



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

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

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS      | 7      | 0        | 2      | 5      | 4.7143 | 67/94          | 23/29      | 15/17          |

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

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION  | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|-------------------------------|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |                               |                |               |              |               |
| Question 1     | 10    | Multiple choices              | 7              | 9             | 3            | 4.29          |
| Question 2     | 5     | Matching items                | 7              | 5             | 0            | 3.00          |
| Question 3     | 10    | Friction                      | 7              | 3             | 0            | 1.29          |
| Question 4     | 10    | Equilibrium, relative density | 6              | 2             | 0            | 0.33          |
| Question 5     | 10    | Optical instruments, censes   | 7              | 4             | 0            | 1.71          |
| Question 6     | 10    | Temperature and thermometer   | 7              | 2             | 0            | 1.29          |
| Question 7     | 10    | Magnetism                     | 7              | 7.5           | 1            | 4.00          |
| Question 8     | 10    | Expansion of solid (thermal)  | 7              | 6.5           | 0            | 3.00          |
| Question 9     | 12.5  | Waves                         | 4              | 4.5           | 1            | 3.00          |
| Question 10    | 12.5  | Archmedes, law of flotation   | 6              | 4             | 2            | 3.08          |
| Question 11    | 12.5  | Radioactivity                 | 3              | 10            | 0            | 6.00          |
| <b>PAPER 2</b> |       |                               |                |               |              |               |
| Question 1     | 25    | Mechanics                     | 7              | 11.5          | 0            | 4.79          |
| Question 2     | 25    | Electrics current             | 7              | 2             | 0            | 1.14          |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY    | 10     | 0        | 9      | 1      | 3.7000 | 57/97          | 20/30      | 17/17          |

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

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION                            | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |   |                |               |              |               |
| Question 1     | 10    | Multiple choices  | 10             | 8             | 1            | 3.80          |
| Question 2     | 5     | Atomic structure  | 10             | 4             | 1            | 1.70          |
| Question 3     | 7     | Formula. bonding and nomeclature, mole concept          | 10             | 4             | 0            | 1.30          |
| Question 4     | 7     | Salts (action of heat on salts), hardness of water      | 8              | 4             | 1            | 2.25          |
| Question 5     | 7     | Chemical kinetic and equilibrium                        | 10             | 7             | 0            | 3.80          |
| Question 6     | 7     | Non-metal and their compounds                           | 10             | 7             | 0            | 3.70          |
| Question 7     | 7     | Ionic theory and electrolysis, atomic structure         | 10             | 5             | 0            | 1.60          |
| Question 8     | 7     | Organic chemistry                                       | 10             | 1             | 0            | 0.10          |
| Question 9     | 7     | Acids, base and salts                                   | 10             | 4             | 0            | 0.60          |
| Question 10    | 7     | Soil chemistry, pollution (acidic rain)                 | 10             | 7             | 0            | 4.60          |
| Question 11    | 7     | Separation of mixtures, fuels and energy (biogas plant) | 10             | 3             | 0.5          | 1.25          |
| Question 12    | 7     | Hydrogen (preparation)                                  | 10             | 5.5           | 1            | 3.20          |
| Question 13    | 15    | Extraction of metals                                    | 0              | 0             | 0            | 0.00          |
| Question 14    | 15    | Pollution   | 10             | 14.5          | 7            | 12.55         |
| <b>PAPER 2</b> |       |   |                |               |              |               |
| Question 1     | 25    |   | 10             | 17            | 6            | 10.90         |
| Question 2     | 25    |   | 10             | 19            | 9            | 15.35         |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY      | 24     | 0        | 18     | 6      | 3.3750 | 58/97          | 19/30      | 14/17          |

GRADE : A=2; B=3; C=9; D=4; F=6;

