

# **GRADE 8 APRIL HOLIDAY ASSIGNMENT**

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# COMPETENCE BASED CURRICULUM

Kenya Junior Secondary Education  
Assessment

FORMATIVE ASSESSMENT

## ENDTERM 1

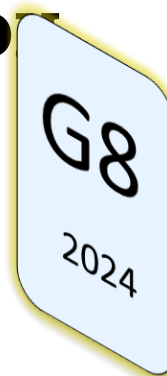
### AGRICULTURE AND NUTRITION

TIME  
2 HRS

SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....



#### RUBRICS (for official use)

MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

Answer all Questions

1. State two components of agriculture and nutrition. (2 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_

2. List four effects of soil pollution. (4mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

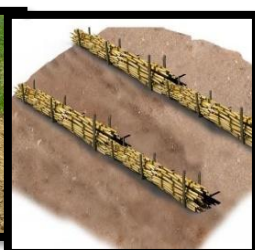
3. Outline five Safe Soil pollution Control measures include the following methods. (5 mks)

- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_

9. Surface run off is conserved or collected in structures such as:(3 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

10. Identify the following method of soil conservation in farming. (5 mks)



11. What is a Farm Layout? (2 mks)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

12. Name four importance of conserving water in Farming. (4 mks)

- a. \_\_\_\_\_
- \_\_\_\_\_
- b. \_\_\_\_\_
- \_\_\_\_\_
- c. \_\_\_\_\_
- \_\_\_\_\_

d. \_\_\_\_\_  
\_\_\_\_\_

13. Match the following methods of planting ( 3mks)



Broadcasting



Dibbling



Drilling

14. What are Soil conservation measures? (2 mks)

\_\_\_\_\_  
\_\_\_\_\_

15. Mention four importance for Soil conservation. (4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

16. State two importance of Farm layout. (2 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_

17. Mention four Local available material that can be used to make a farm model in school. (4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_

- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_.

18.State three Uses of water harvested and stored on the farm.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

19.In Kenya we have various types of water tanks made from various materials. Mention three types of water storage tanks.(3mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

20.What is a Kitchen garden?(2 mks)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

21.State five roles of a kitchen garden in food and nutrition security.(5 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_
- e. \_\_\_\_\_  
\_\_\_\_\_.

22.State four examples of innovative kitchen gardens. (4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_

- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

**23.**Grade 8 learners wanted to start an innovative gardens at home, state five ways in which the innovative gardens would benefit them. (5 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_
- e. \_\_\_\_\_  
\_\_\_\_\_

**24.**State five methods of harvesting and storing water for farming purposes. (5 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_
- e. \_\_\_\_\_  
\_\_\_\_\_

**25.**Outline five Factors to consider when setting up a water harvesting and storage unit at home or at school. (5 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_

