



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

**OLALENI SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 56 | 0 | 46 | 10 | 3.8393 | 24/94 | 16/59 | 13/33 |

GRADE : A=0; B=1; C=17; D=28; F=10;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|-------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Multiple choices | 56 | 7 | 1 | 4.43 |
| Question 2 | 5 | Matching items | 56 | 5 | 1 | 3.23 |
| Question 3 | 10 | Friction | 56 | 7 | 0 | 2.39 |
| Question 4 | 10 | Equilibrium, relative density | 56 | 8 | 0 | 3.07 |
| Question 5 | 10 | Optical instruments, censes | 55 | 7.5 | 0 | 2.63 |
| Question 6 | 10 | Temperature and thermometer | 56 | 9 | 0 | 2.31 |
| Question 7 | 10 | Magnetism | 56 | 8.5 | 0 | 3.29 |
| Question 8 | 10 | Expansion of solid (thermal) | 56 | 10 | 0 | 4.77 |
| Question 9 | 12.5 | Waves | 26 | 8 | 0 | 1.62 |
| Question 10 | 12.5 | Archmedes, law of flotation | 41 | 12 | 0 | 3.09 |
| Question 11 | 12.5 | Radioactivity | 45 | 12.5 | 1 | 8.09 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Mechanics | 56 | 20 | 2 | 11.11 |
| Question 2 | 25 | Electrics current | 56 | 24 | 2 | 12.88 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 60 | 0 | 60 | 0 | 2.9333 | 23/97 | 15/60 | 11/33 |

GRADE : A=5; B=8; C=33; 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 | 60 | 9 | 1 | 5.25 |
| Question 2 | 5 | Atomic structure | 60 | 5 | 0 | 2.33 |
| Question 3 | 7 | Formula. bonding and nomeclature, mole concept | 60 | 7 | 0 | 3.03 |
| Question 4 | 7 | Salts (action of heat on salts), hardness of water | 59 | 6 | 0 | 1.81 |
| Question 5 | 7 | Chemical kinetic and equilibrium | 60 | 7 | 0 | 3.52 |
| Question 6 | 7 | Non-metal and their compounds | 57 | 7 | 0 | 2.83 |
| Question 7 | 7 | Ionic theory and electrolysis, atomic structure | 60 | 6.5 | 0 | 2.33 |
| Question 8 | 7 | Organic chemistry | 59 | 4 | 0 | 0.31 |
| Question 9 | 7 | Acids, base and salts | 60 | 7 | 0 | 1.42 |
| Question 10 | 7 | Soil chemistry, pollution (acidic rain) | 60 | 7 | 0 | 4.17 |
| Question 11 | 7 | Separation of mixtures, fuels and energy (biogas plant) | 59 | 7 | 0 | 2.44 |
| Question 12 | 7 | Hydrogen (preparation) | 58 | 7 | 0 | 4.33 |
| Question 13 | 15 | Extraction of metals | 14 | 11.5 | 3 | 6.93 |
| Question 14 | 15 | Pollution | 52 | 15 | 0 | 10.63 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | | 60 | 24 | 7 | 16.31 |
| Question 2 | 25 | | 60 | 25 | 6 | 20.45 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 126 | 0 | 125 | 1 | 3.0238 | 47/97 | 31/60 | 19/33 |

