**FEDERAL GOVERNMENT GIRLS’ COLLEGE UMUAHIA 2023/2024 FIRST TERM SS3 HOLIDAY PROJECT.**

**SS3 PHYSIC**

A body of mass 20g performs a simple harmonic motion at a frequency of 5Hz at a distance of 10cm from the mean position, its velocity is 200cm/s. calculate it's(. A.) Maximum displacement from the mean position,(b) maximum velocity,(c) maximum potential energy (g=10m/s2 ,π=3.14)

**SS3 FOODS AND NUTRITION**

1. Who is an entrepreneur?

2. Mention types of entrepreneurship and their benefits in Nigeria

3. What impact have entrepreneurship made in Nigerian economy

4. Come with white apron and cap

**USING QUARCOOPOME CRS TEXT BOOK FOR SS3**

ANSWER THE FOLLOWING QUESTIONS

1---- what was Paul's exposition of the concept of Justification by Faith in Romans?

1b---- Mention two fruits to be derived from this concept.

**SS3A FINANCIAL ACCOUNTING.**

Solve more exercises on branch accounts and read consignment accounts. Also, solve exercises on it on your own

**SS3 GARMENT MAKING.**

MAKE-UP YOUR COURSE WORK FROM SS1 - 3 BY DEMONSTRATING YOUR SKILLS IN SEWING:

1. A gown with fullness

2. A skirt or top

3. A knicker or trouser

Note: Come along with the above dresses and also with your brown paper, calico material and other sewing tools.

**SS3 GOVERNMENT**

1. State ten reason why it is not good for civil servant to be partisan.

**SS3 VISUAL ART**

In a well framed work make a ‘papeir mache’ art work

**SS3 DYEING & BLEACHING**

(1)1Producing block print design with 2 yards of fabric

Colour: Not more than 3 colours.

**SS3 ECONOMICS**

1. State and explain five reasons each for the establishment of ;
2. African Development Bank
3. Economic Commission for Africa
4. Discuss any five challenges of HIV/AIDS to the Nigerian Economy

**SS 3. AGRICULTURE SCIENCE**

Write on the Application of Demand and supply in Agricultural Production.

**SS3 FISHERY**

Draw and label cage culture.

Draw and label 10 to 15 cm of any species of catfish.

**SS3 MATHEMATICS**

Given that A = $\left(\begin{matrix}3&2&-1\\1&0&1\\2&-2&0\end{matrix}\right)$ and B =$\left(\begin{matrix}4&2&-3\\3&-1&1\\0&-2&2\end{matrix}\right)$

 Evaluate:

1. 3A $-$2B
2. $\left|3A-2B\right|$

**SS3 FURTHER MATHEMATICS**

1a. Find the centre and radius of a circle$3x^{2}+3y^{2}+12x-6y-45=0$

1b. Find the equation of the normal to the circle in (a) at (2,3).

**SS3 DATA PROCESSING**

1. (a) Following the recent coup in Niger, browse and state the reasons/causes for the Niger coup.

(b) Using the answers in 1a above, create a presentation using Power point not less than 10 slides.

(c) Use your name and class as the footer

**(d)** Package your presentation into an empty CD

(to be submitted immediately after first assembly)

**SS3 COMPUTER**

1. Explain the following:
2. Computer Network
3. Types of Computer Network
4. Network topology
5. Network devices and examples