

HALLMARK SECONDARY SCHOOL, ONDO
FIRST TERM HOLIDAY ASSIGNMENT FOR 2019/2020 SESSION

CLASS: S S S ONE

CLASS: BIOLOGY

- 1a. What is cell?
 - b. Discuss briefly the classification of living organisms based on the member of cells.
 - c. Discuss the cell history.
 - 2a. Explain the forms in which cell exist.
 - b. State the cell theory.
 3. Draw and label
 - a. Animal cell
 - b. Plant cell
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CLASS: CIVIC EDUCATION

1. Discuss any named emerging issue.
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CLASS: ENGLISH LANGUAGE

1. You are the Chief Speaker in a debate titled “The closure of Nigerians Land Borders will the more good than Harm to the country” Write your speech for or against this proposition. You are expected to write an essay of 400 words.
 2. Write a letter to your friend in another state telling him at least three interesting things that happened in your school during the just concluded term.
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CLASS: FURTHER MATHEMATICS

Solve the following questions:

1. Simplify the following:
 - a. $\sqrt{98}$
 - b. $\sqrt{200}$
 - c. $\sqrt{240}$
 - d. $\sqrt{72}$
2. Express the following as a single surd
 - a. $5\sqrt{3}$
 - b. $3\sqrt{7}$
 - c. $7\sqrt{6}$
 - d. $11\sqrt{6}$
3. Evaluate
 - a. $2\sqrt{12} + 3\sqrt{48} - \sqrt{75}$
 - b. $5\sqrt{12} + 4\sqrt{72} - 3\sqrt{18} + 2\sqrt{75}$
4. Give that $\frac{1}{\sqrt{7} - 1} - \frac{1}{\sqrt{7} - 3} = a + b\sqrt{c}$

Where a, b, c are integers. Find the values of the constants a, b and c.

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SSS ONE

CLASS: C R K

1. Read 'The Greed of Ahab and the consequences of Ahab's greed'.
 2. Read the Greed of Gehazi and state the supremacy of God as demonstrated in the Elijah of Mount Garmel.
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CLASS: MATHEMATICS

Solve the following equations:

1. The members of a debating team form a universal set U, where $U = \{Ade, Baba, Dauda, Grace, Ekanem, Muhammed, Rose, Sola, Sharon, Tayo\}$
If $A = \{\text{members whose names end in a}\}$
 $B = \{\text{members with 4 – letters names}\}$
 $C = \{\text{members whose names begin with S}\}$
List the following sets
 - a. $A \cup B$
 - b. $A \cup C$
 - c. $B \cup C$
 - d. $A \cap B$
 - e. $B \cap C$
 - f. $A \cap C$
 - g. $(A \cap B \cap C)^1$
 - h. $(A \cup B \cup C)^1$
 2. The 90 men that visited a restaurant take one of pounded yam, rice or amala. 10 take pounded yam and rice, 19 take rice and amala and 29 take pounded yam and amala. X men take all the three menu 2x men each take only one food item.
 - a. How many men take all three food items?
 - b. How many men take at least two food items?
 - c. How many men take at most two food items?
 - d. How many men take two food items only?
 3. Solve for x in
$$\frac{2x-1}{3} - \frac{3x-1}{4} = 1$$
 4. Demola is two years older than Deji and Tobi is half of Demola's age. The sum of their ages is 23. How old is Deji
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CLASS: CHEMISTRY

1. Write a comprehensive note on the discovery of the three subatomic particles, clearly stating the following:
 - scientists who discovered each
 - the experiment performed to determines these subatomic particles
 - the nature of each of the subatomic particles
2. Illustrate the various ways the chemical symbol of element can be derived
3. State the law of chemical combination.

4. Visit any facts industry in your area and itemize any separation technique in operation there, write a short note on this

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SSS ONE

ECONOMICS

PRODUCTION

- 1a. what is land?
- b. List **six** characteristics of land.
- c. Why is land very important to man?

- 2a. Define capital.
- b. List **FIVE** characteristics of capital.
- c. State and explain the types of capital.

- 3a. State the law of diminishing return.
- b. Explain any **THREE** factors that determine the size of firms.

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CLASS: YORUBA

Pa owe Yoruba mewaa to ni eranko ninu

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CLASS: GEOGRAPHY

1. With the aid of diagram show the important parallels of latitude.
2. Attempt a proof to show that the earth is spherical in shape.

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CLASS: FINANCIAL ACCOUNTING

Read the following topics at home and answer the following questions.

1. Meaning of source documents.
 2. Various types of source document.
 3. Uses of each type of source document.
- Subsidiary books of account:

Questions:

- 1a. What is source documents in accounting.
- b. List **FIVE** source documents.
- c. Write **TWO** uses of four source documents that you have mentioned in 1(b).

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CLASS: TECHNICAL DRAWING

Answer the following questions on an A4 or A3 drawing paper.

1. Construct an equilateral triangle of side length 75 mm.
2. Construct ΔABC such that $AB = BC = 60$ mm and $\angle ABC = 120^\circ$. Inscribe a circle in ΔABC .
3. Construct ΔPQR such that $PQ = QR = 70$ mm and $PR = 90$ mm. Circumscribe a circle on ΔABC .

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SSS ONE

ELECTRONICS

Answer the following questions on an A4 paper of its equivalent.

1. Briefly explain the passive sign convention with respect to power observed or power supplied by an element.
2. An electronic kettle has a resistance of 30Ω . What current will flow when it is connected to a 240V supply? Find also the power rating of the kettle.
3. Find the hot resistance of a light bulb rated 60W, 120V.
4. A 12 – V car battery supported a current of 150mA to a bulb. Calculate the energy absorbed by the bulb over an interval of 20 minutes.
5. A coil of copper wire has a resistance of 10Ω at 20°C . If the temperature coefficient of copper at 20°C is $0.004/^\circ\text{C}$, determine the resistance of the coil when the temperature rises to 100°C .

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CLASS: COMMERCE

Read the following topics at home and answer the question that follows:

1. Occupation
 - a. Meaning of occupation
 - b. Types of occupation
 - c. Some factors that determine the type of occupation people do.
- Industry
 - a. Meaning of production
 - b. Types of production
 - c. Importance of production
 - d. Factors of production

Answer the questions below:

- 1a. What is occupation?
 - b. Mention **FIVE** types of occupation with two examples each.
 - c. State **THREE** factors that determine type of occupation people do.
- 2a. Explain **FOUR** importance of production to the economy.
 - b. List all the factors of production.

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CLASS: HOME MANAGEMENT & CCP

Your aunt is expected back from the hospital this afternoon with her new born baby.

- a. Prepare her suitable lunch.
- b. Launder her dirty polyester night gown.
- c. clean her pairs of brown leather shoes.
- d. Make the baby's cot

NOTE: Write out the procedures for carrying out these activities and show your time plan/time schedule.

COMPUTER STUDIES

1. Explain Computer Software
2. Differentiate between Single User and Multi-User Operating System
3. Write short note on Windows 10 Operating system