e. \_\_\_\_\_

\_\_\_\_\_

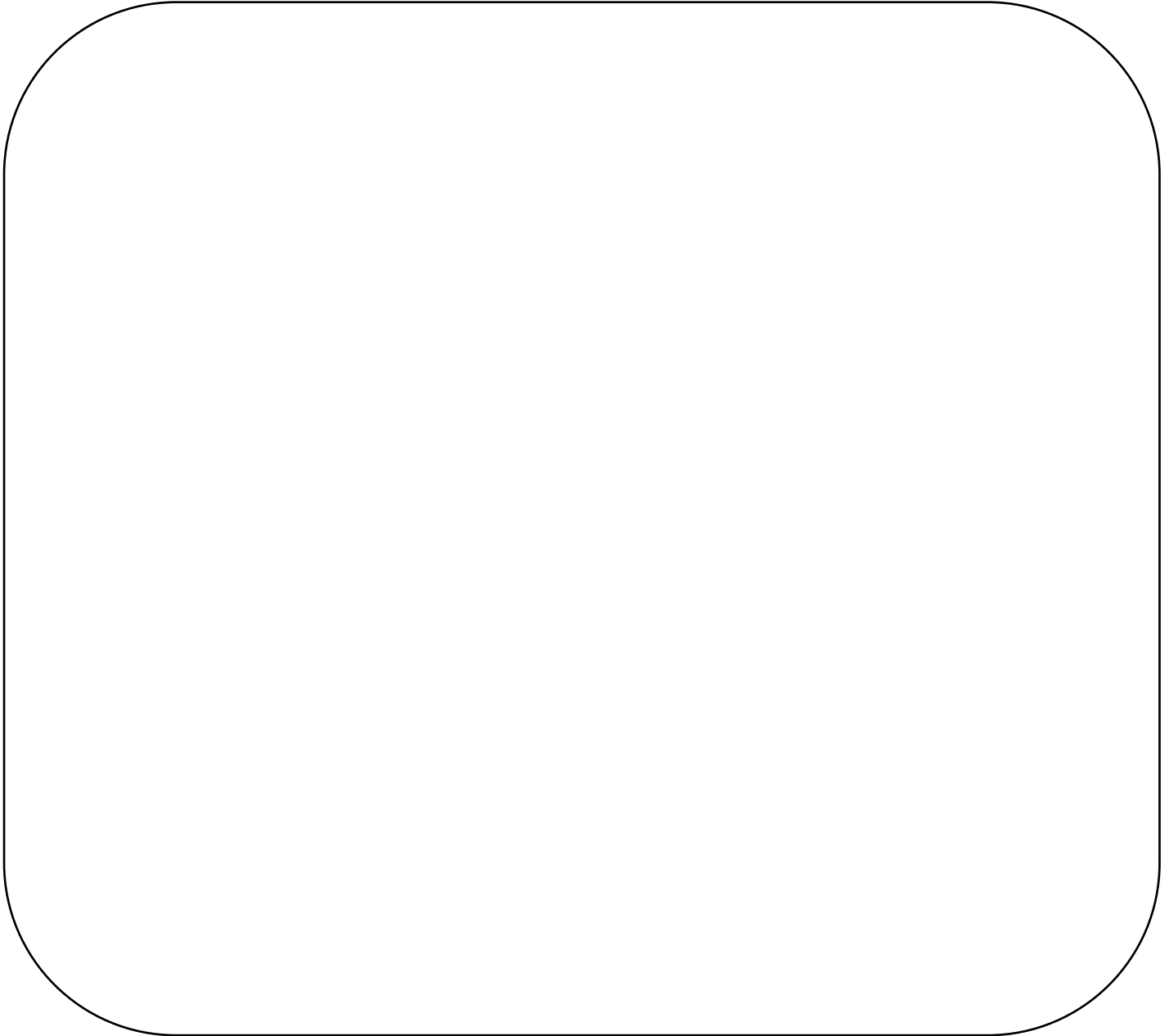
**26.State five Importance of harvesting and storing water. (5mks)**

- a. \_\_\_\_\_
- \_\_\_\_\_
- b. \_\_\_\_\_
- \_\_\_\_\_
- c. \_\_\_\_\_
- \_\_\_\_\_
- d. \_\_\_\_\_
- \_\_\_\_\_
- e. \_\_\_\_\_
- \_\_\_\_\_

**27.State four Maintenance practices of water harvesting and storage structures. (4 mks)**

- a. \_\_\_\_\_
- \_\_\_\_\_
- b. \_\_\_\_\_
- \_\_\_\_\_
- c. \_\_\_\_\_
- \_\_\_\_\_
- d. \_\_\_\_\_
- \_\_\_\_\_

**28.Draw a farm layout. (19 mks)**





# COMPETENCE BASED CURRICULUM

## Kenya Junior Secondary Education Assessment

### FORMATIVE ASSESSMENT

# ENDTERM 1

## CAS

TIME  
2 HRS



SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

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MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

**Answer all Questions**

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

1. What is creative arts? (2 mks)

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2. Identify the materials needed in the game of handball.(2 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_

3. Give two types of passes in a game of handball. (2 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_

4. Define the following terms. (4 mks)

a. Reception.

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b. Passing

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c. Pivoting

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d. Marking

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5. Which type of performance has been shown below?(1 mk)



6. One of the performer dripped and fell down. Say why the injuries happened above.(4 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

7. State four ways to make sure that you are safe when dancing.(4 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_





8. Name some of the activities dancers need to do before a performance on stage.(3 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

9. What are the functions of a soloist in a song performance?(8mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

10. Write the French rhythms for the following.(4 mks)

Note symbol	
	<input type="text"/>
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11. Identify five roles of Creative arts and sports in the society.(5 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

