

## HOLIDAY ASSIGNMENTS FOR SS 1 PROMOTED TO SS 2

### 1. MATHEMATICS

1. Use logarithm table to evaluate the following:

a.  $71.056 \times 9.1837$

b.  $\frac{95.3 \times \sqrt[3]{18.4}}{129^5 \times 2.03}$

c.  $\sqrt[3]{\frac{38.22 \times 2.964}{8.637 \times 6.285}}$

3. If  $\tan \theta = \frac{8}{15}$ , find the value of

a.  $\sin \theta + \tan \theta$

b.  $\cos \theta^2 + \sin \theta^2$

c.  $\frac{\sin \theta + \cos \theta}{\cos \theta(1 - \cos \theta)}$

### 2. ENGLISH LANGUAGE

#### I. COMPREHENSION

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#### II. GRAMMAR

**Use neither... nor to make a sentence from each pair of sentences.**

1. I did not like her. I did not trust her.

2. We did not have the money. We did not have the time.

3. We will not ask for advice. We will not take advice.

4. Audi cannot type my letters accurately. She cannot file my papers correctly

5. The classroom floor has not been swept. The classroom floor has not been washed.

**State the grammatical name and grammatical function the underlines expression in the following sentences:**

6. Nothing was gained, though it was a long holiday.

7. I know that you are angry.

8. He ordered a meal of roast plantain and groundnut.

9. The speaker talked more extensively than required on health matters.

10. Wherever you are, be good.

### III. SUMMARY

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### IV. SPEECH

**Choose the correct options from the following options.**

1. Paper A. Physical B. Lap C. Psalm D. Friend
2. Did A. Land B. Handsome C. Lamp. D. Lamb
3. Street A. Sleep B. Straight C. Stop D. Search
4. Which A. Who B. Wash C. Whose D. How
5. Think A. These B. Them C. Thank D. Search

6./e/

- A. week
- B. leap
- C. many
- D. receive

7./j/

- A. meal
- B. wanted
- C. yes
- D. fight

8./æ/

- A. plait
- B. mate
- C. came
- D. father

9/ ɔ: /

- A. cot
- B. claw
- C. young
- D. plough

10/ʌ/

- A. money
- B. shirt
- C. word

D. sword

### **3. FINANCIAL ACCOUNT**

- 1a. Explain the term depreciation.
- b. Define fixed assets.
- 2a. State four methods of depreciation of fixed assets
- b. Briefly explain two of the methods mentioned in 2a.

### **4. COMMERCE**

- 1a. Define cooperative society.
- b. State four characteristics of cooperative society.
- c. List and explain two documents involved in the formation of public limited company.
- 2a. What is public enterprises?
- b. State four(4) sources of finance to public corporations.
- c. Explain two (2) features of public corporation.

### **5. ECONOMICS**

- 1a. What is production?
- b. Define production possibility curve.
- c. Briefly but clearly illustrate the law of variable proportion.
- 2a. Given the following set of scores: 15, 20, 18, 10, 35, 15, 5, 20, 10, and 15. Calculate the:
  - (i) Range
  - (ii) Mean
  - (iii) Mean Deviation.
- b. Distinguish between measures of dispersion and measures of central tendency.

### **6. CHRISTIAN RELIGIOUS KNOWLEDGE**

- 1a. Define the term sovereignty.
- b. Provide a detailed account of the creation story.
- c. Highlight the Pentateuch.
- 2a. write short note on the early life of Joseph.

- b. Define the term Apostle creed.
- c. Enumerate the Apostle creed.

## 7. GOVERNMENT

- 1a. As a student scholar, discuss any **FOUR (4)** factors that could determine the electoral success of the political parties in Nigeria.
- b. Highlight any **THREE (3)** arguments for and **THREE (3)** arguments against delegated legislation.
- c. What is human rights?
- 2a. Highlight any **FOUR (4)** measures that can be put in place to guarantee the rights of every citizen.
- b. Define the term party system.
- c. Explain any **TWO (2)** characteristics of sovereignty.

