



**CORONA SECONDARY SCHOOL
AGBARA**

HALF TERM ASSIGNMENT FOR THIRD TERM, 2022/2023

CLASS: YEAR 10

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GENERAL INSTRUCTIONS

Submission Deadline

All assignments will be submitted on Monday, 5th June 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: MONDAY, 5TH JUNE, 2023



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A. SUBJECT: ECONOMICS

Instruction: Do the assignment in your note (T & A), or type and submit (send) the mail before resumption.

Develop a chart containing the world's estimated population, broken down into the various continents and their component countries. (That is, obtain the estimated population of the countries of the world summed up into continents as well as the entire globe)

RUBRICS:

- Content: (4 marks)
- Organisation: (4 marks)
- Expression: (8 marks)
- Mechanical Accuracy: (4 marks)

Total 20marks

Name of teacher:

- **Ibironke Sonuga** **08023440193** Ibironke.Sonuga@coronaschools.org

B. SUBJECT: LITERATURE

Instruction: Answer all questions and submit via email or whatsapp.

Reference Poetry: Agostinho Neto's "The Grieved Lands of Africa"

1. In a TikTok video or PowerPoint presentation, summarise the poem and examine the structure, themes, and poetic devices of the poem.
2. Internalize at least one stanza of the poem; to be recited and presented upon resumption.

RUBRICS:

- Content (5marks)
- Creativity (5marks)
- Originality (10marks)
- Expression (5marks)
- Mechanical Accuracy (5marks)
- Presentation (10marks)

Total: 40marks

Name of teachers:

- **Mojisola Ogunlana** **08066104088** Mojisola.Ogunlana@coronaschools.org



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C. SUBJECT: HISTORY

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

“From Humans to Mere Commodities: The Trans-Atlantic Slave Trade”

Preamble:

Europeans developed the Atlantic slave trade, and American plantation slavery, (Around the 16th century) at a time when they had turned their back on slavery at home.

African slavery was encountered in the early European trading missions, but it was the shortage of labour in the Americas that sealed the Africans' fate.

The swift collapse of the population of native peoples in the Americas through disease, and the relative scarcity of European labour, made the development of American settlements tenuous. Neither European free labour nor Amerindian labour (free or enslaved) was adequate to the tasks of mining precious metals or cultivating tropical and semi-tropical produce. African slavery – and Africans, offered a solution, not least because it had been tried with great success on the sugar plantations in the islands in the Gulf of Guinea. Thus, at a time when the idea of enslaving fellow Europeans had disappeared, settlers in the Americas found African slaves an irresistible temptation.

*You are expected to carry out an independent research and **ANSWER THE FOLLOWING QUESTIONS** from your findings.*

1. Why was it Africans who were enslaved? (5 marks)
2. Why did Slavery last as long as it did? (5 marks)
3. What connections existed between slavery and the global economy (5 marks)
4. How do you think the transatlantic slave trade affected Africa (5 marks)
5. In your thoughts, what were the circumstances surrounding the abolition of slave trade (5 marks)

Total: (20marks)

Name of teacher:

• Praise Osakwe

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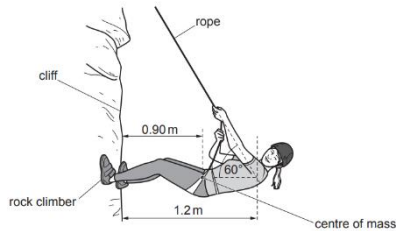
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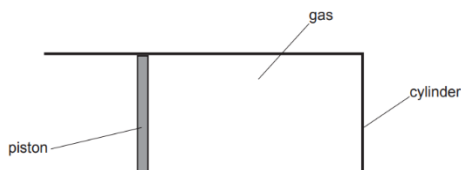
D. SUBJECT: PHYSICS

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

1. A rock climber, of total mass 62kg, holds herself in horizontal equilibrium against a vertical cliff. She pulls on a rope that is fixed at the top of the cliff and presses her feet against the cliff.



- (a) Calculate the total weight of the climber. (4marks)
- (b) State the two conditions needed for equilibrium. (4marks)
- (c) The climber's centre of mass is 0.90m from the cliff.
- (i) Calculate the moment about her feet due to her weight. (4marks)
- (ii) The line of the rope meets the horizontal line through her centre of mass at distance of 1.2m from the cliff, as shown in the figure. The rope is at an angle of 60° to the horizontal. Determine the tension in the rope. (Take $g = 10\text{ms}^{-2}$) (6marks)
2. A quantity of gas is trapped by a piston in a cylinder with thin metal walls. The piston is free to move without friction within the cylinder.



- a) The air in the freezer is at atmospheric pressure, which is $1.0 \times 10^5\text{Pa}$. The area of the piston in contact with the air in the freezer is $2.4 \times 10^{-3}\text{m}^2$.
- i. Calculate the force exerted on the piston by the air in the freezer. (4marks)
- ii. When the cylinder is first placed into the freezer, the temperature of the gas in the cylinder decreases and the air pushes the piston into the cylinder. Calculate the work done on the piston by the air in the freezer as the air pushes the piston at distance of 0.021m into the cylinder. (4marks)
- b) The initial temperature of the cylinder and the gas is 21°C and, in the freezer, the temperature of the cylinder decreases to -18°C . The thermal capacity of the cylinder is $89\text{J}/^\circ\text{C}$. Calculate the change in the internal energy of the cylinder. (4marks)

Total: 30marks

Name of teacher:

- **Chukwuemeka Nwokolo** **07057235238** Chukwuemeka.Nwokolo@coronaschools.org



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E. SUBJECT: INFORMATION AND COMMUNICATION TECHNOLOGY

Instruction: Use MS Access

1. Create a new database, save it and name it "School Database"
2. Create a table in the "School Database" with the following:

Field Name	Data Type	Field Size or Format
ID Number	Text	10
Name	Text	15
Surname	Text	15
Telephone Number	Number	Long Integer
Date of Birth	Date/Time	Medium Date
Stipend	Currency	Currency
Foreigner	Yes/No	Yes/No

3. Make the "ID Number" Field as the Primary Key.
4. Save the table as "Student's Table".
5. Open the "Students Table" and enter 5 complete records.
6. Sort the table in ascending order by surname.
7. Move the Date of Birth and Telephone Number fields so that the Date of Birth field is now directly after the Surname field.
8. Delete the last Record you have entered.
9. Change the field size of the Surname to 20
10. Save and send your presentation as an attachment to the email

RUBRICS:

- Question 1 (4marks)
- Question 2 (4marks)
- Question 3-10 (12marks)

Total 20marks

Names of Teacher:

- Aniema Akpan 08036671168 Aniema.Akpan@coronaschools.org



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F. SUBJECT: GEOGRAPHY

Instruction: Answer the question in this worksheet.

1. Describe the typical climate of an area of hot desert.

.....
.....
.....
..... (3marks)

a. Explain how the following factors influence the climate of an area of hot desert.

direction of prevailing wind
.....
..... (3marks)

atmospheric pressure
.....
..... (4marks)

b. Study Fig. 1.1 (Insert), which is a photograph of hot desert vegetation.

(i) Using Fig. 1.1 **only**, describe **three** features of the vegetation shown.

1
.....
2
.....
3
..... (3marks)

(ii) Explain how vegetation, such as that shown in Fig. 1.1, can survive in a hot desert.

.....
.....
.....
.....
..... (3marks)