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION           | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |  |                |               |              |               |
| Question 1     | 10    | Various topics                         | 24             | 10            | 1            | 5.88          |
| Question 2     | 5     | Movement                               | 24             | 5             | 0            | 1.92          |
| Question 3     | 6     | Introduction to biology                | 23             | 6             | 0            | 3.26          |
| Question 4     | 6     | Safety in our environment              | 24             | 6             | 0            | 4.67          |
| Question 5     | 6     | Safety in our environment              | 24             | 5             | 0            | 2.15          |
| Question 6     | 6     | Transport of material in living things | 23             | 6             | 0            | 2.04          |
| Question 7     | 6     | Cell structure and organization        | 24             | 5             | 0            | 2.00          |

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION                | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| Question 8     | 6     | Classification of living things             | 23             | 6             | 0            | 4.22          |
| Question 9     | 6     | Gaseous exchange, HIV/AIDS, STS's and STD's | 24             | 5.5           | 1            | 3.50          |
| Question 10    | 6     | Balance of nature                           | 21             | 6             | 0            | 4.33          |
| Question 11    | 6     | Movement                                    | 18             | 6             | 0            | 1.67          |
| Question 12    | 6     | Reproduction, coordination                  | 21             | 6             | 0            | 2.43          |
| Question 13    | 15    | Nutrition                                   | 23             | 11            | 1            | 7.35          |
| Question 14    | 10    | Genetics                                    | 8              | 6             | 0            | 1.69          |
| Question 15    | 10    | Organic evolution                           | 14             | 8             | 0            | 3.64          |
| <b>PAPER 2</b> |       |   |                |               |              |               |
| Question 1     | 25    | Nutrition                                   | 24             | 22            | 2            | 11.29         |
| Question 2     | 25    | Classification of living things             | 24             | 22.5          | 5            | 15.29         |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>GEOGRAPHY</b> | 24     | 0        | 15     | 9      | 3.9583 | 65/97          | 21/30      | 15/17          |

**GRADE : A=0; B=2; C=6; D=7; F=9;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION          | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choices                      | 24             | 7             | 0            | 2.75          |
| Question 2  | 5     | Matching items                        | 24             | 3             | 0            | 1.17          |
| Question 3  | 11    | Map reading and interpretation        | 24             | 8.5           | 0            | 4.54          |
| Question 4  | 11    | Statistics                            | 23             | 11            | 0            | 3.93          |
| Question 5  | 11    | Survey                                | 23             | 6             | 0            | 3.52          |
| Question 6  | 11    | Research                              | 23             | 11            | 0            | 3.61          |
| Question 7  | 11    | Photograph reading and interpretation | 23             | 11            | 1            | 5.78          |
| Question 8  | 15    | Population                            | 11             | 10            | 1            | 4.82          |
| Question 9  | 15    | Agriculture                           | 19             | 15            | 0            | 7.37          |
| Question 10 | 15    | Solar system                          | 14             | 11            | 1            | 4.29          |

| SUBJECT NAME  | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>CIVICS</b> | 24     | 0        | 22     | 2      | 2.9167 | 70/97          | 24/30      | 16/17          |

**GRADE : A=3; B=5; C=9; D=5; F=2;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION        | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choices                    | 24             | 7             | 2            | 5.00          |
| Question 2  | 5     | Matching items                      | 24             | 4             | 0            | 1.29          |
| Question 3  | 5     | Economic and social development     | 24             | 4.5           | 0            | 2.10          |
| Question 4  | 5     | Globalization                       | 21             | 5             | 0            | 1.29          |
| Question 5  | 5     | Culture                             | 22             | 5             | 0            | 3.23          |
| Question 6  | 5     | Culture                             | 23             | 5             | 0            | 3.74          |
| Question 7  | 5     | Citizenship                         | 24             | 5             | 0            | 4.08          |
| Question 8  | 5     | Proper behavior and decision making | 24             | 5             | 0            | 3.31          |
| Question 9  | 5     | Life skills                         | 24             | 5             | 4            | 4.08          |
| Question 10 | 5     | Culture                             | 23             | 5             | 4            | 4.04          |
| Question 11 | 15    | Culture, contemporary issues        | 23             | 13            | 2            | 9.26          |
| Question 12 | 15    | Contemporary , cross cutting issues | 20             | 14            | 2.5          | 7.98          |
| Question 13 | 15    | Culture                             | 13             | 12            | 1            | 8.08          |
| Question 14 | 15    | Government                          | 11             | 13            | 1            | 8.86          |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>KISWAHILI</b> | 24     | 0        | 22     | 2      | 3.4583 | 64/97          | 20/30      | 14/17          |

