



**CORONA SECONDARY SCHOOL  
AGBARA**

**HALF TERM ASSIGNMENT FOR SECOND TERM, 2023/2024**

**CLASS: YEAR 11**

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**GENERAL INSTRUCTIONS**

**Submission Deadline**

All assignments will be submitted on Monday, 26<sup>th</sup> February 2024.

**Questions**

Students should note sections for each subject and read carefully:

- Subject topic(s) in focus;
- Questions and responses required;

**Rubrics**

Students should critically read rubrics as guides to how scores are weighted

**Teachers' Contact Details**

Your teacher's contact details are provided for inquiries where needed.

.....

**DATE OF SUBMISSION: MONDAY, 26<sup>TH</sup> FEBRUARY 2024**



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**A. SUBJECT: CHEMISTRY**

**Instruction:** Answer the following questions in your Test and Assignment notebook

1. Steam reacts reversibly with iron at red-heat in the following way  
$$3\text{Fe}_{(s)} + 4\text{H}_2\text{O}_{(g)} \rightleftharpoons \text{Fe}_3\text{O}_{4(s)} + 4\text{H}_{2(g)}$$
Describe and explain what happens when the conditions of the reaction are varied as follows:
  - a. Increasing the partial pressure of the steam
  - b. Adding more of the iron (II) diiron (III) oxide,  $\text{Fe}_3\text{O}_4$
  - c. Removing the hydrogen gas formed
  - d. List **three** properties of a system that is in a state of chemical equilibrium.
  
- 2a. Mention **two** salts that cause the hardness of water.
- b. When is a sample of water said to be hard?
- c. State **one** difference between the temporary and permanent hardness of water.
- d. Give **one** method of removing hardness completely from water.
- e. Mention one substance used as a coagulant in water treatment plants.

**Total Marks**

**20 marks**

**Names of Teacher:**

Sarah Bassey

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**B. SUBJECT: PHYSICS**

**Instruction:** Answer all questions in your test and assignment notebook.

1. (a) Explain total internal reflection. 2marks  
(b) Draw a labelled diagram of an optic fibre and state the function of any three of the labelled parts. 3marks  
(c) Calculate the angle of minimum deviation for a glass prism of refractive index of 1.5 when the angle of incidence is  $45^\circ$ . 3marks
  
2. (a) Explain how the length of a string and cross-sectional area affect the frequency of sound emitted by a string. Use appropriate equation to back up your explanation. 6marks  
(b) Explain the following as related to sound;
  - I. Harmonic.
  - II. Overtones.
  - III. Echo. 6marks

**Names of Teacher:**

Chukwuemeka Nwaokolo

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**C. SUBJECT: BUSINESS STUDIES**

**Instruction:** Students are to submit to my mail on or before Monday, 26<sup>th</sup> February 2024. *The activity should be done on either PowerPoint or Word document.*

For each of the following firms, indicate at least 5 each of fixed assets, current assets, current liabilities, and non-current liabilities they could have.

1. Pat's Clothes Collection Ventures
2. Yimmys Foods
3. Donald's Football Academy
4. Jonathan's Royal College
5. Dal's Winepress Inc.
6. Queen Laila Beauty Store
7. Subby's Edu-Consult
8. Jeff and Co. Industrial Estate
9. K'Reds Publishers
10. Tumi Top Bakers

**Rubrics**

- |                           |         |
|---------------------------|---------|
| 1. Use of table           | 5marks  |
| 2. Distinction of items   | 15marks |
| 3. Correctness of content | 20marks |

**Name of teacher:**

**Havilah Onorakposeha**                      **08134292978**

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**D. SUBJECT: HAUSA**

**Instruction:** Answer all questions in your test and assignment notebook.

- |   |        |
|---|--------|
| 1. a. Mece ce dangantakar Suna da Sifa?                     | Maki 5 |
| b. Kawo jimloli biyar masu dauke da Sifa.                   | Mark 5 |
| 2. a. Menene Shudadden lokaci na II a Hausa?                | Maki 2 |
| 3. b. kawo jimloli biyar dauke da lokaci nag aba na I da II | Maki 8 |

**Total: 20mark**

**Name of Teacher:**

**Bello Yusuf Muhammed**                      **08034788175**

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**E. SUBJECT: VISUAL ART**

**Instruction:** Your sculptural piece must be well packaged.

Create an origami, paper sculpture, or construction using various colored materials or sheets, and choose any lightweight material for your project.

**Dimension:** 15 cm by 10 cm

**Materials Needed:**

1. Sheets of coloured construction paper
2. Scissors
3. Glue or Tape
4. Pencils and erasers
5. Rulers
6. A variety of visual references for inspiration (optional)

**Rubrics**

- Technical Skill 6marks
- Material Usage 4marks
- Design Creativity 6marks
- Overall Presentation 4marks

Total marks: **20marks**

**Name of Teacher:**

**Name of Teacher:**

**Samuel Allen-Taylor**

**08164868296**

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**F. SUBJECT: GOVERNMENT**

**Instruction:** Answer all questions in your test and assignment notebook.

1. Identify and explain five (5) challenges faced by public corporations in Nigeria 10marks
2. Suggest any five measures that can be taken to address the challenges identified in (1) above. 10marks

**Total: 20marks**

**Name of teacher:**

**Luga Iorver**

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**G. SUBJECT: YORUBA LANGUAGE**

**Instruction:** Answer the following questions in your Test and Assignment notebook

Ounje po ni ile Yoruba, ko mewaa ninu irufe awon onunje bee ki o si salaye bi a ti n se okan ninu awon onunje ti o menuba. (There are different kinds of food in Yorubaland, write out ten of such foods and explain how one of such food is made.)

**Rubrics:**

- |                                    |         |
|------------------------------------|---------|
| 1. List of different types of food | 10marks |
| 2. Explanation of one of such food | 10marks |

**Teacher:**

**Idowu Durojaye**

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**H. SUBJECT: PHOTOGRAPHY**

**Instruction:** Answer the following questions in your Test and Assignment notebook

**Task:** With a minimum of 15 words each

1. Discuss these types of camera lens in photography.
  - i. Wide angle lens
  - ii. Telephoto
  - iii. Standard lens
  - iv. Normal lens
2. Explain portrait photography.  
(Guidelines on shooting portrait photographs)

**Rubrics:**

<b>Content:</b>	4marks
<b>Creativity:</b>	8marks
<b>Expression:</b>	4marks
<b>Mechanical Accuracy:</b>	4marks
<b>Total</b>	<b>20 marks</b>

**Names of Teacher:**

**Clara Nzekwu**

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**I. SUBJECT: GEOGRAPHY**

**Instruction: Answer all questions in your test and assignment notebook.**

1. What is a Population growth model?
2. Examine the Patterns of world population in More Economically Developed Countries (MEDCs) (sighting minimum of two examples) as well as Less Economically Developed Countries (LEDCs) (sighting minimum of two examples also)

**Reference to The New Wider Word**

**Total: 20marks**

**Name of teacher:**

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