12. State four components of Creative Arts and Sports.(4 mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

13. State two Principles of Visual arts.(2 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_

14. What is a colour wheel?( 2 mks)

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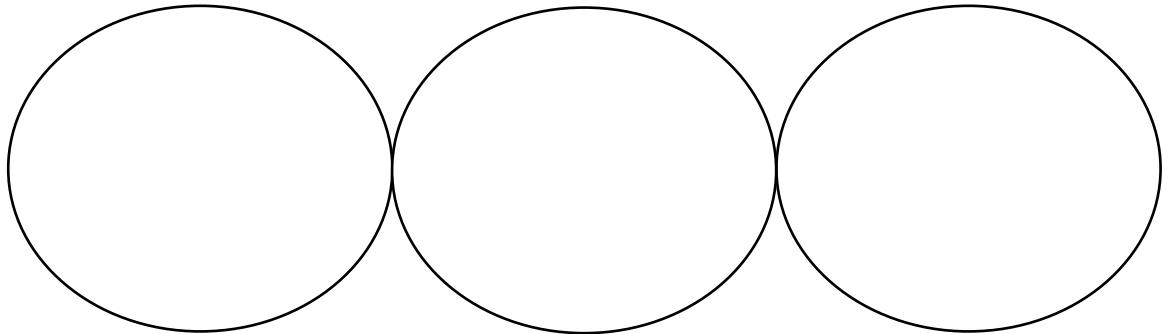
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15. Name three primary colours. (3 mks)

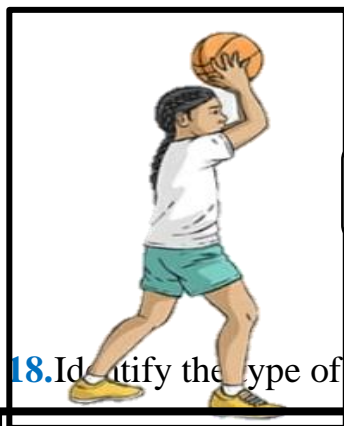
- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_

c. \_\_\_\_\_

16. On the circles below, insert the colours you have identified as primary colors.( 3 mks)



17. Identify the type of pass demonstrated below.(2 mks)

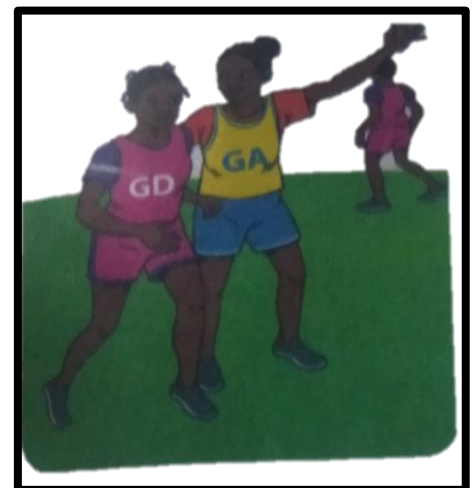
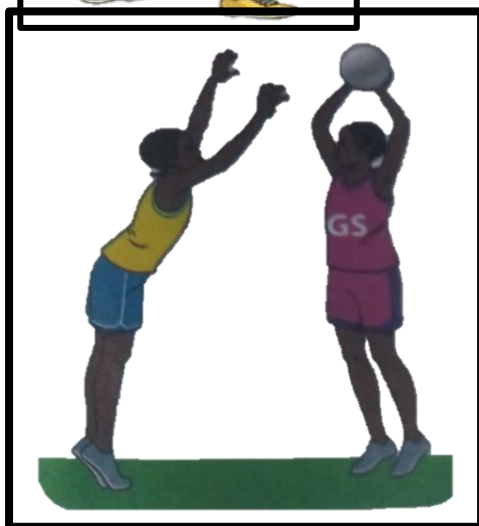


\_\_\_\_\_



\_\_\_\_\_

18. Identify the type of marking illustrated below.( 2 mks)



19. Which is the most common type of injury in a netball game?(4 mks)

a) \_\_\_\_\_  
\_\_\_\_\_

- b) \_\_\_\_\_  
\_\_\_\_\_
- c) \_\_\_\_\_  
\_\_\_\_\_
- d) \_\_\_\_\_  
\_\_\_\_\_

**20.** State and explain three elements of Music in Creative Arts.(6 mks)

- a) \_\_\_\_\_  
\_\_\_\_\_
- b) \_\_\_\_\_  
\_\_\_\_\_
- c) \_\_\_\_\_  
\_\_\_\_\_

**21.** State three examples of themes in plays. (3 mks)

- a) \_\_\_\_\_  
\_\_\_\_\_
- b) \_\_\_\_\_  
\_\_\_\_\_
- c) \_\_\_\_\_  
\_\_\_\_\_

**22.** State three Elements of Dance in Creative Arts.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

**23.** The arts can be experienced through the following senses namely?(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

