



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

MARANGU SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ADDITIONAL MATHEMATICS | 27 | 0 | 23 | 4 | 3.4815 | 2/2 | 1/1 | 1/1 |

GRADE : A=0; B=5; C=8; D=10; F=4;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Variation | 27 | 6 | 0 | 3.24 |
| Question 2 | 6 | Statistics | 27 | 6 | 1 | 4.39 |
| Question 3 | 6 | Coordinate Geometry(Distance) | 27 | 6 | 0 | 2.19 |
| Question 4 | 6 | Coordinate Geometry(Locus) | 27 | 6 | 0 | 2.20 |
| Question 5 | 6 | Inequality,Polygons (Regular) | 27 | 6 | 0 | 4.24 |
| Question 6 | 6 | Algebra | 27 | 3.5 | 0 | 2.91 |
| Question 7 | 6 | Trigonometry ratio | 27 | 6 | 0 | 2.59 |
| Question 8 | 6 | Series,divisibility | 27 | 6 | 0 | 3.89 |
| Question 9 | 6 | Logic | 27 | 6 | 2 | 5.11 |
| Question 10 | 6 | Sets | 27 | 5 | 0 | 3.41 |
| Question 11 | 10 | Quadratic expressions.area and volume | 26 | 8 | 0 | 3.42 |
| Question 12 | 10 | Differentiation,intergration | 27 | 10 | 0 | 3.74 |
| Question 13 | 10 | Probability | 27 | 9 | 0 | 1.70 |
| Question 14 | 10 | Vectors,Transformations | 27 | 10 | 0 | 3.24 |

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|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS | 52 | 0 | 21 | 31 | 4.5192 | 75/95 | 47/61 | 25/34 |

GRADE : A=0; B=0; C=4; D=17; F=31;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 52 | 9 | 1 | 5.54 |
| Question 2 | 6 | Optical instruments | 52 | 6 | 0 | 3.06 |
| Question 3 | 9 | Thermal expansion, vectors | 52 | 5 | 0 | 0.38 |
| Question 4 | 9 | Waves, equilibrium and Archimedes principles | 51 | 5 | 0 | 1.20 |
| Question 5 | 9 | Pressure, light (mirror) | 51 | 9 | 0 | 4.04 |
| Question 6 | 9 | Static electricity, current electricity | 52 | 5 | 0 | 0.38 |
| Question 7 | 9 | Sustainable energy sources, Newtons | 52 | 7 | 0 | 3.90 |
| Question 8 | 9 | Electromagnetism, light | 52 | 9 | 0 | 2.03 |
| Question 9 | 15 | Waves, heat | 43 | 12 | 0 | 3.53 |
| Question 10 | 15 | Radioactivity, electronics | 17 | 7 | 0 | 2.88 |
| Question 11 | 15 | Astronomy, friction, light | 43 | 14.5 | 0 | 5.31 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Simple pendulum / Hooke's law | 52 | 18.5 | 0.5 | 3.47 |
| Question 2 | 25 | Light (glass block) / Light (plane mirror) | 52 | 21 | 0 | 11.59 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY | 85 | 0 | 76 | 9 | 3.6588 | 84/99 | 55/63 | 30/34 |

GRADE : A=0; B=2; C=34; D=40; F=9;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 85 | 10 | 1 | 5.18 |
| Question 2 | 6 | Electrolysis and ionic theory | 85 | 6 | 0 | 3.92 |
| Question 3 | 9 | Laboratory safety | 85 | 8 | 0 | 4.09 |
| Question 4 | 9 | Energy and fuel | 85 | 8.5 | 0 | 5.90 |
| Question 5 | 9 | Extraction of metals | 85 | 9 | 0 | 4.41 |
| Question 6 | 9 | Chemical kinetics and equilibrium | 81 | 6 | 0 | 1.69 |
| Question 7 | 9 | Electrolysis and ionic theory | 85 | 8 | 0 | 1.97 |
| Question 8 | 9 | Matter, air, combustion and rusting | 85 | 9 | 0 | 6.24 |
| Question 9 | 15 | Organic chemistry | 8 | 11 | 0 | 3.88 |
| Question 10 | 15 | Pollution | 81 | 15 | 0 | 4.06 |
| Question 11 | 15 | Hardness of water, formulae, bonding and nomenclature | 80 | 11 | 0 | 4.40 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Volumetric analysis | 85 | 18 | 1 | 6.99 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 2 | 25 | Chemistry 2A: Qualitative analysis / Chemistry 2B: Chemical kinetics and equilibrium | 85 | 24 | 2 | 14.29 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY | 178 | 0 | 164 | 14 | 3.5056 | 70/100 | 43/63 | 24/34 |