## 8. CIVIC EDUCATION

- 1a. What do you understand by Citizenship Education?
- b. Enumerate and explain the **THREE (3)** basic elements of citizenship education.
- c. As an ardent student of citizenship education, highlight any **FIVE (5)** ways by which citizens can contribute to the progress and development of the country.
- 2a. Distinguish between traditions and customs.
- b. State **FOUR (4)** justifications for citizenship education.
- c. Highlight **FOUR (4)** factors that promote customs and traditions.

## 9. ISLAMIC RELIGIOUS STUDIES

- 1a. Write the transliteration and translation of suratulmaun.
- b. Mention any **THREE (3)** lessons that can be derived from the above surah in (1a).
- c. Define the term shariah.
- 2a. List any **FOUR (4)** importance of shariah.
- b. Mention the **FOUR (4)** schools of law.
- c. What is Taklit (syncretism)?

## 10. YORUBA LANGUAGE

ISÉ ÀŞETILÉWÁ KÌN-ÍN-NÍ NÍ SÁÀ KÌN-ÍN-NÍ SS2

- 1a. Fún iwà ọmọlúàbí ní oríkì
- 1b. Kọ mejì sílẹ lára àwọn àbùdá ọmọlúàbí.
- 1c. Şe àkọsílẹ mejì lára àléébù kí ènìyàn má jẹ ọmọlúàbí
- 2a. Kọ mejì sílẹ lára ànfààní jíjẹ ọmọlúàbí.
- 2b. Fún lẹtà àìgbẹfẹ ní oríkì.
- 2c. Kọmẹjì sílẹ lára àwọn ìgbésẹ tí o wà fún kíkọ lẹtà àìgbẹfẹ.

## 11. FRENCH LANGUAGE

1. Conjuguez les verbes suivants: A. au passe composé, B. à l'imparfait, C. au Futur et D. à l'impératif.
  - i. Voir
  - ii. Acheter
  - iii. Prier
2. Rédaction: Expression Écrite.  
Answer only one question in this section. Your essay should be written in French language and in no less than 250 words.
  - i. Parlez de votre pays.
  - ii. Parlez de votre meilleur (e) professeur.
  - iii. Parlez de votre ami (e) intime.
3. Letter writing.  
Answer only one question in this section. Your letter should be written in French language and in no less than 225 words.
  - i. Écrivez une lettre pour inviter un ami / une amie à votre anniversaire.
  - ii. Écrivez une lettre à votre correspondant (e) français (e). Parlez lui de votre famille.
  - iii. Votre père vous a remi de l'argent pour acheter un dictionnaire français. Écrivez une lettre à votre père pour lui remercier.

## 12. LITERATURE OBJECTIVES

1. The moon looked on the massacre in horror ! illustrates
  - A. pathetic fallacy
  - B. prologue
  - C. epilogue

D. transferred epithet

2. A dead metaphor is
- A. overused and ineffective
  - B. implied and not funny
  - C. implied and underused
  - D. overused and funny

3. The third stanza of the Shakespearean sonnet is
- A. couplet
  - B. sextet
  - C. octave
  - D. quatrain

Read the poem below and answer the question below:

Miniver Cheevy, child of scorn,  
Grew lean while he assailed the season; He wept that he was ever born,  
And he had reasons.  
Miniver loved the days of old  
When swords were bright and steeds prancing; The vision of a warrior bold  
Would set him dancing.

4. "child of scorn" illustrates
- A. euphemism
  - B. contrast
  - B. metaphor
  - D. metonymy

5. The metrical structure is predominantly
- A. trochaic
  - B. dactylic
  - C. iambic
  - D. spondaic

6. Reading the poem, one notices that the poet is being
- A. hyperbolic
  - B. euphemistic
  - C. ironic
  - D. sarcastic

7. In the last stanza, the persona is

- A. fantasizing
- B. angry
- C. malnourished
- D. pretending

8. The two stanzas are built on
- A. alternate rhyme
  - B. identical rhymes
  - C. couplets
  - D. run-on lines

### **UNSEEN PROSE AND POETRY**

Read the passage below and answer the following questions:

Along marched the crowd, determined not to be distracted from its cause and the course it had charted. If anyone could intimidate the chief, it was Sasu, who led the crowd. The chief nurtured unruffled restraint. He knew Sasu, knew that Sasu would not waste the trust between them on renegades.

One way to divert a mob from its goal is to join in with it, lead it on, but, finally, veer it from the course of its cause. Onward, towards the chief's palace marched the crowd, singing war songs.

