

UNICENT GROUP OF SCHOOLS

93B EWEKA STREET, OFF UPPER LAWANI ROAD,
OPPOSITE LUCKY STREET JUNCTION,
NEW BENIN, BENIN CITY.

PROJECT WORK FOR SS2 FIRST TERM 2018

INSTRUCTION: TO BE SUBMITTED ON OR BEFORE 18TH SEPTEMBER 2018

ECONOMICS

1. What is an economic system?
2. List and explain the various types of economic system with their characteristic features, advantages and disadvantages.

CIVIC EDUCATION

1. Who is a citizen?
2. What do you understand by the term citizenship education?
3. Discuss ten (10) duties and obligations of citizens to their communities
4. Discuss ten (10) attributes that promotes national unity

CRS

Explain Moses as a leader:

- i. The early life and call of Moses
- ii. God equips and sends Moses to lead the Israelites out of Egypt and
- iii. How Moses lead his people out of Egypt (Exodus 14: 1-31, 32: 1-14, Num 13: 1-33, 14:1-19)

CHEMISTRY

1. Explain why antacid tablet for gastric patients work better if they are chewed before being swallowed
2. Both the effect of particle size and the effect of concentration on the rate of reaction can be studied using data logging. Use the internet to find out more about the application of data logging
3.
 - a. Why are the pages of old books fragile?
 - b. Aluminum tetraoxosulphate (vi) is often used to treat paper, overtime, the aluminium ions (Al^{3+}) in paper reacts with moisture in the air to produce hydrogen ions (H^+). Hydrogen ions breakdown the cellulose in paper and make paper brittle.

Suggest methods that can be used to slow down this chemical reactions. Use the internet to help you

PHYSICS

1. Using wood construct:
 - i. A Knife edge
 - ii. A metre rule of 1m calibrated both in mm and cm

GEOGRAPHY

On not less than 3 full scap sheets, discuss in detail how soil and climate affect vegetation

BIOLOGY

1. Explain the stages of digestion of food in mammals. Show your work with a diagram
2. Draw the human heart and explain the circulation of blood in the body
3. Explain the mechanism of respiration in mammals. Show your work with a diagram

GOVERNMENT

1. What do you understand by electoral system? What are the requirement of a good electoral system
2. Discuss the meaning, essential characteristics and functions of the electoral commission
3. Suggest the measures that should be adopted in order to ensure the independence and impartiality of the electoral commission

COMMERCE

1. Discuss in detail career opportunities in commerce
2. Discuss the factors to be considered when choosing a career.

MATHEMATICS

Using the alphabets with the code

A, B, C, D to Z

1, 2, 3, 4 to 26

α = sum of the numbers representing the letters of your name

β = sum of the numbers representing the letters of your surname

\emptyset = product of the numbers representing the letters of your name

∞ = product of the numbers representing the letters of your surname

1. With the use of mathematical tables, evaluate the following: (i) 7590α

(ii) $\emptyset \div 56$ (iii) $\frac{70.74 \times \beta}{\infty \times 305.4}$ (iv) $\frac{\infty^{\frac{1}{5}} \times 7.5^3}{90.5^{\frac{1}{3}}}$

(v) $\sqrt[3]{\left(\frac{\alpha\beta}{\infty\emptyset}\right)^2}$

2. Vivian has just secured a job in a big company as a clerical officer. Her starting salary is ₦180000 per annum with annual increment of ₦2000. Determine her salary in the 20th year and find the total salary she would have earned in the first 20 years

ENGLISH LANGUAGE

Write an essay for publication in one of the newspapers **WHY CULTISM IS RAMPANT AND SUGGEST THREE POSSIBLE SOLUTIONS TO ERADICATE THIS MENACE.**

FURTHER MATHEMATICS

1. (a) Simplify $\frac{(2^{2x})^3(3^{3x})^2}{6^{6x}}$ (b) If it is given that $5^{x+1} + 5^x = 150$, find x

2. (a) make t the subject of formula in $S = ut + \frac{1}{2}at^2$
3. (a) find P if $\frac{x-3}{(1-x)(x+2)} = \frac{P}{(1-x)} + \frac{4}{(x+2)}$
- (b) Resolve $\frac{4x-1}{2x^2+5x+2}$ into partial fraction
4. (a) The third term of an A.P is $4x - 2y$ and the 9th term is $10x - 8y$. find the common difference
- b. If $K - 1, 2K - 1, 3K + 1$ are three consecutive terms of a geometric progression. find the possible values of the common ratio.

LITERATURE

1. Create a short story (prose) of ten chapters (maximum words for a page is 150)
- Our story should possess originality
 - Themes =
 - Plot
 - The story should be focused on either comedy, tragi comedy or tragedy. (the story should be one of the above mentioned)
 - Lastly ensure to write out the themes of the story and give a summary at the end of the story

MARKETING

- List the various documents used in transportation in marketing and explain them
- Explain the function of distribution channel:

C. R. S

- Discuss Saul's disobedience after his call as king
- Highlight the consequences of Saul's disobedience