GRADE : A=3; B=13; C=67; D=81; F=14;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 178 | 8 | 1 | 4.23 |
| Question 2 | 6 | Various topics | 178 | 6 | 0 | 3.22 |
| Question 3 | 9 | Safety in our environment | 178 | 7.5 | 0 | 3.41 |
| Question 4 | 9 | Nutrition | 178 | 9 | 0 | 5.19 |
| Question 5 | 9 | Growth and development | 174 | 9 | 0 | 1.89 |
| Question 6 | 9 | Balance of nature | 178 | 8 | 0 | 4.27 |
| Question 7 | 9 | Regulation | 175 | 9 | 0 | 2.20 |
| Question 8 | 9 | Transport of materials in living organism | 177 | 6 | 0 | 1.13 |
| Question 9 | 15 | Healthy and immunity and diseases | 161 | 15 | 0 | 7.03 |
| Question 10 | 15 | Evolution | 128 | 15 | 0 | 7.28 |
| Question 11 | 15 | Genetics , variation | 45 | 15 | 0 | 1.81 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | Biology 2A: Nutrition, Biology 2B: Transport of materials in a living organism | 178 | 25 | 1 | 13.59 |
| Question 2 | 25 | Classification of living organism | 178 | 25 | 5.5 | 18.09 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| GEOGRAPHY | 178 | 0 | 147 | 31 | 3.5112 | 64/100 | 38/63 | 21/34 |

GRADE : A=3; B=20; C=69; D=55; F=31;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Multiple choice | 178 | 9 | 1 | 4.25 |
| Question 2 | 6 | Matching items | 178 | 6 | 0 | 2.40 |
| Question 3 | 12 | Map reading and Map interpretation | 178 | 9.5 | 0 | 4.58 |
| Question 4 | 10 | Application of statistics | 178 | 9 | 0 | 2.72 |
| Question 5 | 9 | Elementary survey and map making | 178 | 9 | 0 | 5.01 |
| Question 6 | 11 | Introduction to research | 175 | 11 | 0 | 5.49 |
| Question 7 | 12 | Photograph reading and interpretation | 178 | 12 | 0 | 8.28 |
| Question 8 | 0 | Application of statistics | 0 | 0 | 0 | 0.00 |
| Question 9 | 15 | Agriculture | 177 | 15 | 0 | 8.75 |
| Question 10 | 15 | Human Population | 121 | 15 | 0 | 2.54 |
| Question 11 | 15 | Forces that affecting the Earth(External forces), erosion and deposition by farming, water,ice and wind | 49 | 13 | 0 | 6.55 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CIVICS | 178 | 0 | 165 | 13 | 3.1292 | 83/100 | 53/63 | 30/34 |

GRADE : A=9; B=29; C=83; D=44; F=13;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 177 | 10 | 2 | 5.74 |
| Question 2 | 6 | Various topics | 178 | 6 | 0 | 2.59 |
| Question 3 | 9 | Poverty | 176 | 9 | 0 | 4.40 |
| Question 4 | 9 | Culture | 178 | 9 | 0 | 5.71 |
| Question 5 | 9 | Economic and social development | 178 | 9 | 0 | 5.05 |
| Question 6 | 9 | Economic and social development | 178 | 9 | 0 | 7.40 |
| Question 7 | 9 | Government of Tanzania | 178 | 9 | 0 | 4.01 |
| Question 8 | 9 | Family life | 177 | 9 | 0 | 5.09 |
| Question 9 | 15 | Economic and social development | 67 | 13 | 0 | 2.57 |
| Question 10 | 15 | Road safety education | 162 | 13 | 0 | 3.99 |
| Question 11 | 15 | Promotion of life skills | 125 | 15 | 0 | 10.01 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIocese / RANK |
|-----------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| LITERATURE IN ENGLISH | 147 | 0 | 146 | 1 | 2.9388 | 17/53 | 14/35 | 10/28 |

GRADE : A=1; B=29; C=96; D=20; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 147 | 9 | 1 | 4.75 |
| Question 2 | 6 | matching items | 147 | 6 | 0 | 3.39 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 3 | 9 | Theory of literature | 145 | 6.5 | 0 | 2.15 |
| Question 4 | 9 | Theory of literature | 146 | 9 | 0 | 6.74 |
| Question 5 | 9 | Poems | 144 | 9 | 0 | 3.47 |
| Question 6 | 9 | Poetry/Poems | 144 | 9 | 0 | 4.39 |
| Question 7 | 9 | Reading literary works | 146 | 9 | 0 | 4.67 |
| Question 8 | 9 | Reading literary works | 145 | 9 | 0 | 3.35 |
| Question 9 | 15 | Play, reading literary works | 132 | 14.5 | 3 | 11.81 |
| Question 10 | 15 | Novels, reading literary works | 65 | 14.5 | 4 | 11.63 |
| Question 11 | 15 | Reading literary work (Selected poems) | 98 | 14.5 | 3 | 10.63 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI | 178 | 0 | 158 | 20 | 3.8483 | 83/100 | 50/63 | 29/34 |