**24.** What are 3d art forms?( 3 mks)

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**25.** Name three examples of 3D artworks (3 mks)

- a) \_\_\_\_\_  
\_\_\_\_\_
- b) \_\_\_\_\_  
\_\_\_\_\_
- c) \_\_\_\_\_  
\_\_\_\_\_

**26.** Define ( 6 mks)

a. A still life drawing

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b. A composition

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c. Painting

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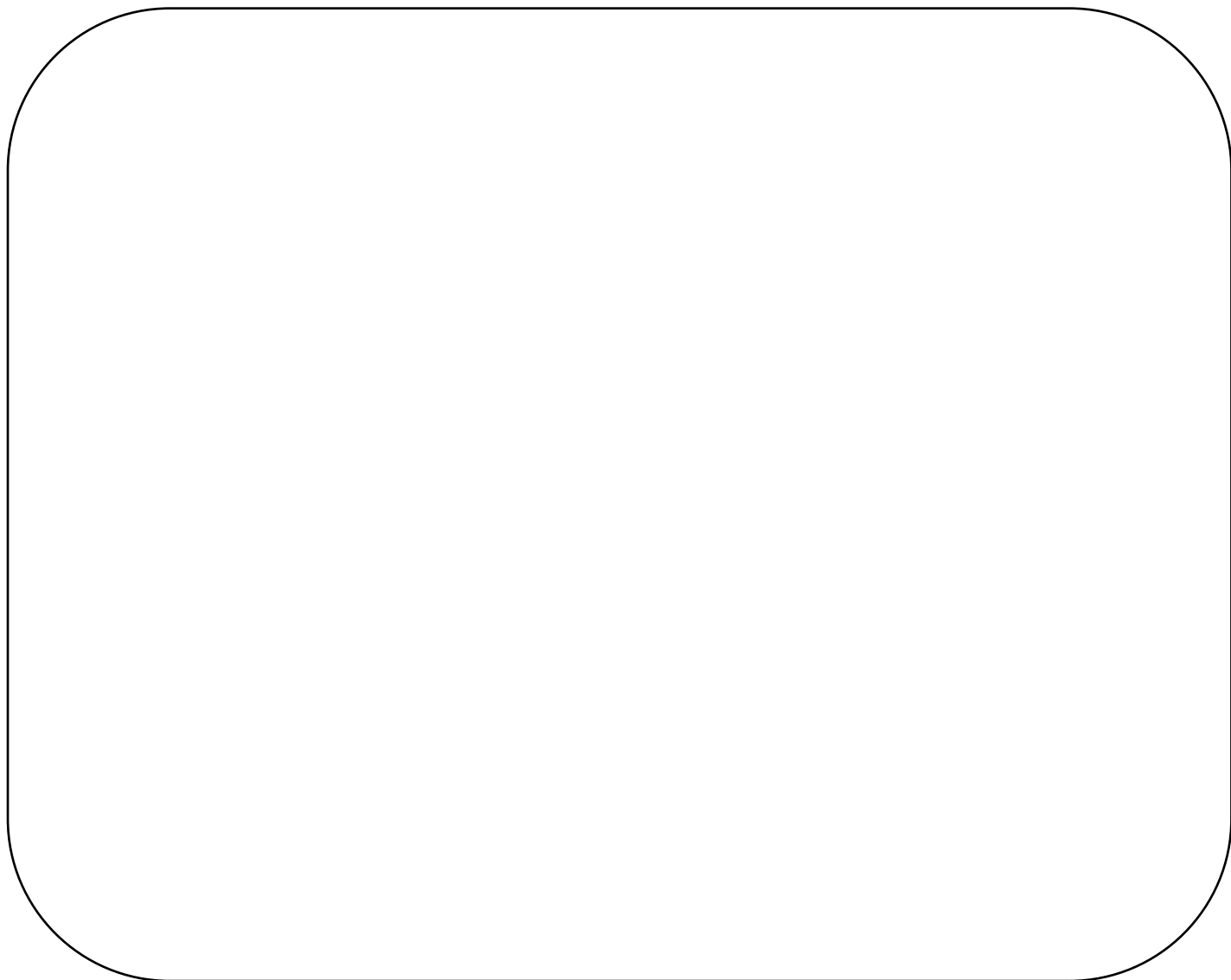
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**27.** List down three tools and materials used in painting.( 3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

28. Draw a descant recorder.(8 mks)





# COMPETENCE BASED CURRICULUM

## Kenya Junior Secondary Education Assessment

### FORMATIVE ASSESSMENT

# ENDTERM 1

## CRE

TIME  
2 HRS

**G8**  
2024

SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

*RUBRICS (for official use)*

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PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