GRADE : A=8; B=19; C=62; D=36; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 126 | 10 | 2 | 5.88 |
| Question 2 | 5 | Movement | 126 | 5 | 0 | 2.40 |
| Question 3 | 6 | Introduction to biology | 126 | 6 | 0 | 3.27 |
| Question 4 | 6 | Safety in our environment | 126 | 6 | 0 | 4.04 |
| Question 5 | 6 | Safety in our environment | 125 | 6 | 0 | 2.28 |
| Question 6 | 6 | Transport of material in living things | 113 | 6 | 0 | 1.52 |
| Question 7 | 6 | Cell structure and organization | 125 | 6 | 0 | 2.99 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| Question 8 | 6 | Classification of living things | 122 | 6 | 0 | 4.04 |
| Question 9 | 6 | Gaseous exchange, HIV/AIDS, STS's and STD's | 126 | 6 | 0.5 | 4.31 |
| Question 10 | 6 | Balance of nature | 126 | 6 | 0 | 4.98 |
| Question 11 | 6 | Movement | 107 | 6 | 0 | 0.75 |
| Question 12 | 6 | Reproduction, coordination | 110 | 6 | 0 | 1.73 |
| Question 13 | 15 | Nutrition | 126 | 15 | 0 | 6.50 |
| Question 14 | 10 | Genetics | 49 | 10 | 0 | 2.33 |
| Question 15 | 10 | Organic evolution | 72 | 9.5 | 0 | 4.15 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Nutrition | 126 | 23.5 | 4 | 15.42 |
| Question 2 | 25 | Classification of living things | 126 | 24 | 9 | 17.83 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 126 | 0 | 122 | 4 | 2.9921 | 29/97 | 18/60 | 11/33 |

GRADE : A=12; B=17; C=61; D=32; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 126 | 9 | 1 | 3.56 |
| Question 2 | 5 | Matching items | 126 | 5 | 0 | 1.40 |
| Question 3 | 11 | Map reading and interpretation | 126 | 11 | 0.5 | 6.46 |
| Question 4 | 11 | Statistics | 126 | 11 | 0 | 6.86 |
| Question 5 | 11 | Survey | 120 | 10 | 0 | 2.38 |
| Question 6 | 11 | Research | 125 | 11 | 0 | 6.95 |
| Question 7 | 11 | Photograph reading and interpretation | 126 | 11 | 1 | 6.00 |
| Question 8 | 15 | Population | 72 | 15 | 0.5 | 10.34 |
| Question 9 | 15 | Agriculture | 117 | 15 | 4.5 | 11.32 |
| Question 10 | 15 | Solar system | 63 | 12 | 0 | 7.37 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 126 | 0 | 125 | 1 | 2.1270 | 33/97 | 18/60 | 12/33 |

GRADE : A=28; B=58; C=37; D=2; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 126 | 9 | 3 | 5.70 |
| Question 2 | 5 | Matching items | 126 | 5 | 0 | 1.81 |
| Question 3 | 5 | Economic and social development | 123 | 5 | 0 | 2.57 |
| Question 4 | 5 | Globalization | 112 | 5 | 0 | 2.26 |
| Question 5 | 5 | Culture | 121 | 5 | 0 | 3.66 |
| Question 6 | 5 | Culture | 126 | 5 | 0 | 3.70 |
| Question 7 | 5 | Citizenship | 124 | 5 | 0 | 4.41 |
| Question 8 | 5 | Proper behavior and decision making | 125 | 5 | 2 | 4.45 |
| Question 9 | 5 | Life skills | 126 | 5 | 0 | 4.44 |
| Question 10 | 5 | Culture | 126 | 5 | 0 | 4.01 |
| Question 11 | 15 | Culture, contemporary issues | 102 | 13.5 | 0 | 9.23 |
| Question 12 | 15 | Contemporary , cross cutting issues | 101 | 15 | 4.5 | 11.69 |
| Question 13 | 15 | Culture | 80 | 13 | 1 | 7.77 |
| Question 14 | 15 | Government | 87 | 15 | 6 | 12.63 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| LITERATURE IN ENGLISH | 125 | 0 | 125 | 0 | 2.1040 | 7/36 | 6/27 | 5/24 |

