HALLMARK SECONDARY SCHOOL, ONDO

THIRD TERM HOLIDAY ASSIGNMENT FOR 2021/2022   SESSION

SS TWO

CATERING CRAFT PRACTICE

1a.   Define the following terms
i.   Tourism
ii.   Hotel
iii.   Welfare catering
1b.   Mention four methods of preserving meat
1c.   What are the three basic liquid for poaching
2a.   List six portion control equipment
b.   State five importance of catering
c.   List ten types of flour used in catering
d.   List six raising agents used in food preparation
3a.   State four points to consider when making stock
b.   List seven food and beverages service personnel
c.   List six types of vegetable cut
d.   mention the four parts of salad

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HOME- MANAGEMENT

1a.   List any ten cleaning agents
b.   List three types of floor coverings
c.   List any six surfaces in the home
d.   List any three possible stains on a wood surface and describe how they can be removed
2a.   Describe first-aid box
b.   List four types of accidents in the home
3a.   List any four principles of intelligent consumption of goods and services
b.   Give three advantages of each of the following
i.   market survey
ii.   Bulk purchasing

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HISTORY

1a.   Define Nationalism
b.   Explain five effects of the World War II on nationalism in Nigeria.
c.   Mention the roles of Clifford, Richard and Lyttleton constitutions to the growth of Nationalism in Nigeria

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CHRISTIAN RELIGIOUS STUDIES

1a.   What led to the selection of Matthias as one of the Apostles?

b.   How was the selection conducted?

c.   What two lessons can be learnt from this incident?

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ENGLISH- LANGUAGE

1a.   What is a clause?

b.   Differentiate between a clause and a sentence

c.   with lucid explanation, give <u>ten</u> examples each

2a.   With <u>copious</u> examples, distinguish between Nigerian and British English

b.   Differentiate between <u>phrasal verbs</u> and <u>verbal phrases</u> with examples

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MATHEMATICS

1.   Solve the simultaneous equation

a. $2x - 3y = -2$

          $x - y = 3$

b. $2/x + 5/y = 2$

          $1/x - 2/y = 6$

2.   Solve the quadratic equation

a. $2x - 3x + 1 = 0$

b. $3x^2 - 7x + 2 = 0$

3.   Calculate the total surface area of a cylinder of radius 7cm and height 2km.
          Take $\pi = 22/7$

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FURTHER MATHEMATICS

1a.   Expand the expression
          $(x - 2)^5$

b.   Use your expansion to evaluate $(- 1.99)^5$

Leave your answer in 3 decimal places

2.   Given that the binary operation * is define as x*b=atb-2ab, find;

i.   2*-3

ii.   the identity element in the operation

iii.   the inverse of the element 3

3.   Solve the quadratic equation using method of completing the square

a. $2x^2 - 3x - 5 = 0$

b. $x^2 - 2x - 11 = 0$

LITERATURE-IN-ENGLISH

1.   Write out and explain twenty-five literary devices with adequate examples.
2.   Read the text " A midsummer Night's Dream" by William Shakespeare
3a.   Read the poem "Bet" by D.H Lawrence
b.   Work on the poetic devices and themes

YORUBA

1.   Kini leta?
2.   Se atupale leta agbefe/gbefe ni kikun ati awon igbese re

BIOLOGY

1a.   With a diagrammatic illustration, show the major zones of the marine habitat
b.   Write briefly on the types of Estuary
c.   State the adaptive features of:
i.   Fresh water organisms
ii.   Estuarine organisms
iii.   Marine organisms
2ai.   Define conservation
aii.   list five methods each of conserving the following resources
1.   Forest   B.   wild life   3.   Water
b.   Highlight five conservation ageneses
c.   State five (5) problems associated with conservation of Natural Resources

GEOGRAPHY

Study the following topics
1.   Nigeria: location and position
2.   Physical setting of Nigeria
3.   Vegetation of Nigeria
4.   Population of Nigeria
5.   Resources of Nigeria
        Then answer these questions
1a.   Draw an outline map of Nigeria. On the map, locate and name:
i.   The gulf of Guinea
ii.   The Bight of Bonny
iii.   Latitude 14^0N
iv.   Longitude 8^0E and 15^0E
b.   Describe the size and location of Nigeria in relation to other countries of West African

