

**NEW CREATION COLLEGE  
HOLIDAY ASSIGNMENT  
SSS 2**

**MATHEMATICS**

1. New General Mathematics: Exercise 9e, questions 12 and 13
2. Exercise 10a, questions 15, 18 and 20.

**ENGLISH LANGUAGE**

You are the main speaker in an interschool debate competition with the title: "Artificial Intelligence has done more harm than good since its invention". Write for OR against.

N.B: Proper use of language is highly considered for good mark.

**PHYSICS**

1. Explain the following terms:
  - (a) Accommodation
  - (b) Binocular vision
  - (c) Lateral Inversion
  - (d) Persistence of Vision.
2. Distinguish between Secondary Colours and Tertiary Colours

**CITIZENSHIP AND HERITAGE STUDIES**

1. Explain the concept of democracy and highlight its key features.
2. Discuss electoral malpractice and its effects on national development.
3. Identify ways of preventing corruption in Nigeria.
4. Explain the importance of human rights and how they can be protected.
5. Discuss the roles of government in maintaining law and order in the society.

**DIGITAL TECHNOLOGY**

Question 1

- a. Define Algorithm
- b. State 2 functions of algorithm for problem solving
- c. Explain the term Flow chart

Question 2

- a. What is Internet?

- b. Differentiate between Internet and World Wide Web
- c. Explain the following context as regards to the Internet Technology:
  - i. DNS ii. SMTP iii. TCP/IP

### **C.R.S**

1. Discuss the leadership qualities of Moses and their relevance to modern society.
2. Explain the role of prophets in Israel with specific examples.
3. Discuss the significance of the covenant between God and the Israelites.
4. Narrate the story of King David and highlight lessons Christians can learn from his life.
5. Explain the causes and effects of disobedience to God using biblical examples.

### **GOVERNMENT**

1. What is Nationalism?
2. Write out the achievements of the following nationalist movements:
  - a) West African Students Union (WASU)
  - b) National Congress for British West Africa (NCBWA)
3. Give a brief note on the following in Oyo Empire during the precolonial era in Nigeria.
  - a) Oyo mesì
  - b) Aare Ona Kankanfo
  - c) The Ogboni
  - d) Alaafin.

### **LITERATURE**

1. Give a well detailed analysis of the poem "Night" by Wole Soyinka.
2. Define 10 figures of speech with two examples each (apart from simile, metaphor, personification).
3. Discuss any three(3) themes from the poem "Telephone Phone Call" by Freud Adcock.

### **FINANCIAL ACCOUNTING**

- 1) List and explain three ways Share can be Issue .
- 2) What is Accounting Ratio ?
- 3) Explain the term Imcomplete Records '
- 4) Define a Company

5) What do you understand by Goodwill .

### **COMMERCE**

- 1) Define Profit
- 2) State Four Factors Affecting Profit of a business
- 3) What is Turnover?
- 4) Give the meaning of the following abbreviations:

$$A = \frac{B}{C + D \div 2}$$

### **MARKETING**

1. what is international marketing.
2. State five advantages of international marketing
3. Differentiate between home trade and international trade

### **ECONOMICS**

1. Explain the incidence of taxation
2. write short note on these:
  - a. GDP
  - b. NNP
  - c. GNP

### **BIOLOGY**

1. Describe the mode of nutrition in a named carnivorous plant.
2. A farmer has two plots of land A and B. On plot A, the farmer planted several seeds of maize. On plot B the farmer planted several seeds of maize and pepper in a small area, with reasons, what type of competition would be observed on plot A and B.

### **AGRIC.SC SS2**

1. Write short notes on the following
  - i. Farm records
  - ii. Farm account
  - iii. Farm input
  - iv. Farm management
  - v. Farm marketing.

2. List four inorganic fertilizers, stating their composition and effects on soil.

### LIVESTOCK FARMING.

1. Discuss five factors a farmer must consider when formulating a feed
2. What is progeny testing? why is it considered as the most accurate method

### CHEMISTRY

- 1a. What is the role of a salt bridge in an electrochemical cell  
(b) What type of ions must flow into the cathode? Give a reason for your answer
- (2a) Define each of the following terms: I. Activation Energy; II. Exothermic reaction.  
(b) What is the significance of activated complex in a chemical reaction?
4. The following table gives the atomic numbers of elements V, W, X, Y and Z.

Element	V	W	X	Y	Z
Atomic Number	11	16	18	19	24

(3a) Which of the elements (i) belong(s) to group 1? (ii) is/are noble gases? (iii) form(s) coloured compound(s)? (iv) form(s) an atom? (v) react(s) with water to liberate hydrogen? (vi) react(s) with water to form alkaline solution.

(b) Write the formula of the compound formed between element V and element W. (i) State the type of bond formed in 4b above. Explain your answer.

(4a) What is a covalent compound? (i) Give two factors that influence covalent bonding.

(b) State the type of bond that exists in each of the following Substances: MgO, NH<sub>3</sub>

(c)What are intermolecular forces?