



CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
CSSC EXAM FOR CHURCH SCHOOLS - EASTERN ZONE
FORM FOUR PRE-NATIONAL EXAMINATION, AUGUST 2023

EMBEKO LUTHERAN SECONDARY SCHOOL
FORM FOUR SUBJECTS PERFORMANCE REPORT - 2023

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|--------------|--------|----------|--------|--------|--------|------------------------|
| PHYSICS | 14 | 0 | 13 | 1 | 3.6429 | Grade D (Satisfactory) |

GRADE : A=0; B=0; C=6; D=7; F=1;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 14 | 7 | 1 | 4.21 |
| Question 2 | 6 | Motion in a straight line | 14 | 3 | 0 | 1.07 |
| Question 3 | 9 | Simple machine, force | 14 | 9 | 0 | 3.00 |
| Question 4 | 9 | Thermal expansion | 14 | 6 | 1 | 3.64 |
| Question 5 | 9 | Structure and properties of matter, Archimedes principle and law of flotation | 14 | 7 | 0 | 3.39 |
| Question 6 | 9 | Density and relative density in Archimedes principle | 14 | 4 | 0 | 1.93 |
| Question 7 | 9 | Radioactivity. thermal expansion | 14 | 4 | 0 | 1.86 |
| Question 8 | 9 | Newtons law of motion, scalar and vector, light part II | 14 | 4 | 0 | 0.93 |
| Question 9 | 15 | Radioactivity | 10 | 10.5 | 0 | 5.00 |
| Question 10 | 15 | Thermionic emission | 10 | 8 | 1 | 3.60 |
| Question 11 | 15 | Electronics | 7 | 6 | 0 | 1.43 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | | 14 | 24 | 12 | 20.00 |
| Question 2 | 25 | | 14 | 25 | 14.5 | 19.75 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|--------------|--------|----------|--------|--------|--------|-------------------|
| CHEMISTRY | 17 | 0 | 17 | 0 | 3.2941 | Grade C (Good) |

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

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 9 | Various topics | 17 | 7 | 2 | 3.71 |
| Question 2 | 6 | Soil chemistry | 17 | 6 | 0 | 3.47 |
| Question 3 | 9 | Energy and fuel, mole concept | 17 | 7 | 0 | 1.53 |
| Question 4 | 9 | The theory of electrolysis | 17 | 8 | 0 | 2.71 |
| Question 5 | 9 | Structure of an atom | 17 | 7 | 0 | 2.35 |
| Question 6 | 9 | Periodic classification | 17 | 8.5 | 1 | 5.94 |
| Question 7 | 9 | Non metal and their properties | 17 | 6 | 0 | 3.00 |
| Question 8 | 10 | Organic chemistry | 17 | 3 | 0 | 0.76 |
| Question 9 | 15 | Non metal and their properties | 3 | 10 | 4 | 6.17 |
| Question 10 | 15 | Soil chemistry | 17 | 14 | 10 | 13.47 |
| Question 11 | 15 | Matter | 14 | 10 | 1 | 5.07 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | | 17 | 22 | 9 | 14.29 |
| Question 2 | 25 | | 17 | 22 | 4 | 16.29 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|--------------|--------|----------|--------|--------|--------|------------------------|
| BIOLOGY | 35 | 0 | 17 | 18 | 4.4000 | Grade D (Satisfactory) |

GRADE : A=0; B=0; C=4; D=13; F=18;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| PAPER 1 | | | | | | |
| Question 1 | 10 | Various topics | 35 | 9 | 1 | 4.54 |
| Question 2 | 6 | Balance of nature | 34 | 6 | 0 | 2.82 |
| Question 3 | 9 | Gaseous exchange | 35 | 8 | 0 | 2.73 |
| Question 4 | 9 | Genetics | 35 | 8 | 0 | 1.60 |
| Question 5 | 9 | Coordination | 35 | 1 | 0 | 0.11 |
| Question 6 | 9 | Reproduction | 34 | 7 | 0 | 1.94 |
| Question 7 | 9 | Excretion | 35 | 6 | 0 | 0.60 |
| Question 8 | 9 | Transport of materials | 35 | 7 | 0 | 1.51 |
| Question 9 | 15 | Gaseous exchange | 18 | 13 | 0 | 2.50 |
| Question 10 | 15 | Organic evolution | 14 | 2 | 0 | 0.29 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|-------------------------------|----------------|---------------|--------------|---------------|
| Question 11 | 15 | Health, immunity and diseases | 33 | 11 | 0 | 1.76 |
| PAPER 2 | | | | | | |
| Question 1 | 25 | | 35 | 23 | 0 | 11.29 |
| Question 2 | 25 | | 35 | 23 | 1.5 | 15.00 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|------------------|--------|----------|--------|--------|--------|------------------------|
| GEOGRAPHY | 35 | 0 | 14 | 21 | 4.4286 | Grade D (Satisfactory) |

