



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)**  
**FORM FOUR NORTHERN ZONE JOINT EXAMS SYNDICATE (NZJES)**  
**AUGUST 2023**

**ST. JAMES SEMINARY SCHOOL**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023**

| SUBJECT NAME   | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>PHYSICS</b> | 29     | 0        | 20     | 9      | 4.1724 | 57/95          | 34/61      | 19/34          |

**GRADE : A=0; B=0; C=4; D=16; F=9;**

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION                 | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |  |                |               |              |               |
| Question 1     | 10    | Various topics                               | 29             | 9             | 4            | 6.90          |
| Question 2     | 6     | Optical instruments                          | 29             | 6             | 1            | 4.48          |
| Question 3     | 9     | Thermal expansion, vectors                   | 28             | 5             | 0            | 0.38          |
| Question 4     | 9     | Waves, equilibrium and Archimedes principles | 28             | 8             | 0            | 3.18          |
| Question 5     | 9     | Pressure, light (mirror)                     | 29             | 9             | 0            | 2.97          |
| Question 6     | 9     | Static electricity, current electricity      | 29             | 5             | 0            | 0.55          |
| Question 7     | 9     | Sustainable energy sources, Newtons          | 29             | 7             | 0            | 4.72          |
| Question 8     | 9     | Electromagnetism, light                      | 28             | 8             | 0            | 3.93          |
| Question 9     | 15    | Waves, heat                                  | 19             | 12            | 0            | 4.79          |
| Question 10    | 15    | Radioactivity, electronics                   | 15             | 8             | 0            | 3.07          |
| Question 11    | 15    | Astronomy, friction, light                   | 25             | 12            | 0            | 3.62          |
| <b>PAPER 2</b> |       |  |                |               |              |               |
| Question 1     | 25    | Simple pendulum / Hooke's law                | 29             | 7             | 1            | 4.72          |
| Question 2     | 25    | Light (glass block) / Light (plane mirror)   | 29             | 21            | 0            | 10.83         |

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|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>CHEMISTRY</b> | 29     | 0        | 28     | 1      | 2.9655 | 34/99          | 22/63      | 11/34          |

**GRADE : A=0; B=5; C=21; D=2; F=1;**

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION   | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |  |                |               |              |               |
| Question 1     | 10    | Various topics   | 29             | 10            | 4            | 7.34          |
| Question 2     | 6     | Electrolysis and ionic theory  | 29             | 6             | 3            | 4.62          |
| Question 3     | 9     | Laboratory safety  | 29             | 9             | 1            | 4.93          |
| Question 4     | 9     | Energy and fuel  | 28             | 9             | 3            | 6.00          |
| Question 5     | 9     | Extraction of metals   | 29             | 7             | 0            | 4.62          |
| Question 6     | 9     | Chemical kinetics and equilibrium  | 28             | 7             | 0            | 3.86          |
| Question 7     | 9     | Electrolysis and ionic theory  | 29             | 9             | 0            | 4.47          |
| Question 8     | 9     | Matter, air, combustion and rusting  | 29             | 9             | 4            | 7.41          |
| Question 9     | 15    | Organic chemistry  | 1              | 5             | 5            | 5.00          |
| Question 10    | 15    | Pollution  | 28             | 3             | 0            | 2.57          |
| Question 11    | 15    | Hardness of water, formulae, bonding and nomenclature                                | 28             | 10.5          | 2            | 5.11          |
| <b>PAPER 2</b> |       |  |                |               |              |               |
| Question 1     | 25    | Volumetric analysis  | 29             | 25            | 3            | 18.17         |
| Question 2     | 25    | Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium | 29             | 25            | 1            | 16.24         |

| SUBJECT NAME   | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>BIOLOGY</b> | 40     | 0        | 40     | 0      | 3.0000 | 40/100         | 26/63      | 13/34          |

**GRADE : A=0; B=8; C=24; D=8; F=0;**

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION              | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |   |                |               |              |               |
| Question 1     | 10    | Various topics                            | 40             | 9             | 0            | 5.40          |
| Question 2     | 6     | Various topics                            | 40             | 6             | 0            | 4.35          |
| Question 3     | 9     | Safety in our environment                 | 40             | 7             | 3            | 5.19          |
| Question 4     | 9     | Nutrition                                 | 40             | 9             | 0            | 7.45          |
| Question 5     | 9     | Growth and development                    | 40             | 7             | 0            | 1.45          |
| Question 6     | 9     | Balance of nature                         | 40             | 9             | 1            | 4.05          |
| Question 7     | 9     | Regulation                                | 40             | 8             | 0            | 3.88          |
| Question 8     | 9     | Transport of materials in living organism | 40             | 9             | 0            | 3.83          |
| Question 9     | 15    | Healthy and immunity and diseases         | 37             | 10            | 0            | 3.97          |
| Question 10    | 15    | Evolution                                 | 35             | 15            | 0            | 7.01          |
| Question 11    | 15    | Genetics , variation                      | 7              | 14            | 0            | 4.86          |
| <b>PAPER 2</b> |       |   |                |               |              |               |

| NUMBER     | MARKS | TOPIC / QUESTION DESCRIPTION   | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 25    | Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism | 40             | 23.5          | 12           | 19.03         |
| Question 2 | 25    | Classification of living organism  | 40             | 23.5          | 11           | 18.09         |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>GEOGRAPHY</b> | 40     | 0        | 37     | 3      | 3.1500 | 39/100         | 23/63      | 14/34          |

