MADONNA MODEL SECONDARY SCHOOL, OWERRI
S. S. 2 EASTER ASSIGNMENT 2021/2022

AGRIC SCIENCE: ASSIGNMENT: Enumerate six impediments to the success of commercial agric in Nig. 2. Mention two aims each of the following government's intervention programmes in agricultural development in Nigeria (i) farm settlement scheme (ii) agro service centre

LITERATURE: Assignment: Read and summarize the novel 'Second class citizen' by Buchi Emecheta
Project: Identify and discuss the subject matter in the poem "raider of the treasure trove' by Lade Wosornu

GOVERNMENT:
Assignment: Discuss the strategies and method of acquisition of colonial territories in West Africa by Britain
Project: Group A: Classes in the civil service in a hierarchical order.
Group B: The political structure of the Igbo society during the pre-colonial era

CHEMISTRY: Work on unit four (4) of your chemistry workbook/ continuous assessment by Mrs. E. C. Ogu page 26 -- 33

PHYSICS: (1) If an electrical bulb is rated 60W, 240v, find the resistance of the lamp.
2.   A stone of mass 0.5kg is dropped from a height of 12m, calculate its maximum kinetic energy
3.   Calculate the work done on load of ION, when pushed through a distance of 5m. (a)lONm (b)50Nm (c)50J (d)50W (e) 50N

ANIMAL HUSBANDRY: Assignment
I a.   List ten common grasses of livestock in Range land and their botanical names
b.   Common legumes of livestock in range land and their botanical names

CIVIC EDUCATION: Project: Write on the history of Nigeria from (1960 --2021)
Assignment: (i) What is drugs? (2) Differentiate between drug abuse and drug addiction
3.   Identify any five behaviours of drug addict?

ENGLISH LANGUAGE: Assignment; Comprehension exercise ; Read the extract: A wind fall in march in page 87 to 88 and answer the questions at the end.
Project: Summary exercise Read the magazine article in 'The Rights of mother Earth' in page 79 of your English language text book ad answer the questions that follow.

COMPUTER STUDIES : (1) Define computer program (b) List four characteristics of computer program and explain them (2) Itemize the precautions in writing a good computer program
(3) Outline the steps involved in program development.

FRENCH Ecrivez tous ce que vous connaissez sur le sufet 'passe compose'

BOOKKEEPING: Project: Use a cardboard sheet to draw manufacturing, trading, profit and loss account
Assignment: 1. (A) state five features of joint stock companies (b) list the contents of a memorandum of association. (2) Explain the following terms (a) consignment account (b) consignor (c) consignee
(d) delcrede commission (e) proforma invoice

ECONOMICS: (A) Define revenue and cost?

Output of beans (kg)	Total revenue (#)	Marginal revenue (#)	Total cost (#)	Marginal cost (#)
10	150	-	250	-
20	200	5	300	5
30	350	15	430	13
40	450	F	500	7
50	550	5	550	M
60	600	5	580	3
70	630	x	700	12

a)   Find the value of F, M and X (bi) What would be the profit-maximizing output of the firm
ii) If this firm were operating under perfect competition, what would be the price of its produce?

BIOLOGY: In a tabular form, state/list the excretory structure/organ/organs and the excretory product or products of each excretory structure/organ of the following organisms:

    (i)   Humans (11) birds (iii) reptiles (iv) amphibians (v) fishes (vi) protozoans (vii) insects (viii) spiders (ix) flatworms (x) earthworms (xi) green plants (xii) crustaceans

FURTHER MATHS: A. Compound angle formulae break down the following trigs

1. $\sin(A\pm B) = \sin A \cos B \pm \cos A \sin B$ (2) $\cos(A\pm B) = \cos A \cos B \mp \sin A \sin B$

3. $\tan(A \underset{-}{+} B) = \dfrac{\tan \underset{-}{\pm} \tan B}{1 \mp \tan A \tan B}$

B.   Multiple Angle formulae: I give or break down the following

1.   Sin formula   Sin 2a i.e. $\sin(A + A$

2.   Cosine formular Cos 2A ie. $\cos(A \pm A)$ (3)   tan 2A i.e. $\tan(A + A)$

C.   Multiple Angle formulae: II break the following down

1. $\sin 3A = S(A + 2A)$ (2) $\cos 3A = \cos(A + 2A)$ (3) $\tan 3A = \tan(A \pm 2A)$