GRADE : A=0; B=0; C=6; D=8; F=21;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 35 | 5 | 0 | 2.23 |
| Question 2 | 6 | Various topics | 35 | 6 | 0 | 2.06 |
| Question 3 | 9 | Photograph | 35 | 8 | 2 | 4.24 |
| Question 4 | 9 | Statistics | 35 | 8 | 0 | 4.49 |
| Question 5 | 9 | Physical geography | 34 | 7 | 0 | 2.32 |
| Question 6 | 9 | Research | 35 | 7 | 0 | 1.84 |
| Question 7 | 9 | Survey | 33 | 9 | 0 | 2.33 |
| Question 8 | 9 | Map reading | 35 | 5 | 0 | 2.43 |
| Question 9 | 15 | Human activities | 10 | 8 | 0 | 3.05 |
| Question 10 | 15 | Water management | 23 | 8 | 0 | 3.91 |
| Question 11 | 15 | Tourism | 35 | 8 | 0 | 2.67 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|---------------|--------|----------|--------|--------|--------|------------------------|
| CIVICS | 35 | 0 | 30 | 5 | 3.6857 | Grade D (Satisfactory) |

GRADE : A=0; B=1; C=14; D=15; F=5;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 35 | 7 | 1 | 3.80 |
| Question 2 | 6 | Economic and social development | 35 | 6 | 0 | 2.66 |
| Question 3 | 9 | Our nation | 35 | 8.5 | 0 | 2.71 |
| Question 4 | 9 | Economic and social development | 35 | 8.5 | 0 | 4.59 |
| Question 5 | 9 | Gender | 33 | 9 | 0 | 5.30 |
| Question 6 | 9 | Promotion of life skills | 35 | 6 | 0 | 1.91 |
| Question 7 | 9 | Poverty | 35 | 7 | 0 | 5.26 |
| Question 8 | 9 | Promotion of life skills | 34 | 7 | 0 | 3.69 |
| Question 9 | 15 | Human rights | 9 | 8 | 0 | 2.78 |
| Question 10 | 15 | Promotion of life skills | 35 | 14 | 0 | 7.96 |
| Question 11 | 15 | Responsible citizenship | 23 | 11 | 0 | 6.15 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|------------------|--------|----------|--------|--------|--------|------------------------|
| KISWAHILI | 35 | 0 | 14 | 21 | 4.5429 | Grade D (Satisfactory) |

GRADE : A=0; B=0; C=2; D=12; F=21;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Mada mbalimbali | 35 | 7 | 1 | 3.57 |
| Question 2 | 6 | Maendeleo ya kiswahili | 35 | 2 | 0 | 0.46 |
| Question 3 | 8 | Mawasiliano | 35 | 8 | 0 | 2.34 |
| Question 4 | 8 | Utumizi wa lugha | 35 | 8 | 0 | 2.09 |
| Question 5 | 8 | Maendeleo ya kiswahili | 35 | 7 | 0 | 0.54 |
| Question 6 | 10 | Mjengo wa tungo | 35 | 9 | 0 | 4.31 |
| Question 7 | 10 | Mjengo wa tungo | 35 | 5 | 0 | 0.47 |
| Question 8 | 10 | Uandishi wa matangazo | 35 | 7.5 | 2.5 | 4.17 |
| Question 9 | 15 | Fasihi kwa ujumla | 18 | 8 | 0 | 2.61 |
| Question 10 | 15 | Fasihi andishi | 35 | 14 | 0 | 5.70 |
| Question 11 | 15 | Fasihi andishi | 16 | 10 | 0 | 3.97 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|-------------------------|--------|----------|--------|--------|--------|-------------------|
| ENGLISH LANGUAGE | 35 | 0 | 11 | 24 | 4.6000 | Grade F (Fail) |

GRADE : A=0; B=0; C=3; D=8; F=24;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 35 | 6 | 0 | 1.77 |
| Question 2 | 6 | Conditional sentences | 35 | 6 | 0 | 2.40 |
| Question 3 | 9 | Sentences | 35 | 4 | 0 | 1.60 |
| Question 4 | 9 | Dictionary use | 35 | 7 | 0 | 2.43 |

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 5 | 9 | Listening to and understanding simple oral texts | 35 | 4 | 0 | 0.63 |
| Question 6 | 9 | Various topics | 35 | 8 | 0 | 3.26 |
| Question 7 | 9 | Various topics | 31 | 9 | 0 | 1.32 |
| Question 8 | 9 | Writing cards and messages | 34 | 5 | 0 | 1.40 |
| Question 9 | 15 | Reading literary works | 23 | 12 | 0 | 5.17 |
| Question 10 | 15 | Reading literary works | 8 | 11 | 4 | 7.63 |
| Question 11 | 15 | Reading literary works | 25 | 11 | 0 | 8.24 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|--------------|--------|----------|--------|--------|--------|-------------------|
| HISTORY | 35 | 0 | 9 | 26 | 4.6857 | Grade F (Fail) |