**GRADE : A=1; B=4; C=26; D=6; F=3;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION   | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choice  | 40             | 8             | 2            | 5.38          |
| Question 2  | 6     | Matching items   | 40             | 5             | 0            | 2.90          |
| Question 3  | 12    | Map reading and Map interpretation   | 40             | 10            | 0            | 5.65          |
| Question 4  | 10    | Application of statistics  | 39             | 8             | 0            | 2.23          |
| Question 5  | 9     | Elementary survey and map making   | 40             | 9             | 0            | 6.06          |
| Question 6  | 11    | Introduction to research   | 39             | 11            | 0            | 6.23          |
| Question 7  | 12    | Photograph reading and interpretation  | 39             | 11            | 3            | 7.46          |
| Question 8  | 0     | Application of statistics  | 0              | 0             | 0            | 0.00          |
| Question 9  | 15    | Agriculture  | 40             | 15            | 0            | 12.50         |
| Question 10 | 15    | Human Population   | 33             | 14            | 0            | 3.47          |
| Question 11 | 15    | Forces that affecting the Earth(External forces), erosion and deposition by farming, water, ice and wind | 4              | 14            | 3            | 6.25          |

| SUBJECT NAME  | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>CIVICS</b> | 40     | 0        | 40     | 0      | 2.2750 | 50/100         | 31/63      | 18/34          |

**GRADE : A=8; B=15; C=15; D=2; F=0;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION    | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Various topics                  | 40             | 10            | 4            | 7.90          |
| Question 2  | 6     | Various topics                  | 40             | 5             | 0            | 3.08          |
| Question 3  | 9     | Poverty                         | 37             | 9             | 0            | 4.65          |
| Question 4  | 9     | Culture                         | 40             | 9             | 4            | 8.58          |
| Question 5  | 9     | Economic and social development | 39             | 9             | 0            | 7.44          |
| Question 6  | 9     | Economic and social development | 40             | 9             | 0            | 8.08          |
| Question 7  | 9     | Government of Tanzania          | 40             | 9             | 0            | 6.73          |
| Question 8  | 9     | Family life                     | 40             | 9             | 2            | 7.35          |
| Question 9  | 15    | Economic and social development | 24             | 11            | 1            | 6.54          |
| Question 10 | 15    | Road safety education           | 33             | 13            | 1            | 3.24          |
| Question 11 | 15    | Promotion of life skills        | 22             | 14            | 0            | 9.27          |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>KISWAHILI</b> | 40     | 0        | 38     | 2      | 3.6500 | 71/100         | 41/63      | 24/34          |

**GRADE : A=0; B=0; C=16; D=22; F=2;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Mada mchanganyiko            | 40             | 8             | 3            | 5.83          |
| Question 2  | 6     | Ufahamu                      | 40             | 6             | 1            | 4.48          |
| Question 3  | 9     | Uundaji wa maneno            | 40             | 6             | 0            | 1.90          |
| Question 4  | 9     | Tungo                        | 40             | 7             | 0            | 0.75          |
| Question 5  | 9     | Aina za maneno               | 40             | 4             | 0            | 1.53          |
| Question 6  | 9     | Utungaji                     | 40             | 6             | 1            | 3.51          |
| Question 7  | 9     | Maendeleo ya kiswahili       | 38             | 8             | 0            | 3.39          |
| Question 8  | 9     | Uhakiki                      | 40             | 8             | 3            | 6.80          |
| Question 9  | 15    | Fasihi kwa ujumla            | 35             | 10            | 0            | 4.51          |
| Question 10 | 15    | Uhakiki wa fasihi            | 5              | 12            | 0            | 4.00          |
| Question 11 | 15    | Uhakiki wa fasihi            | 37             | 14            | 3            | 10.54         |

| SUBJECT NAME            | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|-------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>ENGLISH LANGUAGE</b> | 40     | 0        | 31     | 9      | 3.6000 | 46/100         | 28/63      | 15/34          |

**GRADE : A=0; B=2; C=21; D=8; F=9;**

| NUMBER     | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10    | Various topics               | 40             | 8             | 1            | 5.73          |
| Question 2 | 6     | Various topics               | 40             | 6             | 2            | 4.23          |
| Question 3 | 9     | Tenses                       | 40             | 9             | 0            | 1.43          |
| Question 4 | 9     | Structure                    | 40             | 9             | 0            | 4.50          |
| Question 5 | 9     | Writing                      | 40             | 6             | 2            | 5.08          |