**GRADE : A=0; B=1; C=13; D=8; F=2;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION                   | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Kuchagua                                       | 24             | 7             | 2            | 3.83          |
| Question 2  | 5     | Kuoanisha                                      | 24             | 4             | 0            | 2.67          |
| Question 3  | 4     | Sarufi   | 24             | 4             | 0            | 1.46          |
| Question 4  | 4     | Mjengo wa tungo                                | 22             | 4             | 0            | 2.14          |
| Question 5  | 8     | Utunzi wa lugha katika miktadha mbalimbali     | 24             | 8             | 4            | 7.17          |
| Question 6  | 8     | Historia ya maendeleo ya lugha ya kiswahili    | 24             | 8             | 0            | 4.67          |
| Question 7  | 8     | Fasihi kwa ujumla                              | 24             | 6             | 0            | 2.10          |
| Question 8  | 8     | Ufahamu na ufupisho                            | 24             | 5             | 0            | 1.38          |
| Question 9  | 15    | Uandishi                                       | 6              | 8             | 0            | 4.00          |
| Question 10 | 15    | Uhakiki wa kazi za fasihi andishi              | 23             | 12            | 4            | 9.87          |
| Question 11 | 15    | Uhakiki wa kazi za fasihi andishi - tamthiliya | 22             | 14            | 0            | 10.32         |
| Question 12 | 15    | Utungaji wa kazi za fasihi simulizi            | 17             | 12            | 0            | 2.35          |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 24     | 0        | 19     | 5      | 3.5000 | 77/97          | 26/30      | 17/17          |

GRADE : A=0; B=4; C=9; D=6; F=5;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION        | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|-------------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choices                    | 24             | 9             | 1            | 6.13          |
| Question 2  | 5     | Matching items                      | 24             | 5             | 0            | 3.54          |
| Question 3  | 5     | Factual and non factual information | 24             | 5             | 0            | 4.08          |
| Question 4  | 5     | Language use                        | 22             | 5             | 0            | 2.41          |
| Question 5  | 5     | Language use                        | 22             | 5             | 0            | 2.77          |
| Question 6  | 8     | Directions, preposition of place    | 23             | 8             | 0            | 3.30          |
| Question 7  | 7     | Family tree                         | 24             | 5             | 0            | 1.83          |
| Question 8  | 10    | Decoration                          | 24             | 8             | 0            | 3.79          |
| Question 9  | 15    | Composition, writing skills         | 11             | 8             | 1            | 5.91          |
| Question 10 | 15    | Literary works                      | 20             | 12            | 0            | 5.40          |
| Question 11 | 15    | Literary works                      | 22             | 12            | 0            | 5.32          |
| Question 12 | 15    | Literary works                      | 19             | 11            | 0            | 6.32          |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY      | 24     | 0        | 15     | 9      | 4.2500 | 75/96          | 26/29      | 16/16          |

GRADE : A=0; B=0; C=3; D=12; F=9;

| NUMBER     | MARKS | TOPIC / QUESTION DESCRIPTION           | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15    | Multiple choices                       | 24             | 10            | 2            | 6.13          |
| Question 2 | 5     | Matching items                         | 24             | 5             | 0            | 1.88          |
| Question 3 | 12    | Short notes                            | 23             | 10            | 0            | 2.35          |
| Question 4 | 12    | Establishment of colonialism           | 24             | 6             | 0            | 1.25          |
| Question 5 | 11    | Sketch map                             | 24             | 6             | 0            | 1.42          |
| Question 6 | 15    | Social and political organization      | 23             | 11            | 0            | 5.70          |
| Question 7 | 15    | Nationalism and decolonization process | 4              | 14            | 1            | 5.50          |
| Question 8 | 15    | Colonial economy                       | 22             | 11            | 2            | 5.98          |
| Question 9 | 15    | Africa in the international affairs    | 21             | 14            | 2            | 8.95          |

| SUBJECT NAME      | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 24     | 0        | 1      | 23     | 4.9167 | 71/97          | 21/30      | 17/17          |