2a.   Draw an outlined map of Nigeria. On the map, show and name

i.   The forest belts

ii.   One important in each bed belts

iii.   The Lake Chad

b.   Describe three characteristics of any one of the forest belt shown on the map

c.   Outline three ways in which the forest belts are of importance to Nigeria

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CIVIC- EDUCATION

1.   What are the causes of cultism?

2.   State effects of cultism on education and student

3.   State causes of drugs abuse

ECONOMICS

1.   Identify and explain the instruments of business finance

2.   Explain the meaning of demand and supply and market equilibrium

3.   Explain the factors affecting demand and supply

4.   Distinguish between the factors causing shift in demand and supply curve, and those causing movement   along demand and supply curves

5.   Distinguish between various types of demand

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GOVERNMENT

1.   State the advantages of public opinion

2.   What are the modes of operation of pressure groups?

3.   Enumerate factors that aid free and fair election

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PHYSICS

1.   Study expansion in liquid and gases vividly and answer the following questions.

ai.   Differentiate between real cubic expansivity and apparent cubic expansivity

aii.   Explain anomalous expansion of water

bi.   A glass bottle full of mercury has mass 500g. On being heated through 35^0C, 2..43g of mercury are expelled.

        Calculate the mass of mercury remaining in the bottle (Cubic expansivity of mercury is 1.8×10^{-4}per K, linear   expansivity of glass is 8.0×10^{-6}per K)

bii.   The density of mercury is $1.36\times10^4 kgm^{-3}$ at 0^0C. Take cubic expansivity of mercury as equal to $180\times10^{-6}K^{-1}$.

ci. A solid metal cube of side 10cm is heated from 0^0C. If the coefficient of linear expansion of the metal is 1.2x10^{-5}K^{-1}, calculate the increase in its volume and its fractional change

2. Study the following topics with solved questions clearly
- Friction and Viscosity
- Fluids at rest
- Elasticity

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CHEMISTRY
Read carefully the following topics.
(Carbon and its compounds) under the following headings and write short notes on them.

a. Occurrence of carbon
b. Unique properties of carbon
ci. Define Allotropy
cii. State the two forms of allotropes of carbon and give 3 examples in each case
d. State the properties, shape and uses of
i. Diamond ii. Graphite
e. Explain all the amorphous carbon and state their uses and properties
fi. Define the term destructive distillation of coal
fii. State/Give the 4 major products of the process and their uses
gi. Define producer and water gas and
ii. State their components iii. State their uses
iv. Draw diagram reprehensively production of producer and water gases
v. Differentiate between the two gases
h. States all the properties of carbon. Support your answer with equations and diagrams
I. What do you understand by oxides of carbon?
J. Explain from preparation, Chemical and physical properties to the uses of CO_2 and CO
K i. Explain the term carbon cycle
ii. Write all the processes involved in
a. releasing CO_2 into the atmosphere b. removing CO_2 from the atmosphere

SECTION B
Answer the objective questions on page 164 of essential chemistry for senior secondary school by I.A Odesina Ninth edition June, 2020 and question 4-7 theory part

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FINANCIAL ACCOUNTING
1. What is cash book?
- Types of cash book
- Importance of cash book
- Petty cash book
- Importance of petty cash book

- Trial balance
2 Meaning, layout rules etc
- Meaning of Bank Reconciliation
- What is cash book?
- State three types of cash book
- What is petty cash book?

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AGRICULTURAL SCIENCE

1a. Briefly explain macro and micro- nutrient stating two examples each

b. In a tabular format write 3 functions and 3 deficiency symptoms of Nitrogen and calcium

c. List 5 factors influencing nutrient availability in the soil

d. Briefly explain 6 methods of replenishing lost nutrients

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FISHERY

1a. Briefly explain 8 pre-operations that are necessary for establishing fish pond

b. Explain 5 conditions necessary for setting up a fish pond

c. State 5 steps involved before stocking a new fish pond

d. State 8 steps involved in preparing an old fish pond

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TECHNICAL DRAWING

Read the following topics vigorously:

1. Polygons: construction of regular hexagons and octagons given the length of side, distance across corners, or distance across flats.

2. Scales: Representative fraction, construction of plain and diagonal scales

Answer these questions

1. Construct a regular octagon of 45mm side

2. Draw a regular hexagon which measures 63mm across the flats. What is the size across the corners?

3. Draw a scale of 1:21/2 to show a maximum of 400mm and a minimum of 10mm

COMPUTER STUDIES

1. Define Memory
2. Differentiate between RAM and ROM
3. Write a short note of Program Development.
4. Define Networking and list four types of computer networking.