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 6  | 9     | Vocabularies                 | 40             | 8             | 4            | 6.15          |
| Question 7  | 9     | Articles                     | 40             | 9             | 0            | 4.20          |
| Question 8  | 9     | Inversions                   | 40             | 3             | 0            | 1.20          |
| Question 9  | 15    | Reading literary works       | 40             | 14            | 0            | 5.23          |
| Question 10 | 15    | Reading literary works       | 5              | 2             | 0            | 0.80          |
| Question 11 | 15    | Reading literary works       | 35             | 14            | 0            | 7.86          |

| SUBJECT NAME   | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|----------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>HISTORY</b> | 40     | 0        | 39     | 1      | 3.4000 | 56/100         | 37/63      | 21/34          |

**GRADE : A=0; B=0; C=25; D=14; F=1;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION              | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Various topics                            | 40             | 9             | 2            | 5.08          |
| Question 2  | 6     | Various topics                            | 40             | 6             | 0            | 4.33          |
| Question 3  | 9     | Various topics                            | 39             | 7.5           | 1            | 5.33          |
| Question 4  | 9     | A scramble for and partition of Africa    | 40             | 9             | 0            | 5.93          |
| Question 5  | 9     | Map of Africa which show the resistance   | 40             | 5             | 0            | 2.30          |
| Question 6  | 9     | Slave trade in the Indian ocean           | 39             | 7             | 0            | 3.15          |
| Question 7  | 9     | Resistance                                | 40             | 7.5           | 0            | 1.25          |
| Question 8  | 9     | Colonial administrative system            | 37             | 9             | 0            | 3.74          |
| Question 9  | 15    | Evolution of man, environment, technology | 37             | 14            | 5            | 10.74         |
| Question 10 | 15    | Colonial economy                          | 25             | 12.5          | 0            | 6.08          |
| Question 11 | 15    | Africa and external World                 | 16             | 13            | 0            | 7.75          |

| SUBJECT NAME             | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>BASIC MATHEMATICS</b> | 40     | 0        | 11     | 29     | 4.6750 | 29/100         | 18/63      | 9/34           |

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

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION                  | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1  | 6     | Numbers, Decimal and percentages              | 40             | 6             | 0            | 1.70          |
| Question 2  | 6     | Fractions,logarithms                          | 40             | 4             | 0            | 0.50          |
| Question 3  | 6     | Sets,Probability                              | 40             | 2             | 0            | 0.35          |
| Question 4  | 6     | Coordinate Geometry, Vector                   | 40             | 4             | 0            | 2.03          |
| Question 5  | 6     | Geometry, areas and perimeter                 | 40             | 6             | 0            | 1.61          |
| Question 6  | 6     | Rates and variations, Ratios, profit and loss | 40             | 6             | 0            | 2.78          |
| Question 7  | 6     | Ratios, profit and loss, accounts             | 40             | 6             | 0            | 2.43          |
| Question 8  | 6     | Sequence and series                           | 40             | 6             | 0            | 0.74          |
| Question 9  | 6     | Trigonometry                                  | 40             | 3.5           | 0            | 0.71          |
| Question 10 | 6     | Quadratic equation, algebra                   | 40             | 6             | 0            | 1.03          |
| Question 11 | 10    | Circle,statistics                             | 40             | 6             | 0            | 2.30          |
| Question 12 | 10    | Three dimension figures,Earth as the sphere   | 40             | 4             | 0            | 0.41          |
| Question 13 | 10    | Matrices and transportation                   | 40             | 10            | 0            | 4.63          |
| Question 14 | 10    | Linear programming,function                   | 40             | 4             | 0            | 1.28          |

| SUBJECT NAME           | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>BIBLE KNOWLEDGE</b> | 40     | 0        | 40     | 0      | 1.6250 | 21/59          | 11/30      | 9/15           |

**GRADE : A=23; B=10; C=6; D=1; F=0;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 20    | Various topics               | 40             | 19            | 10           | 15.88         |
| Question 2  | 5     | Various topics               | 40             | 5             | 1            | 4.55          |
| Question 3  | 9     | Genesis - The tower of Babel | 40             | 9             | 0            | 7.48          |
| Question 4  | 9     | Acts of the Apostles         | 40             | 9             | 1            | 5.50          |
| Question 5  | 9     | Genesis                      | 17             | 9             | 3            | 7.53          |
| Question 6  | 9     | Mathew                       | 17             | 9             | 3            | 8.00          |
| Question 7  | 9     | Luke                         | 17             | 9             | 3            | 6.12          |
| Question 8  | 9     | Luke                         | 28             | 9             | 3            | 8.00          |
| Question 9  | 9     | Acts of the Apostles         | 28             | 9             | 0            | 7.93          |
| Question 10 | 9     | Judges                       | 13             | 9             | 3            | 7.15          |
| Question 11 | 15    | Acts of the Apostles         | 18             | 14            | 8            | 10.44         |
| Question 12 | 15    | Judges                       | 37             | 14            | 4            | 10.27         |
| Question 13 | 15    | Acts of the Apostles         | 22             | 12            | 0            | 8.27          |