GRADE : A=34; B=46; C=43; D=2; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|----------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Theory of literature | 125 | 10 | 2 | 7.16 |
| Question 2 | 5 | Theory of literature | 125 | 5 | 1 | 3.06 |
| Question 3 | 10 | Theory of literature | 124 | 10 | 5 | 8.62 |
| Question 4 | 10 | Theory of literature | 123 | 10 | 0 | 5.85 |
| Question 5 | 10 | Theory of literature | 124 | 10 | 0 | 6.46 |
| Question 6 | 10 | Theory of literature | 122 | 10 | 0 | 5.03 |
| Question 7 | 15 | Analysis of play | 105 | 14.5 | 3 | 10.25 |
| Question 8 | 15 | Analysis/interpretation of play | 56 | 15 | 0 | 9.00 |
| Question 9 | 15 | Analysis/interpretation of novel | 110 | 13 | 0 | 9.81 |
| Question 10 | 15 | Interpretation of poems | 102 | 15 | 4 | 11.99 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
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|------------------|-----|---|-----|---|--------|-------|-------|-------|
| KISWAHILI | 126 | 0 | 126 | 0 | 3.1270 | 32/97 | 19/60 | 11/33 |
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GRADE : A=3; B=8; C=85; D=30; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Kuchagua | 126 | 7 | 1 | 3.56 |
| Question 2 | 5 | Kuoanisha | 126 | 5 | 0 | 2.29 |
| Question 3 | 4 | Sarufi | 125 | 4 | 0 | 1.21 |
| Question 4 | 4 | Mjengo wa tungo | 121 | 4 | 0 | 1.18 |
| Question 5 | 8 | Utunzi wa lugha katika miktadha mbalimbali | 125 | 8 | 4 | 7.78 |
| Question 6 | 8 | Historia ya maendeleo ya lugha ya kiswahili | 123 | 8 | 0 | 4.42 |
| Question 7 | 8 | Fasihi kwa ujumla | 123 | 8 | 0 | 2.72 |
| Question 8 | 8 | Ufahamu na ufupisho | 125 | 6 | 0 | 2.04 |
| Question 9 | 15 | Uandishi | 82 | 12 | 0 | 5.70 |
| Question 10 | 15 | Uhakiki wa kazi za fasihi andishi | 126 | 15 | 5 | 11.67 |
| Question 11 | 15 | Uhakiki wa kazi za fasihi andishi - tamthiliya | 118 | 14 | 1 | 10.05 |
| Question 12 | 15 | Utungaji wa kazi za fasihi simulizi | 47 | 14 | 0 | 3.72 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|-------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 126 | 0 | 126 | 0 | 2.3333 | 36/97 | 22/60 | 11/33 |

GRADE : A=23; B=45; C=51; D=7; F=0;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choices | 125 | 10 | 1 | 6.48 |
| Question 2 | 5 | Matching items | 126 | 5 | 0 | 3.78 |
| Question 3 | 5 | Factual and non factual information | 126 | 5 | 0 | 3.95 |
| Question 4 | 5 | Language use | 122 | 5 | 0 | 2.97 |
| Question 5 | 5 | Language use | 117 | 5 | 0 | 3.15 |
| Question 6 | 8 | Directions, preposition of place | 125 | 8 | 0 | 4.50 |
| Question 7 | 7 | Family tree | 124 | 7 | 0 | 2.49 |
| Question 8 | 10 | Decoration | 125 | 10 | 0 | 6.98 |
| Question 9 | 15 | Composition, writing skills | 50 | 15 | 1 | 8.94 |
| Question 10 | 15 | Literary works | 111 | 15 | 5 | 11.02 |
| Question 11 | 15 | Literary works | 114 | 15 | 2 | 10.27 |
| Question 12 | 15 | Literary works | 105 | 15 | 1 | 9.75 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 126 | 0 | 124 | 2 | 3.0952 | 20/96 | 12/60 | 7/33 |

GRADE : A=3; B=14; C=79; D=28; F=2;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 126 | 12 | 2 | 7.85 |
| Question 2 | 5 | Matching items | 126 | 5 | 0 | 2.02 |
| Question 3 | 12 | Short notes | 126 | 12 | 0 | 5.10 |
| Question 4 | 12 | Establishment of colonialism | 126 | 8 | 0 | 1.53 |
| Question 5 | 11 | Sketch map | 125 | 11 | 0 | 3.68 |
| Question 6 | 15 | Social and political organization | 122 | 15 | 0 | 11.00 |
| Question 7 | 15 | Nationalism and decolonization process | 10 | 14 | 3 | 9.05 |
| Question 8 | 15 | Colonial economy | 126 | 15 | 4 | 12.53 |
| Question 9 | 15 | Africa in the international affairs | 116 | 15 | 0 | 9.06 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| COMMERCE | 20 | 0 | 18 | 2 | 3.1500 | 13/48 | 7/33 | 4/17 |