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OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

## Answer all Questions

1. Name the first five books of the Bible (5mks)

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2. What was the importance of the promises made to Abraham (5mks)

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3. Define the term “**covenant**” and its characteristics (5mks)

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4. What was the importance of circumcision to Abraham and his descendants (5mks)

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5. What do we learn about the nature of God from the renewal of the covenant. (5mks)

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6. List the first five commandments God gave to Moses. (5mks)

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7. Why was Moses a suitable leader for the Israelites (5mks)

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8. What qualities of Moses should a modern Christian leader emulate.  
(5mks)

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9. State five attributes of God as understood by the Israelites during the Exodus.  
(5mks)

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10. State 5 lessons learnt from King Saul’s failure (5mks)

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11. Outline five achievements of King David (5mks)

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12. State five of qualities of a good leader drawn from king David. (5mks)

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13. List five forms of idolatry in modern society (5mks)

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.....

14. Outline five characteristics of Elijah that a modern day Christian leader should strive to emulate (5mks)

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15. What five lessons do we learn about the nature of God from the contest at Mount Carmel. (5mks)

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16. With reference to African communities state how God is understood. (5mks)

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17. Describe the African understanding of the hierarchy of beings. (5mks)

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18. State five roles of spirits in tradition African communities. (5mks)

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19. Describe the various components of life in tradition African communities. (5mks)

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20. Identify five religious specialists in traditional African communities. (5mks)

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# COMPETENCE BASED CURRICULUM

Kenya Junior Secondary Education  
Assessment

FORMATIVE ASSESSMENT

# ENDTERM 1

## ENGLISH

TIME  
2 HRS

**G8**  
2024

SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

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OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

**Answer all Questions**





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**Q2. CLOZE TEST (10 marks)**

*Fill in the blanks with the most suitable word.*

We need to start reading more. (1)\_\_\_\_\_ encourages more creative thinking, keeps the (2) \_\_\_\_\_ fresh and stimulated in ways nothing else can. Reading awakens a (3)\_\_\_\_\_ imagination and inhibits the brain (4)\_\_\_\_\_ rotting, as is evident with(5) \_\_\_\_\_ so-called political elite: If you neglect the pot, (6)\_\_\_\_\_ boils over and extinguishes the fire. The youth (7)\_\_\_\_\_ should ignite a love for reading(8) \_\_\_\_\_ of engaging in the nonsensical issues they are normally caught up in; old heads on young shoulders they would die. It is said a reader lives a thousand lives (9)\_\_\_\_\_ they die, but one(10) \_\_\_\_\_ never reads lives only one.

**Q3. ORAL SKILLS**  
**marks)**

**(30**

a) *Read the following Ankole song and answer the questions that follow.*

Suck and I hide you, my gentle one  
Suck and I hide you, my beloved

I dreamt that the hunt was at Buganga

I dreamt that the hunt was at Ngarama

Where, oh where, shall I put, my little baby?  
Where, oh where, shall I put you, my lovely little lips?  
If I put you in a clump of grass, my gentle one

The hunters' rough dog will come sniffing around  
The hunters' thick club tears up the back

Suck and I hide you, gentle one

Suck and I hide you, for whom the drum sounds

Where, oh where, shall I put you, my lovely little lips?  
Where, oh where, shall I put you, my beloved?

If I put you by the wayside, gentle one  
Passers-by will take you with them, my beloved  
If I put you in an anthill, my little baby

The ants will enclose you in their nest, lovely little lips  
Suck and I hide you, little baby

Suck and I hide you, my gentle one

When I am dead and gone, gentle one  
Feed on little blades of grass like cow, my beloved  
And wash them down with a little water,  
my little baby That's what raises orphans,  
you for whom the drum sounds If I do  
not die, my little baby  
Good things will be ours to enjoy, you for whom the drum  
sounds

i) Identify aspects of oral performance that make this song easy to remember? (2mks)

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.....  
.....  
.....

ii) In what ways would this song be made interesting to **listen to**? (2mks)

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iii) How would you **perform** the last two lines of the above song? (2mks)

.....  
.....  
.....  
.....  
.....

b) **Read the following speech made by the chair of a church youth group and answer the questions that follow.**

“What’s up guys? Why do you look so sad? I thought the ting tang tong of the guitar would wake you up. I am here to represent the youth. We are asking you *jamaaz* to give us some colour or bakes to buy more musical instruments for this church. I can hear the

click of coins. No, that will not do! We are interested in real colour; real cash in the form of notes. We want you to splash us with real cash.”

