**GRADE 11**

**MID-TERM HOLIDAY ASSIGNMENT**

**ACCOUNTING**

ESSENTIAL FINANCIAL ACCOUNTING FOR SSS: Page564, EX: 34.2

**ACCOUNTING IGCSE**

The following additional information is available for the month of April 2019.

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Inventory at 1 April 2019

 Raw materials 5,900

 Work in progress 19,700

Production wages 3,000

Office wages 8,750

Purchases of raw materials 20,250

Depreciation on factory machinery 9,000

Depreciation on office fixtures 3,400

Rent paid 36,000

Factory expenses 8,200

Factory management salaries 31,000

Office management salaries 38,600

Carriage on raw materials 1,900

Revenue 103,000

Insurance 4,600

General expenses 7,400

Additional information

1. Inventory at 30 April 2019
2. Raw materials $6300
3. Work in progress $20350
4. Rent and insurance are to be apportioned 75% to the factory, 25% to the office.
5. $4000 of the factory expenses are direct expenses.
6. General expenses of $2600 relate to the office and the remainder relate to the factory.

**Prepare the manufacturing account for the month ended 30 April 2019.**

**BIOLOGY**

Define the following terms:

1. Hereditary

2. Genetic

3. Gene

4. Gamete

5. Variation

6. Genotype

Phenotype

**CATERING CRAFT**

(1) What is table laying?

(2) Give two importance of table laying

**CHEMISTRY**

1a) Define the following:

1. Heat of reaction
2. Heat of formation
3. Heat of neutralization
4. Heat of combustion
5. Heat of solution

b) State the laws of thermodynamics

c) State the conditions for a chemical change to occur spontaneously

2a. Explain the terms exothermic reaction and endothermic reactions. What is the sign of H in each of this reaction?

2b. Draw an energy level diagram for each of the following reactions:

1. Na(s) + Cl2(g) NaCl(s) H = -770kjmol-
2. C(s) + O2(g) CO2(g) H = -480KJmol-
3. H2(g) + I2(g) 2HI(g) H = +53.6KJmol-
4. C(s) + 2S(s) CS2(l) H = + 105KJmol-

3a) what is meant by i) enthalpy ii) entropy iii) free energy?

**CIVIC EDUCATION**

1. What is substance abuse?
2. List four types of drugs that can be abused
3. Define State of Emergency

**COMMERCE**

 (1) What is the difference between Accountants view of Capital and Economist view of capital

(2) List the various types of capital

**CRS**

a. Describe Solomon's dream at Gibeon.

b. For what two reasons would you approve of Solomon's request for this occasion. [WAEC 2001]

**DATA PROCESSING**

1. State 5 uses of PowerPoint

2. Write short note on the following:

    (A) Slide Transition (b) Animation

     (C) View button

3. What is Web Design?

4. Give 3 examples of Web design packages

5. Write the full meaning of the following:

(A) HTTP (b) HTML (c) TCP (d) IP (e) WAP

**ECONOMICS**

Discuss the effects of brain drain on the Nigerian economy**.**

**ENGLISH**

New Concept English basic page 204 Exercise 9 nos 1-10

**GOVERNMENT**

1. What is Government?
2. Mention the first five military heads of state of Nigeria, with their time of assumption of office and departure from office

**ICT (IG)**

1. Write short note on the following:

(A) Analysis (b) Design Stage (c) Development and testing stage (d) implementation stage Documentation

2. Write short note about the four common methods used in fact finding

**LITERATURE-IN-ENGLISH**

1. Read the concluding part of ***“LOOK BACK IN ANGER”*** (ACT 3 SCENES 1 & 2) and then summarize in not less than three paragraphs.

**T.D**

1. EX 130 page 122 Technical drawing for school certificate and GCE by J. N. Green

**MATHS**

1. If f(x)=3x+7 and g(x)=4x-8 , find (a) the inverse of f(x) (b) gof(-2)

2. The 3rd and 8th term of an arithmetic progression (AP) are -9 and 26 respectively. Find the: (I) common difference (ii) first term

**PHOTOGRAPHY**

Take a black and white picture of any still life composition and print size 8 by 10"

**AGRIC SCIENCE**

Use the information under the "Basic Economic principles" as assignment.

**PHYSICS**

1. Define a musical note.

2. Mention the three characteristics of sound and the factors on which they depen**d**

3. An electric heater immersed in some water raises the temperature of the water from 400C to 1000C in 6min. After another 25min, it is noticed that half the water has boiled away. Ignoring heat lost to the surrounding; calculate the specific latent heat of vaporization of water.

4. The image of an object is located 6cm behind a convex mirror. If its magnification is 0.6, calculate the focal length of the mirror.

**FURTHER MATHEMATICS**

1. Femi wishes to pick 2 pairs of black shoes from 5 pairs of black shoes and 3 pairs of white shoes from 7 pairs of white shoes. Find the number of ways he can make his selections.

2. When a biased coin is tossed, the probability that a head shows up is two-thirds. Find the probability that when the coin is tossed 8 times, a head will appear exactly 5 times

**GEOGRAPHY**

1. What do you understand by'' land reclamation''?

2. Name eight towns in Nigeria where land reclamation is common

3. List and explain ten reasons why people embarked on land reclamation

4. List and discuss five methods of land reclamation

5. Discuss the importance of land reclamation in the country.

**PHE**

Write a comprehensive note on Nervous system

* Definition of nervous system
* Components of nervous system: brain, spinal cord, nerves etc.
* Meaning of nutrition
* Classification of food
* Balance and unbalance diet
* Function of food
* Planning of athletic diet- i.e pre-game, during game, after game

**BUSINESS STUDIES IGCSE**

Sasha owns a business, which produces office furniture. She employs 100 workers in the operation department and 15 workers in the offices. Sasha believes in a democratic leadership style. Sasha says that being a good manager is very important to the success of the business. Very few workers leave each year. She sees no need for any of her workers to join a trade union.

1. Define democratic leadership.

…………………………………………………………………………………………………………………………………………………

1. Identify two other leadership styles Sasha could use.

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1. Outline two roles/ functions Sasha undertake as a manager of this business.

…………………………………………………………………………………………………………………………………………………………………Explain two reasons why having good manager is important to this business.

…………………………………………………………………………………………………………………………………………………………………Do you think Sasha is right to say that her workers do not need to join a trade union? Justify your answer.

#### ADDITIONAL MATHEMATICS IGSCE

1. An examination paper has two parts, A and B. There are six questions in part A and eight questions in part B. A candidate is required to do four questions from part A which must include either question 1 or question 2, and any three from part B. In how many ways can the candidate complete the paper?

2. Solve the following inequalities and show the results on a number line.

a. | x - 1 | < 2

b. | 2x - 1 | ≥ 2

c. | 1 - 3x | > 1

d. | 3 - 2x | < 5

3. On graph paper, show the region defined by the intersection of the inequalities y ≤ 2,  x + 2y ≤ 3,  x - 2y ≤ 4 and 2x + y + 2 ≥ 0

**ICT**

1. Convert the following to binary:

(a) 45 (b) 32 (c) 20

2. Convert the following to base 10

(A) 10001.  (B) 101101. (C) 11101

3. Why do we use binary digit in computer system?

4. Define Logic gates

5. What is truth Table?

**IRK**

Explain what you know about Imam Abu Hanifah