CORONA SECONDARY SCHOOL
AGBARA

HALF TERM ASSIGNMENT FOR 2ND TERM, 2022/2023
CLASS: YEAR 11

Contents

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GENERAL INSTRUCTIONS

Submission Deadline

All assignments will be submitted on Monday, 27th February 2023.

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.

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DATE OF SUBMISSION: Thursday, 2nd March, 2023

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A.   GEOGRAPHY

Instruction: Do the Assignment in your Test and Assignment notebook. You will need the new wider world for this assignment. (Pages: 112,113,160,161,166 and 167)

1. Describe farming in the lower Ganges Basin under the headings: Physical inputs, Human/economic outputs, processes, output.   10marks
2. Why was the Green Revolution introduced in this region?   2marks
    i.   Describe three advantages of Green Revolution to local farmers   3marks
    ii.   Describe three ways in which the Green Revolution failed local farmers.   3marks
3. How has tourism been affected by changes in each of the following?
    i.   Affluence (wealth)
    ii.   Transport facilities
    iii.   Advertising and TV programs   6marks
4. Courmayeur, in the Italian Alps has become increasingly dependent on tourism. Describe its:
    - Natural beauty
    - Climate
    - Traditional way of life   6marks
                                                      Total: 30marks

Name of Teacher:
- **Chidinma Shoniran**   **0802895022**   **Chidinma.Shoniran@coronaschools.org**

B.   SUBJECT: CHEMISTRY

Instruction: Do the Assignment in your Test and Assignment notebook.

1. Define the Enthalpy of a system.   2marks
2. Write a balanced chemical equation to show what happens when each of the following compounds is heated strongly: I. $NaNO_{3(s)}$ II. $MgCO_{3(s)}$ 4marks
3. There are three (3) factors that affect the preferential discharge of ions during electrolysis. Mention them.
                                                                              3marks
4. Consider the following compounds: Cao, CaCO3, Ca(OH)$_2$, NaOH. Which of them is;
a. Is used in the manufacture of cement?   1mark
b. Is used to detect the presence of carbon (iv) oxide?   1mark
c. Is used to liberate carbon (iv) oxide when dilute acid is added   1mark
d. Is hygroscopic?   1mark
e. Is deliquescent?   1mark
5. Draw and label correctly, an energy profile graph for the catalysed and uncatalyzed reactions, showing the activation energy of each of I. An exothermic reaction II. An endothermic reaction   6 marks

Rubrics for Question 5:
- 2 marks each for *(a) well labelled coordinates (b) showing the activated peaks and activation energy arrows (c) correct exothermic and endothermic curves for reactants and products.*
                                                           Total: 20marks

Name of teacher:
- **Blessing Ezeala**   **08132561490**   **Blessing.Ezeala@coronaschools.org**

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C. SUBJECT: VISUAL ART

Instruction: Arrange the items on a table and draw.

Make a good study and drawing of the following items.
- Two apples
- A bunch of bananas.
- And a sliced water

Assessment Criteria:

i. Good use of space (that is, your drawing must be centralised and space well utilized). Size of work (A3) cardboard. That is, 30cm by 42 cm.
ii. Proportion (that is, the proper rendition of one object in relation to another)
iii. Good shading (that is, your shading must show dark, middle and lightest tones)
iv. Balance/composition (that is, there should be harmony in terms of arrangement and shapes of the objects).

Rubrics:

- Use of space: 4marks
- Proportion: 6marks
- Shading: 6marks
- Balance: 4marks

Total: 20marks

Name of Teacher:

- **Abiola George**   **08036457867**   **Abiola.George@coronaschools.org**

D. SUBJECT: GOVERNMENT

Instruction: Assignment to be answered in your Test & Assignment (T & A) Book.:

1. Explain five (5) five reasons to justify the establishment of public corporations.   10marks
2. It has been observed that public corporations in Nigeria are known for inefficiency. Suggest any five measures that can be taken to make these corporations more effective.   10marks

Total: 20marks

Name of Teacher:

- **Luga Iorver**   **08033344471**   **Luga.Iorver1@coronaschools.org**

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E.   SUBJECT: FINANCIAL ACCOUNTING
Instruction: **Answer the question in your test and assignment notes.**

Partnerships seem to strive better than sole proprietorships. Compare and contrast.

1. What is Partnership?   2marks
2. Discuss 4 advantages of partnership business over sole proprietorship   4marks
3. Discuss 4 disadvantages of partnership to sole proprietorship   4marks
4. Suggest four ways in which sole proprietorship business can survive in Nigeria   4marks
5. Toke and Muhammed are in partnership business sharing profits and losses equally. Toke had a capital of #2,000,000 while Muhammed has #1,000,000. Their drawing for the year amounted to #60,000 and #40,000 respectively. Toke's drawing was made on 1st May 2007 while that od Muhammed was on 1st July 2007. Interest on capital and drawing is 5%. The Net Profit for the period is #1,800,000 from which Muhammed is entitled to a profit of #200,000. Toke gave an additional loan of #500,000 to the firm on 1st of June at an interest of 10%. You are required to prepare the profit and loss account for the year ended 31st December, 2007.   6marks

Total: 20marks

Teacher:

- **Folasade Nafiu**   **08082385531**   **Folasade.Nafiu@coronaschools.org**

F.   SUBJECT: PHYSICS
Instruction: **Answer all the questions inside Test and Assignment book.**

1. When a mercury thermometer is heated, the mercury expands and rises in the thin tube of glass. What does this indicate about the relative rates of expansion for mercury and glass? What would happen if their expansion rates were the same?
                                                                                                              2marks
2. A certain quantity of heat is supplied to both a kilogram of water and a kilogram of iron. Which undergoes the greater change in temperature? Defend your answer.   2marks
3. In times past, on a cold winter night, it was common to bring a hot object to bed with you. Which would keep you warmer through the cold night: a 10-kg iron brick or a 10-kg jug of hot water at the same temperature? Explain.   2marks
4. A particular mercury-in-glass thermometer has 1.50C and 103.00C as its ice-point and steam point respectively. Determine the reading on the thermometer which corresponds to a temperature of 400C.   3marks
5. In desert regions that are hot in the daytime and cold at nighttime, the walls of houses are often made of mud. Why is it important that the mud walls be thick?   2marks
6. Why can you place your hand briefly inside a hot oven without harm, but you are burned if you touch the metal sides of the oven?   2marks
7. A piece of aluminium of mass 0.5 kg is heated to 1000C and then quickly transferred to water of mass 400 g at a temperature of 100C. If the resulting temperature of the mixture is 30oC and the specific heat capacity of water is 4200 Jkg-1K-1, determine the specific heat capacity of aluminium.   4marks
8. Determine the quantity of heat needed to change 20 g of ice at 00C to steam at 1000C.
9. (Specific heat capacity of water is 4.19 Jkg-1K-1, specific heat capacity of ice is 2.06 Jkg-1K-1, specific latent heat of steam is 2260 Jg-1; specific latent heat of ice is 336 Jg-1).   3marks

Total: **20marks**

Names of Teacher:

- **Uzoma Nwogu**   **08038189768**   **Uzoma.Nwogu@coronaschools.org**

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G.   SUBJECT: HARSHEN HAUSA
Instruction: Answer all the questions inside Test and Assignment book.

1. Yi bayyanin wadannan tare da misalai: Dan hanci, Balebe da baki mara ziza.   Maki 8
2. Rubuta wasika zuwa ga manajan kamfanin Takalma ka nema a baka aikin akawu.   Maki 10
3. Bayyana ma'ana saiwar kalma a Hausa.   Maki 2

Total: **20marks**

Names of Teacher:

- **Muhammed Bello**   **08034788175**   **Bello.Muhammed@coronaschools.org**

H. SUBJECT: BUSINESS STUDIES
Instruction: Answer the question in your test and assignment notes.

Anthony's Manufacturing produces wheels for cars. It holds high inventory levels so that one-off orders from major car manufacturers can be satisfied quickly. The world's big car manufacturers demand long credit periods from their suppliers of three months. Anthony's Manufacturing has prepared the following cash flow forecast for the next three months.

$000	July	August	September
Cash inflows			
Cash from debtors' payments	550	475	545
Sale of old equipment	0	0	50
Total cash in	550	475	595
Cash outflows			
Materials purchased	160	175	170
Employee costs	185	185	190
New computers	0	145	0
Other costs	155	125	135
Total cash out	500	630	495
Opening bank balance	(75)	(25)	(180)
Net cash flow	50	(155)	x
Closing bank balance	(25)	(180)	y

a.   Define 'net cash flow'.   2marks
b.   Identify two reasons why Anthony's Manufacturing needs high amounts of cash or working capital.   2marks
c.   Calculate the values for x and y in the cash flow forecast. Show your working.   4marks
d.   Amend the cash flow forecast for July assuming cash from debtors and material costs are going to be 10 per cent higher than originally forecast. Show your working.   6marks
e.   Using the cash flow forecast above, suggest two ways Anthony's Manufacturing can reduce its bank overdraft (negative closing balance). Recommend the best one to choose. Justify your advice.   6marks

Total: 20 marks.

Teacher:

- **Anthony Udeogu**   **07030703398**   **Anthony.Udeogu@coronaschools.org**

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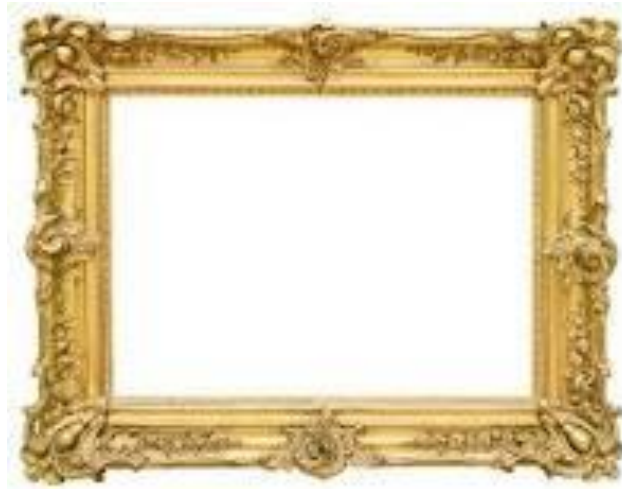## AGBARA

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I.   SUBJECT: PHOTOGRAPHY

<u>Instruction</u>: **Assignment should be sent to email address below**

Do research.

1. Identify the image above?   2marks
2. Discuss the process of mounting and framing of photograph.   12 marks
3.   Explain two methods of preserving photographs.   6 marks
                                                                 Total: **20marks**

Names of Teacher:

- **Clara Nzekwe**   **08034376354**   Clara.Nzekwu@coronaschools.org