GRADE : A=0; B=5; C=9; D=4; F=2;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 15 | Multiple choices | 20 | 13 | 3 | 7.55 |
| Question 2 | 5 | Matching items | 20 | 5 | 1 | 4.00 |
| Question 3 | 10 | Communication | 20 | 8 | 0 | 3.90 |
| Question 4 | 10 | Business unit | 20 | 10 | 0 | 6.90 |
| Question 5 | 10 | Entrepreneurship, taxation | 20 | 8.5 | 5 | 6.55 |
| Question 6 | 10 | Insurance | 20 | 10 | 0 | 3.43 |
| Question 7 | 10 | Various topics (definitions) | 20 | 8 | 0 | 5.25 |
| Question 8 | 15 | Entrepreneurship, home trade | 9 | 8 | 0 | 0.89 |
| Question 9 | 15 | International trade, production | 11 | 11.5 | 0 | 6.64 |
| Question 10 | 15 | International trade, home trade | 20 | 12.5 | 0 | 8.45 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|-----|----------------|------------|----------------|
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| BASIC MATHEMATICS | 126 | 0 | 42 | 84 | 4.5317 | 31/97 | 19/60 | 12/33 |
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GRADE : A=2; B=2; C=7; D=31; F=84;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Decimal and percentage, number system | 126 | 6 | 0 | 3.39 |
| Question 2 | 6 | Exponents and radicals, logarithms | 126 | 6 | 0 | 0.71 |
| Question 3 | 6 | Probability, sets | 126 | 5.5 | 0 | 0.87 |
| Question 4 | 6 | Coordinate geometry, vectors | 126 | 6 | 0 | 2.57 |
| Question 5 | 6 | Areas and perimeters, similarities | 126 | 6 | 0 | 1.32 |
| Question 6 | 6 | Rate and variations | 126 | 6 | 0 | 2.71 |
| Question 7 | 6 | Accounts, ratio, profit and loss | 126 | 6 | 0 | 2.38 |
| Question 8 | 6 | Sequence and series | 126 | 5.5 | 0 | 1.42 |
| Question 9 | 6 | Trigonometry, pythagoras | 126 | 6 | 0 | 0.77 |
| Question 10 | 6 | Quadratic equations | 126 | 6 | 0 | 0.64 |
| Question 11 | 10 | Statistics, circle | 126 | 8 | 0 | 1.66 |
| Question 12 | 10 | Earths as sphere, three dimension | 126 | 9.5 | 0 | 2.02 |
| Question 13 | 10 | Matrix and transformation | 126 | 10 | 0 | 1.84 |
| Question 14 | 10 | Function, linear programing | 121 | 10 | 0 | 0.77 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BOOK KEEPING | 20 | 0 | 20 | 0 | 3.3000 | 15/48 | 9/33 | 6/17 |

GRADE : A=1; B=1; C=9; D=9; 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 | 20 | 12 | 5 | 7.65 |
| Question 2 | 10 | Auditing A/C | 20 | 4 | 1 | 1.95 |
| Question 3 | 10 | Departmental A/C, trial balance, introduction to book keeping | 20 | 10 | 2 | 6.65 |
| Question 4 | 10 | Financial statement | 20 | 10 | 0 | 5.74 |
| Question 5 | 10 | Introduction to book keeping, joint venture, columnar cash book | 20 | 9 | 0 | 5.95 |
| Question 6 | 10 | Bank reconciliation | 19 | 10 | 1 | 6.63 |
| Question 7 | 20 | Joint venture A/C | 20 | 19 | 0 | 11.40 |
| Question 8 | 20 | Depreciation of fixed asset | 7 | 6.9 | 1.2 | 3.40 |
| Question 9 | 20 | Partnership A/C | 13 | 10.8 | 0 | 5.34 |