

## SS 1 HOLIDAY ASSIGNMENTS FOR SECOND TERM 2024

### MATHEMATICS

1. In a road worthiness test on 240 cars, 60% passed. The number that failed had faults in clutch, brakes and steering as follows. clutch only 28 , clutch and steering 14, clutch, steering and brakes 8. Clutch and brakes 20, brakes and steering only 6. The number of cars with fault in steering only is twice the number of cars with fault in brakes only.

a. Draw a Venn Diagram to illustrate this information.

b. How many cars had: I. faulty brakes?

II. only one fault?

2a. A pentagon is such that one of its exterior angles is  $60^\circ$ . Two others are  $(90 - m)^\circ$  each while the remaining angles are  $(30 + 2m)^\circ$  each. Find the value of m.

b. Simplify:  $\frac{27^{n+2} - 6 \times 3^{3n+3}}{3^n \times 9^{n+2}}$

### FURTHER MATHEMATICS

1a. Two functions g and h are defined by:  $g(x) = \frac{1}{2}x + 1$  and  $h(x) = \frac{5x-7}{3}$ . Find :

i.  $g^{-1}(x)$

ii.  $h^{-1}[g(x)]$

b. A binary operation  $\nabla$  is defined on the set of real numbers by  $x \nabla y = \frac{x^2}{y^2}$ . Find:  $(y \nabla x) \nabla y$ ?

2a. If the mid-point of the line joining  $(1 - k, -4)$  and  $(2, k + 1)$  is  $(-k, k)$ , find the value of k

b. If 8, x , y , z, 32 is an Arithmetic Progression, find the values of x, y and z.

## **AGRICULTURAL SCIENCE**

- 1a. Define Forage crops.
- b. Explain two factors affecting the distribution of pasture.
- 2a. What is farm mechanization?
- b. State two setbacks of farm mechanization.

## **ENGLISH LANGUAGE**

### **COMPREHENSION**

New Concept English for Senior Secondary School 1

Pages 229 to 230.

#### 7. Comprehension and Summary

Questions 2, 3, 4, 7

The immature coconut contains a pure wholesome and nutritious beverage having a very pleasant taste.

- i) What is the grammatical name of the underlined words?
- ii) What is its function?

### **SUMMARY**

In five sentences, one for each, summarize the effect of teenage pregnancy on the society.

### **SPEECH WORK**

New Concept English for Senior Secondary School 1 , paper 2, page 233 Question 1. a - e.

### **CIVIC EDUCATION**

- 1a. What do you understand by the term secret society?
- b. Briefly explain any **FIVE (5)** attributes that differentiate cult groups from other socio-cultural religious groups.
- 2a. Explain the term citizenship education.
- b. Highlight any **FOUR (4)** types of law.

### **ECONOMICS**

1. Distinguish between *Population and Population Census*.
- 2a. State and explain the types of Population Census.
- b. Explain any *five* of population census.

### **FINANCIAL ACCOUNTING**

- 1a. Briefly explain final accounts.
- b. Identify the accounts that make up final accounts.
- 2a. State six (6) terminologies used in trading account.
- b. Briefly explain any two (2) from the above stated terminologies.

### **COMMERCE**

- 1a. Define the term “*Banking*”
- b. Describe **five** ways by which commercial banks aid international trade.
2. Explain the following terms:
  - i. Open cheque;

- ii. Bearer cheque;
- iii. Crossed cheque.

## **CHRISTIAN RELIGIOUS STUDIES**

- 1a. Define the term "Humility"
- b. Give a detailed account of Paul's teaching on Humility
- 2a. Define Prayer
- b. List and explain **THREE (3)** conditions for an answered prayer

## **ISLAMIC RELIGIOUS STUDIES**

- 1a. Define the term An-Nikah (Marriage)
- b. Give four (4) validity of marriage.
- c. Write Hadith II of an-Nawawis collection and its meaning.

## **GOVERNMENT**

- 1a. What do you understand by Monarchy?
- b. Explain the types of Monarchy.
- 2a. What is a republican government?
- b. Enumerate any **FIVE (5)** attributes of a republican government.

## **FRENCH LANGUAGE**

### **DEVOIR**

- 1a. Expliquez comment conjuguer le verbe au **futur simple**.  
[Expliquez en Anglais].
- b. Qu'est-ce que c'est le **futur proche** ? Répondez en Anglais.

c. Différenciez entre le futur proche et le futur simple à l'aide d'un exemple chacun.

2a. **Conjugaison** : Mettez le verbe entre parenthèse au futur simple.

- i. Kabirou précieuse [*être*] là demain.
- ii. Michael et Déborah [*discuter*] le sujet avec le professeur de français après le cours d'aujourd'hui.
- iii. Qui [*trouver*] le chien ? C'est Iyinoluwa.
- iv. Oséni [*aimer*] toujours le français à tout va.
- v. Nous [*venir*] chez- vous la semaine prochaine.

b. Formez une phrase chacune avec les verbes ci-dessous au futur proche.

- i. Chanter
- ii. Manger
- iii. voir.
- iv. finir
- v. jouer

c. **Conjuguez le verbe entre parenthèse au passé composé du verbe auxiliaire et le participé passé. Noté : Faites attention de l'accord.**

- i. Omotolani avait la peur quand elle [*voir*] le serpent hier.
- ii. Nous [*finir*] nos devoirs de français.
- iii. Ma petite sœur [*rester*] avec moi le samedi dernier.
- iv. Ayoola et Immaculate [*partir*] pour le marché pour acheter les légumes.
- v. Paul [*tomber*] de l'amoureux avec Ben.