The sun frowned as the palace guards, rattling like leaves in a storm - fear branded on their faces, came out to survey the threatening crowd and prepare for a siege. Just then, Sasu turned about, heading away from the palace - with the crowd, and the war songs.

9. The prevailing atmosphere is
- A. pleasant
  - B. drab
  - C. tense
  - D. serene

10. "join in with it, lead it on, but, finally,veer it from..." illustrates
- A. allusion
  - B. simile
  - C. parallelism
  - D. personification

### **13. COMPUTER STUDIES**

1. Define the term "networking".

2. Identify and describe the different types of networking.
3. Explain the differences between star topology and bus topology.
4. Draw and label a ring network structure.
5. List and describe three common network devices.

#### 14. DATA PROCESSING

- 1a. What is data model?
  - b. Explain two (2) levels of data model.
  - c. Mention three (3) types of data model.
- 
- 2a. What is normalization?
  - b. Mention four (4) types of normal forms.
  - c. Highlight three (3) attributes of 2NF.

#### 15. FURTHER MATHEMATICS

1.

Vectors **a**, **b** and **c** are such that  $\mathbf{a} = \begin{pmatrix} 4 \\ 3 \end{pmatrix}$ ,  $\mathbf{b} = \begin{pmatrix} 2 \\ 2 \end{pmatrix}$  and  $\mathbf{c} = \begin{pmatrix} -5 \\ 2 \end{pmatrix}$ .

(i) Show that  $|\mathbf{a}| = |\mathbf{b} + \mathbf{c}|$ .

(ii) Given that  $\lambda\mathbf{a} + \mu\mathbf{b} = 7\mathbf{c}$ , find the value of  $\lambda$  and of  $\mu$ .

2.

(i) Given that  $n$  is a positive integer, find the first 3 terms in the expansion of  $\left(1 + \frac{1}{2}x\right)^n$  in ascending powers of  $x$ .



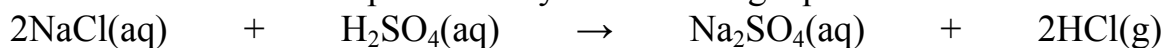
- (ii) Given that the coefficient of  $x^2$  in the expansion of  $(1-x)\left(1+\frac{1}{2}x\right)^n$  is  $\frac{25}{4}$ , find the value of  $n$ .

## 16. CHEMISTRY

- 1a. Calculate the number of moles of carbon(IV) oxide produced from the complete

Combustion of 3.41 g of carbon. [C = 12, O = 16]

- b. Consider the reaction represented by the following equation:



Calculate the volume of hydrogen chloride gas,  $\text{HCl}$ , that can be obtained at s.t.p. from 2.93 g of sodium chloride,  $\text{NaCl}$ .

[Na = 23, Cl = 35.5, Molar volume of a gas at s.t.p. =  $22.4 \text{ dm}^3$ ]

- 2a. Define rate of reaction.  
b. Explain the collision theory.

## 17. BIOLOGY

1. Plants can be classified in various ways according to major criteria; classify plants under the following headings;

a. Agricultural classification of plants.

b. Classification based on life cycle.

c. What are forage crops?

2a. Draw a well labeled and detailed water cycle.

b. State two (2) importance water cycle to plant.

c. Highlight two (2) activities that releases carbondioxide to the atmosphere.

## 18. PHYSICS

- 1a. Classify the following into scalar and vector quantities: temperature, speed, force, velocity, distance, acceleration, displacement, mass.
  - b. State parallelogram law of vector.
  - c. Differentiate between resultant and equilibrant.
- 
2. An object is acted upon by two forces of 5N and 12N. Calculate the resultant of the two forces if:
    - a. the forces act perpendicular to each other.
    - b. the two forces act at an angle of  $40^\circ$  to each other.
    - c. the two forces act at an angle of  $125^\circ$  to each other.
- 
- 3a. State the newton's laws of motion.
  - b. A net force of magnitude 0.6N acts on a body of mass 40g, initially at rest. Calculate the magnitude of the resulting acceleration.
  - c. A truck of mass 3200kg moving with a velocity of  $10\text{ms}^{-1}$  increases its velocity to  $20\text{ms}^{-1}$  in 5s. Calculate the magnitude of the force exerted on the engine.