GRADE : A=0; B=0; C=2; D=7; F=26;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 10 | Various topics | 35 | 9 | 0 | 3.11 |
| Question 2 | 6 | Development of social and political organization pre-colonial Africa | 35 | 5 | 0 | 1.89 |
| Question 3 | 9 | Development of social and political organization pre-colonial Africa | 35 | 7.5 | 0 | 2.61 |
| Question 4 | 9 | Establishment of colonialism | 35 | 6 | 0 | 1.64 |
| Question 5 | 9 | Africa in international Affairs | 35 | 1 | 0 | 0.06 |
| Question 6 | 9 | Early contact between Africa and external world | 35 | 8 | 0 | 1.50 |
| Question 7 | 9 | Colonial social services | 35 | 8 | 0 | 2.80 |
| Question 8 | 9 | Crisis in the capitalist system | 34 | 6 | 0 | 1.22 |
| Question 9 | 15 | Establishment of colonialism | 22 | 9 | 0 | 1.95 |
| Question 10 | 15 | Africa in international affairs | 29 | 10 | 0 | 3.74 |
| Question 11 | 15 | Nationalism and decolonization | 15 | 12.5 | 0 | 5.10 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|-------------------|--------|----------|--------|--------|--------|-------------------|
| BASIC MATHEMATICS | 35 | 0 | 6 | 29 | 4.8286 | Grade F (Fail) |

GRADE : A=0; B=0; C=0; D=6; F=29;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 6 | Decimal, numbers | 35 | 6 | 0 | 2.20 |
| Question 2 | 6 | Exponents, radicals, numbers I | 35 | 6 | 0 | 1.10 |
| Question 3 | 6 | Sets, probability | 35 | 3 | 0 | 1.60 |
| Question 4 | 6 | Coordinate II, vectors | 35 | 4 | 0 | 0.71 |
| Question 5 | 6 | Area and perimeters, congruence and similarity | 35 | 3 | 0 | 0.50 |
| Question 6 | 6 | Units, rates and variation | 35 | 6 | 0 | 1.40 |
| Question 7 | 6 | Ratio, profit and loss, accounts | 35 | 6 | 0 | 1.57 |
| Question 8 | 6 | Sequence and series | 35 | 1 | 0 | 0.03 |
| Question 9 | 6 | Trigonometry | 35 | 0 | 0 | 0.00 |
| Question 10 | 6 | Quadratic, algebra | 35 | 4 | 0 | 0.17 |
| Question 11 | 10 | Statistics, circles | 35 | 7 | 0 | 2.36 |
| Question 12 | 10 | Three dimensional, the Earth as a sphere | 32 | 8 | 0 | 1.94 |
| Question 13 | 10 | Matrices and transformation | 34 | 3 | 0 | 0.15 |
| Question 14 | 10 | Functions, linear programming | 28 | 3.5 | 0 | 1.21 |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA | COMPENTENCY LEVEL |
|-----------------|--------|----------|--------|--------|--------|------------------------|
| BIBLE KNOWLEDGE | 32 | 0 | 24 | 8 | 3.8750 | Grade D (Satisfactory) |

GRADE : A=0; B=3; C=6; D=15; F=8;

| NUMBER | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1 | 20 | Various topics | 32 | 14 | 1 | 5.56 |
| Question 2 | 5 | Genesis | 32 | 4 | 0 | 1.06 |
| Question 3 | 9 | Joshua | 32 | 3 | 0 | 2.69 |
| Question 4 | 9 | Acts of the Apostles | 32 | 7 | 0 | 2.72 |
| Question 5 | 9 | Gospel of Mathew | 28 | 8 | 2 | 6.39 |
| Question 6 | 9 | Gospel of Mathew | 16 | 2 | 0 | 0.13 |
| Question 7 | 9 | Gospel of Luke | 21 | 9 | 0 | 1.86 |
| Question 8 | 9 | Gospel of Luke | 12 | 7 | 0 | 0.92 |
| Question 9 | 9 | Gospel of Luke | 16 | 9 | 0 | 5.25 |
| Question 10 | 9 | Gospal of Mathew | 5 | 4 | 0 | 1.00 |
| Question 11 | 15 | Genesis | 32 | 15 | 6 | 11.88 |
| Question 12 | 15 | Genesis | 23 | 15 | 0 | 7.96 |
| Question 13 | 15 | Acts of teh Apostles | 2 | 13 | 0 | 6.50 |