- i. Pick out **four** expressions/words in the speech to demonstrate that the chair has used the wrong register. (2marks)

.....  
.....  
.....  
.....

- ii. Give at least **two** examples of ideophones and onomatopoeia from the chair’s speech. (2marks)

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.....  
.....

- c) You are part of a student’s group representing your school in a conference. You have been elected the Chairperson of a small group discussing a topic on leadership.

- i. How would you ensure the group is engaged in an effective discussion? (3marks)

.....  
.....  
.....  
.....  
.....  
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- ii. As you later present your points to the larger group, nobody seems to pay attention. Give **two** reasons that could have contributed to the lack of attention. (2mks)

.....  
.....  
.....  
.....

- d) State what type of intonation you would use in the following sentences. (3 marks)

- i. When were you born? .....
- ii. Did you complete your work? .....
- iii. What a beautiful car you have bought!.....

e) A teacher of English was in class during a reading lesson. He realized that the students had poor reading habits. Mention **three** of these habits he might have observed.  
(3marks)

.....  
.....  
.....  
.....

**f) Study the following item of oral literature and answer the questions that follow.**

Kot took Kot's coat, Kot went to court, the court told Kot to return Kot's coat to Kot.

(a) Which genre of oral literature has been used above? (1 mark)

.....  
.....

(b) If the above genre was to be translated to another language, what would be the effect of translation? (2marks)

.....  
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.....

**g) Read the telephone conversation below and answer the questions that follow.**

**Wanjala:** Hello, is that Chaka Limited?

**Sheila:** (*Picking the phone*) Those shoes fit well.

Hello, is anybody on this line?

**Wanjala:** Hello, is that Chaka Limited?

**Sheila:** What do you want?

**Wanjala:** Please confirm for me whether I called the right place, Chaka Limited?

**Sheila:** (*Shouting*) Which other company has a similar phone number as this?

**Wanjala:** May I then speak to the Managing Director?



**Sheila:** I prefer the red shoes.... *(on phone)*, what did you say ?Oh, the Managing Director can't talk to you.

**Wanjala:** Can I then leave a message which you can pass to him?

**Sheila:** Why can't you call him on his personal line... *(away from the receiver)* go for the red ones.

**Wanjala:***(Surprised)* Hello, excuse me madam, I am Wanjala Nicholus and am requesting to talk to the Managing Director over an important matter concerning one of your employees...

**Sheila:** I told you the Managing Director is not in *(hangs up)*.

i). Explain **three** things that make Sheila an ineffective communicator.(3marks).

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ii). Explain **three** things that one should observe if they are to communicate effectively over the phone. (3mks).

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.....

**Q4. GRAMMAR**

**A. Choose the best alternative from the bracket to fill in blank spaces:**

- a. America is too far \_\_\_\_\_ reached in a day.
- b. It was not until the police arrived \_\_\_\_\_ the mob ran away.
- c. Hardly had the women reached at the market \_\_\_\_\_ it started raining.
- d. Only after you have finished my work \_\_\_\_\_ go outside.
- e. She had neither a book \_\_\_\_\_ a pen to write with.
- f. I would rather take tea \_\_\_\_\_ porridge.
- g. My friend prefers red colour \_\_\_\_\_ yellow.
- h. The meal was so sweet \_\_\_\_\_ I ate to my last morsel.
- i. It was only when the dog barked at us \_\_\_\_\_ ran away.
- j. No sooner had we sat \_\_\_\_\_ we were given soft drinks.

{ **than, that, to, nor, when, will** }

**B. Insert the correct question tags in the following sentences;**

- a. 21. Let us sweep our classroom, \_\_\_\_\_?
- b. 22. Little food was wasted, \_\_\_\_\_?
- c. 23. It hardly rains in the Sahara Desert, \_\_\_\_\_?
- d. 24. Shut up immediately, \_\_\_\_\_?
- e. 25. Most pupils are fond of making noise, \_\_\_\_\_?

