

# MADONNA MODEL SECONDARY SCHOOL, WORKS LAYOUT OWERRI.

## EASTER HOLIDAY ASSIGNMENT 2024/2025 SESSION

### S.S. 2

**FOOD AND NUTRITION** Write fully on chemical method of food preservation

**COMPUTER STUDIES** 1. Explain the following (i) word processing (ii) word processor

1. State and explain the features available in word processor

**ANIMAL HUSBANDRY**

1. Define the term "rangeland" (b) Mention five ways in which rangelands are important to livestock
2. Briefly discuss four methods of rangeland management

PROJECT: Get to the field, uproot five grasses and state their common and botanical names.

**CIVIC EDUCATION**

Read theme 5 of your civic education text book captioned; "Achieving popular participation in politics"

Use your civic workbook to answer the questions asked to pass it for marking immediately you are back from holiday

**GOVERNMENT** 1. Clifford's constitution of 1922 – features, merits and demerits

2. Richard's constitution of 1946 - features, merits and demerits

**ENGLISH LANGUAGE**

ASSIGNMENT: In three paragraphs only, narrate how your family celebrate their easter period.

**LITERATURE-IN-ENGLISH** Read the novels: "So the path does not die and the redemption road again"

You will have an oral text in the class.

**GEOGRAPHY**

1. Draw an outline map of Nigeria and on it, show and name (i) the rivers Niger and Benue (ii) North central plateau (iii) Western Highlands (uplands) (iv) Eastern Highland (v) Udi Plateau
2. Discuss Nigeria under the following headings: (i) location (ii) position (iii) size

**PHYSICS**

1. Expand on the word "Eclipse of the sun, moon and annular eclipse of the sun"
- b. draw the whole eclipses. (sun, moon and Annular) (c) Summarise the Term "heat Energy"
2. Summarise the term "Heat Energy" b. State the differences between Heat and Temperature
3. State the specific heat capacity of the following substances – (a) lead (b) mercury (c) brass (d) copper (e) glass (f) methylated spirit (g) water
- b. Calculate the mass of iron, with heat capacity of 900Jk in Kelvin.
- c. What quantity of heat is needed to raise the temperature of 20kg of aluminium through 10 Kelvin
4. Calculate the volume fraction change of a fixed mass of gas whose pressure is tripled
- b. The pressure of a fixed mass of gas is given as 850cmHg. Volume is 20cm<sup>3</sup>, calculate the volume of gas when it's pressure is 600cmHg.
- c. The pressure of a gas at constant volume is 100cmHg at 27c. Calculate the pressure at 87<sup>o</sup>c.
5. The pressure of a gas at constant volume registered 150cmHg at 0<sup>o</sup>c, and 300cmHg at 50<sup>o</sup>c, calculate the absolute temperature
- b. Define the following: Boyles law, Charles law, Gay Lussac's Law and general Gas laws
- c. What is wave? (ii) State two classes of waves (iii) state two types of waves

**IGBO LANGUAGE:**

**Nke mbu:** Dee edemede otu ihu akwukwo na okara n'isiokwu a: 'Ntunye m iji hu na ogbe/ gburugburu m di nnoo ocha dika ezigbo nwaafu Igbo.

**Nke abuo:** Jisie ike tinye akara udaolu otu o kwesiri n'okwu ndi a:

- a. Gburugburu (surrounding)
- b. Okamuta (academic doctor)
- c. Okankzui (lecturer)
- d. Egbe-eligwe (thunder)
- e. Amuma mmiri (lightening)

**CHRISTIAN RELIGIOUS KNOWLEDGE**

A. Give account of Joshua's farewell address (b) Outline two leadership qualities which he manifested during this occasion.

**AGRICULTURAL SCIENCE:**

1. Define forest and forestry (2) Mention three importance of forestry (3) Mention 2 implications of deforestation