HALLMARK SECONDARY SCHOOL, ONDO
SECOND TERM HOLIDAY ASSIGNMENT FOR 2023/2024 SESSION

CLASS: SSS ONE
SUBJECT: MATHEMATICS
1.   Buy the following items (compulsory)
- Essential maths text book for SS1
- Statistical tables and formulae (four figure tables)
- Graph book
- A complete Mathematics set
- 10 pieces of A4 paper
2.   Study the Geometric construction vividly. Open to page 315 to 326. Then: use your knowledge to
- Construct these special angles: 30^0, 60^0, 45^0, 90^0. Use 1 4a paper for this.
- Construct these derived angles/; 75^0, 105^0, 135^0, 150^0. Use 1 a4 paper for this
3.   Having understood the guidelines of geometric construction. Then:
a.   Construct a parallel sides use any convenient radius
b.   Construct a triangles WXY in which WX =8cm, $<$ WXY = 120^0 and WY = 12cm
         Construct a circle so that it touches W, X and Y. Measure the radius
c.   Using ruler and a pair of compasses only, Construct a trapezium ABCD, in which the parallel sides AB and DC are 4cm apart, $<$ DAB = 60^0, /AB/ = 8cm and /BC/ = 5cm.Measure /DC/ (WAEC)
d.   Use a ruler and a pair of compasses only to construct an inscribed circle in a triangle ABC of sides /AB/ = 8.5cm, /AC/ = 7cm and $<$ CAB = 60^0
i.   Measure the radius of the circle
ii.   Calculate the area of the inscribed circle
N.B. you are submitting 6 A4 paper for this assignment I.E 2,3a, b, c, d
4.   Get WAEC 2023 objective past questions Answer Questions 1, 2, 3, 4, 5, 8, , 10, 11, 12, 13.

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SUBJECT: ENGLISH LANGUAGE
1a.   Give <u>twenty</u> idioms and use them in sentences
b.   Give <u>twenty</u> phrasal verbs with copious examples
2a.   Give <u>ten</u> words for the following etymology
i.   Greek
ii.   Latin
iii.   French
iv.   Spanish
        Read on the following topics
1i.   Clauses and phrases
ii.   Sentences and types
iii.   Clauses and types
iv.   Conjunctions and types

v.   Synonyms & Antonyms
vi.   Rules for public speaking and speech Delivery
2i.   Concord
ii.   Rules of concord
iii.   Relative Pronouns
v.   Topic Sentences
vi.   Different types of Essay Writings

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SUBJECT: BIOLOGY
Study the following topics and answer the questions that follow;
i.   Asexual reproduction
ii.   Nutrition in Animals
iii.   Nutrition in Plants
Questions
i.   With the aid of diagrams, explain the types of Artificial vegetative propagation
ii.   Explain succinctly the types of Heterotrophic nutrition
iii.   Highlight the various steps involved in the process of photosynthesis

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SUBJECT: LITERATURE – IN- ENGLISH
African Drama: 'The Lion and The Jewel", by: Wole Soyinka
Questions:
State the characters and their characterizations in the play
Note: Buy the text and read it for your assignment

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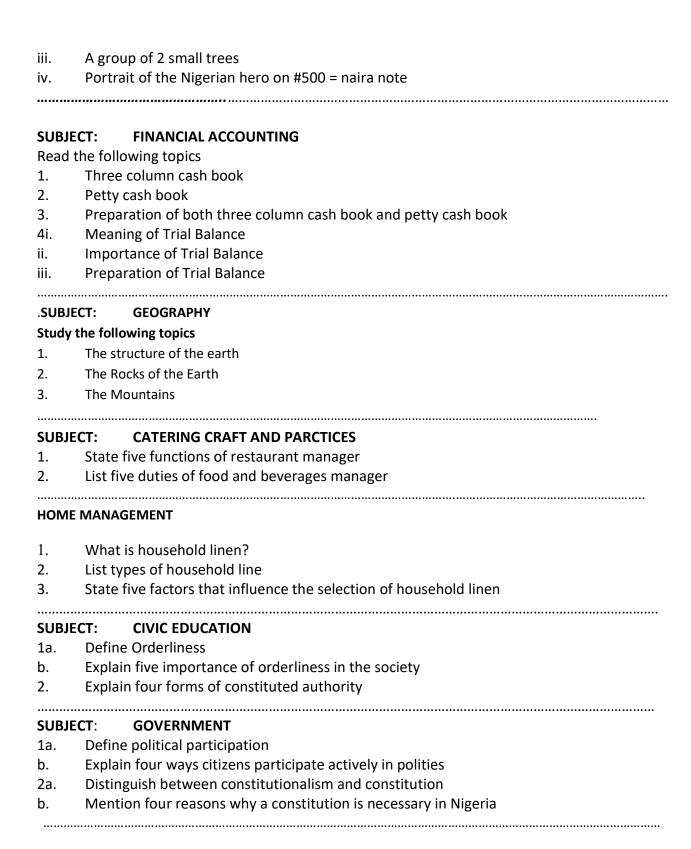
SUBJECT: HISTORY
1.   What were reasons for state creation in Nigeria
2.   Write not less than a page each on the following
i.   Discovery of crude oil and it impacts on the political and economic history of Nigeria
ii.   By January 15; 1970, the Nigerian civil war came to an end with 'No victor, No vanquished. Expatiate