**C. Use the correct form of verbs in the following sentences.**

- a. Adagala has \_\_\_\_\_ several contests. {win}
- b. The bell had already \_\_\_\_\_ when we arrived at school. {ring}
- c. You should have \_\_\_\_\_ a letter to him. {write}
- d. I am looking forward to \_\_\_\_\_ you next week. {see}
- e. Has Mogedha \_\_\_\_\_ his fees balance? {pay}

**D. Change the adjectives in the bracket into suitable adverbs for the sentences below:**

- a. The seats were \_\_\_\_\_ arranged in the podium. {beautiful}
- b. The old man drove \_\_\_\_\_ along the muddy path. {careful}
- c. The choir sang \_\_\_\_\_ at the wedding party. {joyful}
- d. Pipombo glared at me \_\_\_\_\_ when I stepped on him. {angry}
- e. Stop working \_\_\_\_\_ lest you mess up. {lazy}

**E. Eliminate one letter from each of the following words then get the opposite of the new word;**

- a. Hight \_\_\_\_\_
- b. Bachrelor \_\_\_\_\_
- c. Bietter \_\_\_\_\_
- d. Hsostess \_\_\_\_\_
- e. Expnensive \_\_\_\_\_

**PASSAGE**

**Read the passage below and answers the questions that follow:**

Many tourists from all over the world visit Egypt. They go to see the famous pyramids. Pyramids are such a wonderful sight. Each pyramid has four sides and each side look like a triangle. The flour of a pyramid is square. There is a big entrance to the pyramid. Inside each there are many rooms.

Pyramids are tombs in which the body of the Egyptian kings, pharaohs were buried. Egyptians believed their kings, were like gods. They placed the bodies of their kings in the pyramids because they wanted them to live in peace after death.

The bodies of the pharaohs were treated with special oil so they did not decay. These preserved bodies are called mummies.

The pyramids were built over four thousand years ago. They were built from strong stones. The pyramids were constructed using special stones. These stones kept the pyramids cool despite the hot weather in Egypt. The weather in Egypt is hot and humid. The temperature in the pyramids usually does not change. It stays the same, around twenty degrees Celsius.

When pyramids were built, all the chambers were beautifully decorated. The pharaoh's valuables, like golden swords, were kept next to the body. The pharaoh's beds, clothes, pictures and anything else the people believed the king needed after death were put in the room. It is said that the servants lived in some of the rooms to serve their pharaoh.

A. Why do people from different parts of the world visit Egypt?

---

B. When were the first pyramids built? \_\_\_\_\_

C. What material was used to build the pyramids? \_\_\_\_\_

D. Which two shapes have been mentioned in the passage? \_\_\_\_\_ and

---

E. Why did the Egyptians bury their dead kings in the pyramids?

\_\_\_\_\_

---

F. What did the Egyptians use so that the body did not decay? \_\_\_\_\_

G. Describe how the inside of the pyramids looked like.

\_\_\_\_\_

---

—

H. Mention at least two things that were kept next to the body of the dead king.

a. \_\_\_\_\_ b. \_\_\_\_\_

I. Do you think the pharaoh used the things kept for him in his tomb? \_\_\_\_\_

J. Name two places where we can find things of long ago

a. \_\_\_\_\_

b. \_\_\_\_\_

# COMPETENCE BASED CURRICULUM

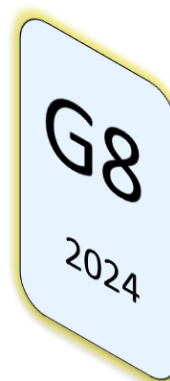
Kenya Junior Secondary Education  
Assessment

FORMATIVE ASSESSMENT

## ENDTERM 1

### INTEGRATED SCIENCE

TIME  
2 HRS



SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

**RUBRICS (for official use)**

MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

**Answer all Questions**

1. State three components of integrated science. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

2. Sophie saw the following symbols chemical bottles. What are their meaning? (3 mks)



\_\_\_\_\_  
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_  
\_\_\_\_\_



\_\_\_\_\_



3. When working in the laboratory, you must observe the following safety rules: Namely? (2 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

d. \_\_\_\_\_  
\_\_\_\_\_

4. Name four scientific skill one attains through learning integrated science.(2 mks)

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_

d. \_\_\_\_\_  
\_\_\_\_\_

5. Name three components of the atom. (3 mks)

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_

6. Name the three states of matter.(3 mks)

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_

7. write the symbol of the following elements.(3 mks)