GRADE : A=0; B=3; C=41; D=114; F=20;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Mada mchanganyiko | 178 | 7 | 1 | 4.74 |
| Question 2 | 6 | Ufahamu | 178 | 6 | 1 | 3.82 |
| Question 3 | 9 | Uundaji wa maneno | 175 | 6 | 0 | 1.26 |
| Question 4 | 9 | Tungo | 175 | 9 | 0 | 1.22 |
| Question 5 | 9 | Aina za maneno | 178 | 6 | 0 | 0.46 |
| Question 6 | 9 | Utungaji | 178 | 8 | 0 | 4.97 |
| Question 7 | 9 | Maendeleo ya kiswahili | 171 | 8 | 0 | 0.63 |
| Question 8 | 9 | Uhakiki | 177 | 9 | 0 | 7.46 |
| Question 9 | 15 | Fasihi kwa ujumla | 147 | 14 | 0 | 6.07 |
| Question 10 | 15 | Uhakiki wa fasihi | 61 | 14 | 0 | 7.09 |
| Question 11 | 15 | Uhakiki wa fasihi | 131 | 14 | 0 | 9.68 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 178 | 0 | 91 | 87 | 4.3596 | 79/100 | 50/63 | 28/34 |

GRADE : A=0; B=1; C=21; D=69; F=87;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 178 | 9 | 0 | 4.10 |
| Question 2 | 6 | Various topics | 178 | 6 | 0 | 2.87 |
| Question 3 | 9 | Tenses | 178 | 9 | 0 | 0.76 |
| Question 4 | 9 | Structure | 178 | 9 | 0 | 4.81 |
| Question 5 | 9 | Writing | 178 | 9 | 0 | 6.89 |
| Question 6 | 9 | Vocabularies | 178 | 9 | 0 | 4.42 |
| Question 7 | 9 | Articles | 174 | 6 | 0 | 0.98 |
| Question 8 | 9 | Inversions | 178 | 9 | 0 | 0.92 |
| Question 9 | 15 | Reading literary works | 174 | 13 | 0 | 3.49 |
| Question 10 | 15 | Reading literary works | 35 | 8 | 0 | 1.60 |
| Question 11 | 15 | Reading literary works | 137 | 8 | 0 | 2.34 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY | 177 | 0 | 147 | 30 | 3.7458 | 81/100 | 50/63 | 27/34 |

GRADE : A=0; B=2; C=71; D=74; F=30;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 177 | 7 | 0 | 3.17 |
| Question 2 | 6 | Various topics | 177 | 6 | 0 | 3.44 |
| Question 3 | 9 | Various topics | 177 | 8 | 0 | 4.19 |
| Question 4 | 9 | A scramble for and partition of Africa | 177 | 9 | 0 | 5.51 |
| Question 5 | 9 | Map of Africa which show the resistance | 177 | 9 | 0 | 2.83 |
| Question 6 | 9 | Slave trade in the Indian ocean | 176 | 6 | 0 | 0.71 |
| Question 7 | 9 | Resistance | 177 | 9 | 0 | 1.79 |
| Question 8 | 9 | Colonial administrative system | 176 | 8 | 0 | 2.50 |
| Question 9 | 15 | Evolution of man, environment, technology | 172 | 14 | 0 | 8.67 |
| Question 10 | 15 | Colonial economy | 159 | 14.5 | 0 | 8.37 |
| Question 11 | 15 | Africa and external World | 27 | 13 | 0 | 5.04 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 178 | 0 | 18 | 160 | 4.8427 | 48/100 | 31/63 | 18/34 |

GRADE : A=0; B=0; C=10; D=8; F=160;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|---------------|--------------|---|-----------------------|----------------------|---------------------|----------------------|
| Question 1 | 6 | Numbers, Decimal and percentages | 178 | 6 | 0 | 1.86 |
| Question 2 | 6 | Fractions, logarithms | 178 | 6 | 0 | 0.31 |
| Question 3 | 6 | Sets, Probability | 178 | 5 | 0 | 0.38 |
| Question 4 | 6 | Coordinate Geometry, Vector | 178 | 6 | 0 | 0.98 |
| Question 5 | 6 | Geometry, areas and perimeter | 178 | 6 | 0 | 1.16 |
| Question 6 | 6 | Rates and variations, Ratios, profit and loss | 178 | 6 | 0 | 1.57 |
| Question 7 | 6 | Ratios, profit and loss, accounts | 178 | 6 | 0 | 1.72 |
| Question 8 | 6 | Sequence and series | 178 | 4 | 0 | 0.24 |
| Question 9 | 6 | Trigonometry | 178 | 3.5 | 0 | 0.18 |
| Question 10 | 6 | Quadratic equation, algebra | 178 | 6 | 0 | 0.46 |
| Question 11 | 10 | Circle, statistics | 178 | 10 | 0 | 2.07 |
| Question 12 | 10 | Three dimension figures, Earth as the sphere | 177 | 5 | 0 | 0.55 |
| Question 13 | 10 | Matrices and transportation | 178 | 10 | 0 | 1.87 |
| Question 14 | 10 | Linear programming, function | 178 | 4 | 0 | 0.33 |