## 19. GEOGRAPHY

- 1a. What is denudation?
  - 1b. State the processes of denudation.
  - 1c. Highlight the processes of river assignment.
- 
- 2a. State three (3) factors affecting velocity of a river.
  - 2b. Describe two (2) features of the middle course of a river.
  - 2c. Describe two (2) erosional features of a river.

## 20. FURNITURE MAKING

- 1a. List and explain the functions of **THREE (3)** hand tools used in wood preparation.
  - b. Make a neat freehand sketch of a check defect in timber.
  - c. Differentiate between safety and maintenance.
- 
- 2a. Explain the concept of maintenance operations of saws.
  - b. State **TWO (2)** safety precautions to be observed when using hand and machine tools during timber preparation.
  - c. What do you understand by "Timber preparation"?

- 3a. What is an accident? State **TWO (2)** causes of accidents in the workshop.
- b. State **TWO (2)** advantages of kiln seasoning over natural seasoning of timber.
- c. Briefly discuss the effects of friction on wood work tools.

## **21. VIRTUAL ART**

1. Briefly write short note on the following;

- I. Byzantine art
- II. Gothic art
- III. Romantic art
- IV. Classical art
- V. Neo-classical art

2. Explain the following art terms;

- VI. Warping
- VII. Wedging
- VIII. Englobe
- IX. Leather hard.

- 3a. Explain the techniques of producing collage
- b. Differentiate between collage and mosaic.

## **22. DYEING AND BLEACHING HOLIDAY ASSIGNMENT**

- 1a. Define the term “plain dyeing”.
- b. Highlight five (5) materials for marbling by tying design.
- 2a. Explain four (4) printing techniques.
- b. Identify two (2) differences between printing and tie-dye.
3. List two (2) importance of textile design.

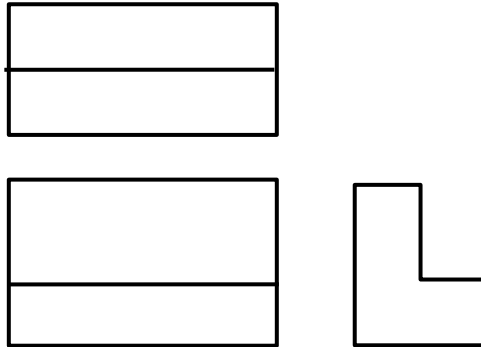
## **23. TECHNICAL DRAWING**

- 1a. Construct involute of a circle with radius 15mm.
- b. Make a free hand sketch of claw hammer and state its functions.
- c. List five special curves in technical drawing

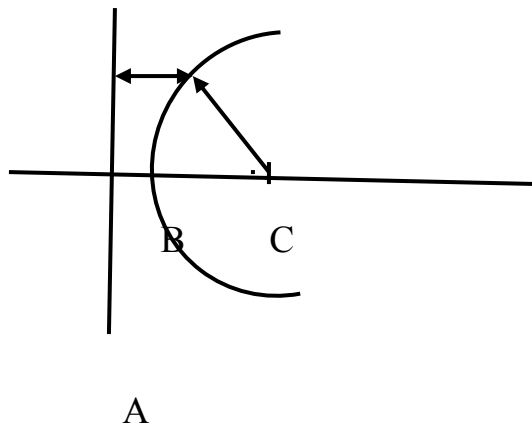
2a. If line AB of 110mm represents the perimeter of a triangle whose sides are in ratio

3:4:5. Draw and name the triangle

b. The figure below is the orthographic view of a block. Draw the isometric view of the block using freehand sketch



c. Name the parts labeled A, B and C in the figure below.



3a. Neatly make a sketch of the curve of intersection of two equal cylinders intersecting

at right angle.

b. Construct Archimedean spiral with radii 25mm and 80mm.

c. Use ANY method to construct an ellipse with axes 100mm and 80mm.

**24. AGRICULTURAL SCIENCE**

- 1a. What is farm surveying?
  - b. State two uses of ranging pole.
  - c. Briefly describe gunter's chain.
- 
- 2a. State two ways of maintaining farm surveying equipment.
  - b. Enumerate two uses of prismatic compass.
  - c. Highlight two importance of farm surveying in Nigeria.