | Directions, preposition of place | 125 | 8 | 5 | 7.88 |
| Question 7 | 7 | Family tree | 125 | 7 | 2 | 4.06 |
| Question 8 | 10 | Decoration | 125 | 10 | 0 | 7.60 |
| Question 9 | 15 | Composition, writing skills | 49 | 14 | 0 | 10.21 |
| Question 10 | 15 | Literary works | 115 | 15 | 6 | 12.67 |
| Question 11 | 15 | Literary works | 118 | 15 | 6 | 12.28 |
| Question 12 | 15 | Literary works | 92 | 15 | 0 | 11.08 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 125 | 0 | 125 | 0 | 1.7680 | 1/96 | 1/29 | 1/16 |

GRADE : A=51; B=52; C=22; D=0; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 125 | 14 | 3 | 10.41 |
| Question 2 | 5 | Matching items | 125 | 5 | 1 | 3.87 |
| Question 3 | 12 | Short notes | 125 | 12 | 4 | 9.68 |
| Question 4 | 12 | Establishment of colonialism | 125 | 12 | 0 | 3.57 |
| Question 5 | 11 | Sketch map | 125 | 11 | 0.5 | 6.69 |
| Question 6 | 15 | Social and political organization | 123 | 15 | 2 | 13.57 |
| Question 7 | 15 | Nationalism and decolonization process | 79 | 14 | 6 | 13.32 |
| Question 8 | 15 | Colonial economy | 96 | 14.5 | 5 | 13.24 |
| Question 9 | 15 | Africa in the international affairs | 75 | 14.5 | 1 | 9.60 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| COMMERCE | 34 | 0 | 34 | 0 | 2.7353 | 5/48 | 3/14 | 3/10 |

GRADE : A=3; B=6; C=22; D=3; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 34 | 14 | 3 | 9.47 |
| Question 2 | 5 | Matching items | 34 | 5 | 3 | 4.79 |
| Question 3 | 10 | Communication | 34 | 8 | 2 | 4.74 |
| Question 4 | 10 | Business unit | 34 | 10 | 0 | 6.00 |
| Question 5 | 10 | Entrepreneurship, taxation | 34 | 10 | 4.5 | 8.51 |
| Question 6 | 10 | Insurance | 33 | 10 | 0 | 6.80 |
| Question 7 | 10 | Various topics (definitions) | 34 | 8 | 3 | 5.88 |
| Question 8 | 15 | Entrepreneurship, home trade | 9 | 8 | 0 | 3.11 |
| Question 9 | 15 | International trade, production | 25 | 13 | 4 | 10.82 |
| Question 10 | 15 | International trade, home trade | 34 | 10 | 0 | 5.32 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 124 | 0 | 111 | 13 | 3.1452 | 4/97 | 3/30 | 2/17 |

GRADE : A=9; B=27; C=38; D=37; F=13;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Decimal and percentage, number system | 124 | 6 | 0 | 3.32 |
| Question 2 | 6 | Exponents and radicals, logarithms | 124 | 6 | 0 | 1.40 |
| Question 3 | 6 | Probability, sets | 124 | 5.5 | 0 | 1.43 |
| Question 4 | 6 | Coordinate geometry, vectors | 124 | 6 | 0 | 3.15 |
| Question 5 | 6 | Areas and perimeters, similarities | 124 | 6 | 0 | 3.87 |
| Question 6 | 6 | Rate and variations | 124 | 6 | 0 | 4.60 |
| Question 7 | 6 | Accounts, ratio, profit and loss | 124 | 6 | 0 | 3.30 |
| Question 8 | 6 | Sequence and series | 124 | 6 | 0 | 2.67 |
| Question 9 | 6 | Trigonometry, pythagoras | 124 | 6 | 0 | 1.10 |
| Question 10 | 6 | Quadratic equations | 124 | 6 | 0 | 2.50 |
| Question 11 | 10 | Statistics, circle | 124 | 10 | 0 | 6.47 |
| Question 12 | 10 | Earths as sphere, three dimension | 124 | 10 | 0 | 6.90 |
| Question 13 | 10 | Matrix and transformation | 122 | 10 | 0 | 5.37 |
| Question 14 | 10 | Function, linear programming | 122 | 10 | 0 | 4.23 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BOOK KEEPING | 34 | 0 | 34 | 0 | 2.5000 | 2/48 | 2/14 | 2/10 |

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

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Petty cash, government A/C, departmental A/C | 34 | 13 | 4 | 10.50 |
| Question 2 | 10 | Auditing A/C | 34 | 8 | 1 | 3.26 |
| Question 3 | 10 | Departmental A/C, trial balance, introduction to book keeping | 34 | 10 | 2 | 6.97 |
| Question 4 | 10 | Financial statement | 34 | 10 | 0 | 7.12 |
| Question 5 | 10 | Introduction to book keeping, joint venture, columnar cash book | 34 | 10 | 2 | 7.56 |
| Question 6 | 10 | Bank reconciliation | 34 | 10 | 0 | 8.00 |
| Question 7 | 20 | Joint venture A/C | 34 | 20 | 2 | 13.00 |
| Question 8 | 20 | Depreciation of fixed asset | 23 | 10.8 | 1.5 | 5.94 |
| Question 9 | 20 | Partnership A/C | 11 | 8.4 | 5.67 | 6.66 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIBLE KNOWLEDGE | 125 | 0 | 125 | 0 | 1.6160 | 4/54 | 3/24 | 3/15 |

GRADE : A=70; B=34; C=20; D=1; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 20 | Various topics | 125 | 20 | 8 | 15.26 |
| Question 2 | 5 | Israel patriarchs and Paul missionary journey | 125 | 5 | 2 | 4.33 |
| Question 3 | 9 | Life of Jacob | 124 | 9 | 1 | 6.71 |
| Question 4 | 9 | Jerusalem council | 118 | 9 | 2 | 7.44 |
| Question 5 | 9 | The roles of Angels in Jesus' mission | 51 | 9 | 0 | 8.35 |
| Question 6 | 9 | Jesus mission in Galilee | 100 | 9 | 5 | 6.72 |
| Question 7 | 9 | Senvions of the mountains | 77 | 9 | 1 | 5.70 |
| Question 8 | 9 | Jesus transfiguration | 46 | 9 | 4 | 7.85 |
| Question 9 | 9 | Parables of the kingdom | 25 | 9 | 1 | 6.40 |
| Question 10 | 9 | Jesus resurrection | 80 | 8 | 4 | 6.81 |
| Question 11 | 15 | Paul's missionary journey | 120 | 15 | 5 | 13.92 |
| Question 12 | 15 | Israel under the leadership of Joshua and Judges | 114 | 13 | 0 | 6.53 |
| Question 13 | 15 | Israel under the leadership of Joshua and Judges | 7 | 12 | 6 | 9.57 |