## **EDE YORUBA**

Iṣẹ àṣetílẹwá

1. ṣàlàyé ọ̀nà márùn ún tí yorùbá n gbà ẹ oge.
2. ṣàlàyé ọ̀nà márùn ún tí a lè gbà ẹ àtúpalẹ̀ iwé ìtàn àròṣo.

## **LITERATURE IN ENGLISH**

Choose ONE of the two questions.

ONCE UPON AN ELEPHANT: Bosede Afolayan

Q: With contextual references to the text; explain the following concepts:

1. Desola is a victim of circumstance.
2. The evil that men do lives after them.

OR

AN INSPECTOR CALLS: J. B Priestley

1. Gerald Croft is NOT the right fiance for Sheila Birling. Discuss this with references to the text.
2. Is there any similarity in the attitude of Mrs Sible Birling and Miss Sheila Birling? Bring it (or them) out with references to the text

## **ANIMAL HUSBANDRY.**

- 1a. Differentiate between Endoparasite and Ectoparasite.
- b. Explain two ways of eliminating Ectoparasite.
- 2a. Define Livestock management.
- b. State two factors influencing livestock management.
- c. Mention two importance of horn in farm animals.

## **DATA PROCESSING**

- 1a. What is an operating system (OS)?
- b. Distinguish between an OS for batch system and that of a real-time system.
- 2a. Outline the steps to apply watermark to a word document in Microsoft word.
- b. Define the term word processor.

## **FURNITURE MAKING**

1. Differentiate between portable power tools and machine tools with three examples each.
2. Mention two parts of a wood lathe and their functions.

## **DYEING AND BLEACHING**

- 1a. What is Batik?
- b. Explain the following techniques
  - i. relief process (lino),
  - ii. intaglio,
  - iii. silkscreen.
- 2a. What is Motif formation
- b. Explain the process of fabric printing.

## **COMPUTER STUDIES**

- 1a. What is computer booting?
- b. Differentiate between cold booting and warm booting.
- c. Highlight four (4) types of data networks.

- 2a. What is broadcasting?
- b. Highlight three (3) types of broadcasting
- c. Give the full meaning of the following acronyms:
  - i. GSM
  - ii. PSTN
  - iii. SIM

## **GEOGRAPHY**

- 1a. What is Map reading?
- b. Mention three (3) types of scale with examples.
- c. State two (2) importance of scaling.
- 2a. What is GIS?
- b. Highlight the components of GIS.
- c. State two (2) importance of GIS.

## **CHEMISTRY**

- 1a. Explain with two examples the term efflorescence
- b. When is a substance said to be deliquescence. Explain with examples.
- 2a. Common salt (NaCl) becomes wet on exposure to air. Explain.
- b. What are dehydrating agents? Explain the function of fused calcium (II) chloride in the desiccator.



## **PHYSICS**

1a. Define the following:

- i. Potential difference
- ii. Electromotive force of a cell
- iii. Electric Current

b. State ohm's law

2a. Four resistors of resistance 1ohm, 2ohm, 3ohm and 5ohm, are connected in series and afterwards in parallel. Calculate the combined resistance in each case.

b. Highlight four factors that affect resistance

c. A television (65W), a refrigerator (1.2kW), an electric kettle (650W) and 10 lamps (40W each) are connected in series in a house. How much will it cost the housekeeper to switch on all the appliances for 24hours if the cost of electricity is 15kobo per kWh?

## **BIOLOGY**

1. Define the following:

- i Micro-organism;
- ii Microbiology;
- iii Pathogens.

2a Mention two (2) examples of virus you know.

b. Differentiate between aerobic and anaerobic bacteria.

## **VISUAL ART**

1a. Explain "Art appreciate".

b. Write briefly on the following art terms

- i. Kaolin

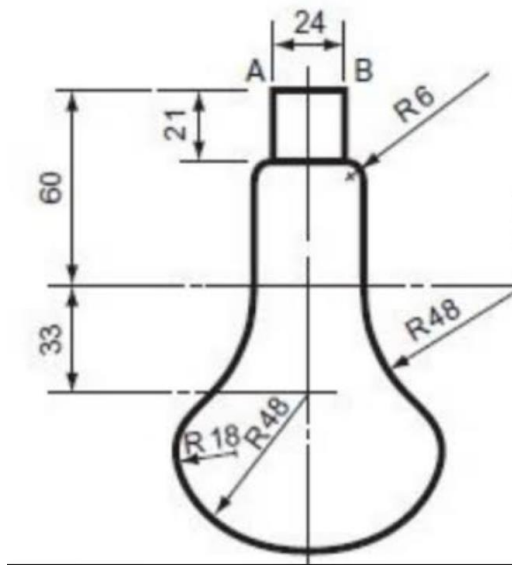
- ii. Silhouette
- iii. Neo classism
- iv. Abstractism

2. Write briefly on the following African arts

- i. Mbari art
- ii. Donga art
- iii. Kissi art
- iv. Senufo.

## TECHNICAL DRAWING

1. Use the principle of tangency to reproduce the figure below



2. Mention four (4) special curves in technical Drawing.