GRADE : A=0; B=0; C=1; D=0; F=23;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION          | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 6     | Decimal and percentage, number system | 24             | 2.5           | 0            | 0.81          |
| Question 2  | 6     | Exponents and radicals, logarithms    | 23             | 1.5           | 0            | 0.26          |
| Question 3  | 6     | Probability, sets                     | 24             | 3.5           | 0            | 0.33          |
| Question 4  | 6     | Coordinate geometry, vectors          | 24             | 3             | 0            | 0.31          |
| Question 5  | 6     | Areas and perimeters, similarities    | 24             | 5             | 0            | 0.42          |
| Question 6  | 6     | Rate and variations                   | 24             | 6             | 0            | 1.42          |
| Question 7  | 6     | Accounts, ratio, profit and loss      | 24             | 3             | 0            | 1.27          |
| Question 8  | 6     | Sequence and series                   | 24             | 3             | 0            | 0.25          |
| Question 9  | 6     | Trigonometry, pythagorus              | 24             | 0             | 0            | 0.00          |
| Question 10 | 6     | Quadratic equations                   | 24             | 3             | 0            | 0.17          |
| Question 11 | 10    | Statistics, circle                    | 24             | 5.5           | 0            | 0.83          |
| Question 12 | 10    | Earths as sphere, three dimension     | 24             | 5             | 0            | 0.85          |
| Question 13 | 10    | Matrix and transformation             | 24             | 6             | 0            | 0.67          |
| Question 14 | 10    | Function, linear programing           | 24             | 6             | 0            | 0.98          |

| SUBJECT NAME    | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIBLE KNOWLEDGE | 15     | 0        | 14     | 1      | 3.2000 | 30/54          | 16/24      | 15/15          |

GRADE : A=0; B=1; C=11; D=2; F=1;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION                  | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1  | 20    | Various topics                                | 15             | 16            | 7            | 11.00         |
| Question 2  | 5     | Israel patriarchs and Paul missionary journey | 15             | 3             | 1            | 1.93          |
| Question 3  | 9     | Life of Jacob                                 | 13             | 8             | 1            | 5.08          |
| Question 4  | 9     | Jerusalem council                             | 13             | 9             | 0            | 3.23          |
| Question 5  | 9     | The roles of Angels in Jesus' mission         | 3              | 9             | 9            | 9.00          |
| Question 6  | 9     | Jesus mission in Galilee                      | 14             | 7             | 6            | 6.71          |
| Question 7  | 9     | Senvions of the mountains                     | 7              | 8             | 3            | 6.00          |
| Question 8  | 9     | Jesus transfiguration                         | 8              | 8             | 4            | 6.00          |
| Question 9  | 9     | Parables of the kingdom                       | 7              | 9             | 1            | 6.00          |
| Question 10 | 9     | Jesus resurrection                            | 7              | 8             | 1            | 4.43          |

| <b>NUMBER</b> | <b>MARKS</b> | <b>TOPIC / QUESTION DESCRIPTION</b>              | <b>NO OF STUDENTS</b> | <b>HIGHEST SCORE</b> | <b>LOWEST SCORE</b> | <b>AVERAGE SCORE</b> |
|---------------|--------------|--|-----------------------|----------------------|---------------------|----------------------|
| Question 11   | 15           | Paul's missionary journey                        | 15                    | 15                   | 3                   | 12.53                |
| Question 12   | 15           | Israel under the leadership of Joshua and Judges | 11                    | 6                    | 0                   | 0.82                 |
| Question 13   | 15           | Israel under the leadership of Joshua and Judges | 3                     | 8                    | 4                   | 5.67                 |