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SUBJECT: DYEING/BLEACHING
1.   What is texturing in fabric decoration
2.   Mention five techniques of texturing fabrics in dyeing and bleaching
3.   List 10 tools used in Tie/dye

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SUBJECT: VISUAL ART
1a.   What is applied arts
b.   List five examples of applied arts
2a.   What is ceramics
b.   Explain four methods of making potteries
3.   Make a drawing and shading of the following object
i.   An umbrella
ii.   2tubers of yam

iii.   A group of 2 small trees
iv.   Portrait of the Nigerian hero on #500 = naira note
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SUBJECT: FINANCIAL ACCOUNTING
Read the following topics
1.   Three column cash book
2.   Petty cash book
3.   Preparation of both three column cash book and petty cash book
4i.   Meaning of Trial Balance
ii.   Importance of Trial Balance
iii.   Preparation of Trial Balance
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.**SUBJECT: GEOGRAPHY**
Study the following topics
1.   The structure of the earth
2.   The Rocks of the Earth
3.   The Mountains

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SUBJECT: CATERING CRAFT AND PARCTICES
1.   State five functions of restaurant manager
2.   List five duties of food and beverages manager
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HOME MANAGEMENT

1.   What is household linen?
2.   List types of household line
3.   State five factors that influence the selection of household linen
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SUBJECT: CIVIC EDUCATION
1a.   Define Orderliness
b.   Explain five importance of orderliness in the society
2.   Explain four forms of constituted authority
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SUBJECT: GOVERNMENT
1a.   Define political participation
b.   Explain four ways citizens participate actively in polities
2a.   Distinguish between constitutionalism and constitution
b.   Mention four reasons why a constitution is necessary in Nigeria
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SUBJECT: YORUBA
Ka oju ewe ketalelaadorun (93) si oju ewe karundinlogoorun (95) ki o si se akosile ona ti a le gba toju ara wa

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SUBJECT: PHYSICS

Read and study hard the underlisted topics

1.   Work, Energy and Power
2.   Static Electricity

Note: Solve as many problems under the topics, as possible

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SUBJECT: AGRICULTURAL SCIENCE

Study formation, composition and properties of soil and answer the following questions:

i.   Define soil

ii.   Explain how climate, parent materials, topography, biotic factors (living organisms) and time control soil formation

iii.   Write short note on the following components of soil: inorganic (mineral) matter, organic matter, soil water, soil air and soil living organisms

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SUBJECT: FURTHER MATHEMATICS

Study vigorously the following topics:

1.   Surds
- Rules of surds
- conjugate surds
- Rationalizing the denominator
- Equality of surds
- Equations in irrational forms

2.   Sequences and Series
- Sequence
- Linear sequence
- Exponential sequence
- series
- other progressions

Answer the underlisted questions

1.   Express $\dfrac{\sqrt[7]{2} \; + \; \sqrt[3]{3}}{\sqrt[4]{2} \; - \; \sqrt[2]{3}}$ in the form a + b$\sqrt{c}$

Where a, b and c are rational numbers

2.   The sum of the 6th and 8th terms of an arithmetic progression is 142. If the fourth term is 49, find the sum of the first seven terms of the progression

3.   The Second and fifth terms of a geometric progression (G.P) are 1 and $\dfrac{1}{8}$ respectively. Find the eighth term of the progression

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SUBJECT: TECHNICAL DRAWING

Study vigorously the following topic:

1.   Circles and triangles
- Parts of a circle
- circumscribing a triangle

- inscribing a circle in a triangle
- Ascribing a circle on a triangle

Answer the following questions
1. Draw a circle of 35mm radius. Show in it a chord 45mm long, a sector to contain 52^0 and a segment whose greatest height is 12mm.
2. Construct a triangle with sides 40mm, 60mm, and 80mm. Circumscribe a circle about this triangle

SUBJECT: CHEMISTRY

Read and study carefully the following to:
1. Laws of chemical combination under the following headings
a. Law of conservation of mass
- Law of definite proportion
- Law of Multiple proportion
- Law of Reciprocal proportion
b. Solve calculation problems on the above Laws
2a. The four Quantum Numbers
-. Define final state the four quantum numbers
b. The principles or Rule that govern Electron filling into orbital's
- State and define the rules

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SUBJECT: ECONOMICS

Study the topics below and answer the questions that follow:
1. Population
2. Labour market (part 1)

Questions
1. Briefly outline the views if Thomas Mathus about population
2. How valuable are such views in question 1 above relevant to the Nigeria situation today?
3. Define ageing population and explain its effect on an economy
4. Explain the term mobility of Labour
5. What is Labour force?
6. Why may labour as a mobile factor of population be unwilling to move?

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SUBJECT: FISHERY
1. What is water Quality in fishery?
2. List the parameters of water Quality optimal for fish
3. Check online and print out about the following topics:
a. Effect of turbidity on fish production
b. Fish Nutrition and fish seed materials