a. oxygen-\_\_\_\_\_

b. magnesium-\_\_\_\_\_

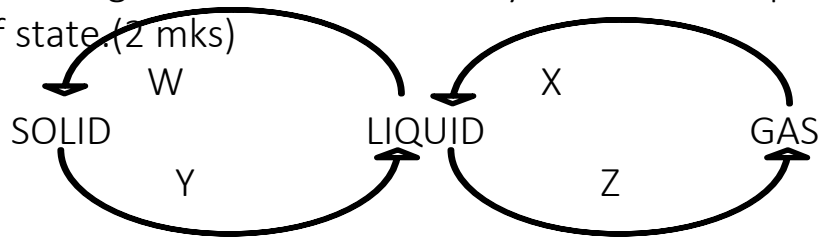
c. lead-\_\_\_\_\_

d. iron -\_\_\_\_\_

8. List four characteristics of gases.(2 mks)

- a. \_\_\_\_\_  
 \_\_\_\_\_
- b. \_\_\_\_\_  
 \_\_\_\_\_
- c. \_\_\_\_\_  
 \_\_\_\_\_
- d. \_\_\_\_\_  
 \_\_\_\_\_

9. Observe the diagram below and identify the indicated processes of change of state. (2 mks)



W= \_\_\_\_\_

X= \_\_\_\_\_

Y= \_\_\_\_\_

Z= \_\_\_\_\_

10. Name three processes that require a decrease in temperature. (3 mks)

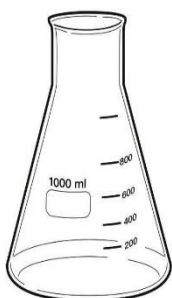
- a. \_\_\_\_\_  
 \_\_\_\_\_
- b. \_\_\_\_\_  
 \_\_\_\_\_
- c. \_\_\_\_\_  
 \_\_\_\_\_

11. State the Functions of the different parts of the Microscope. (2 mks)

	PART	USE/FUNCTION
1	<i>Eyepiece lens</i>	

2	<i>Body tube</i>	
3	<i>Stage</i>	
4	<i>Arm</i>	

12. Name the following instruments. (4 mks)



\_\_\_\_\_

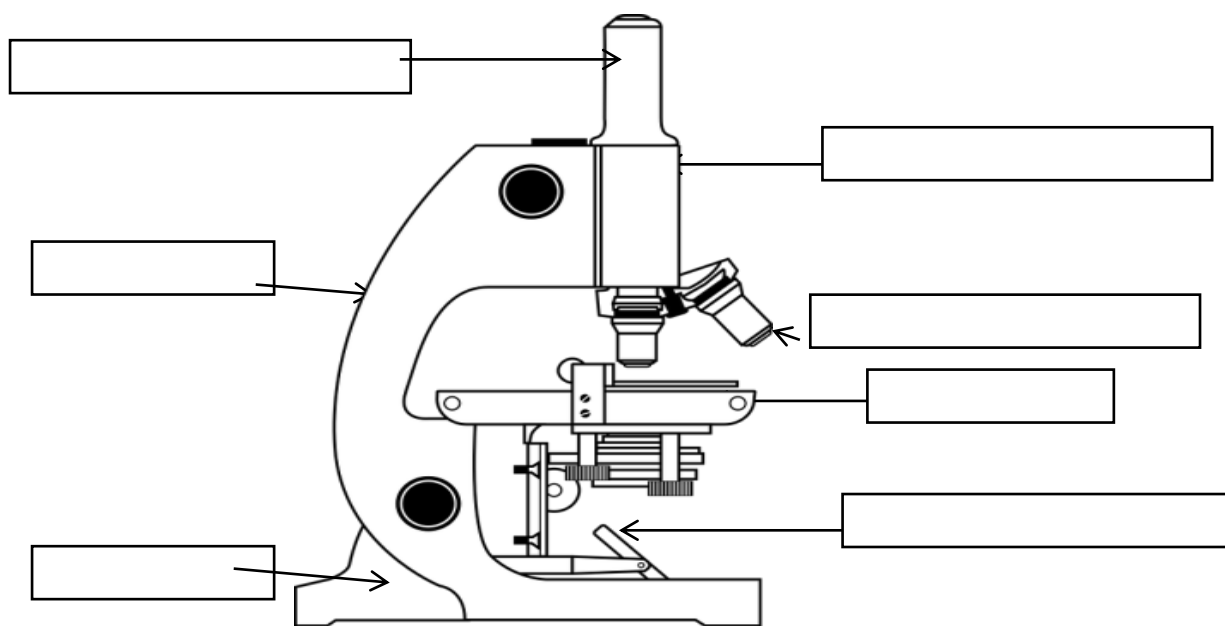
\_\_\_\_\_

13. Name three laboratory apparatus used for measuring mass of substances.(3 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_



14. Name the following parts of the light microscope.( 5 mks)

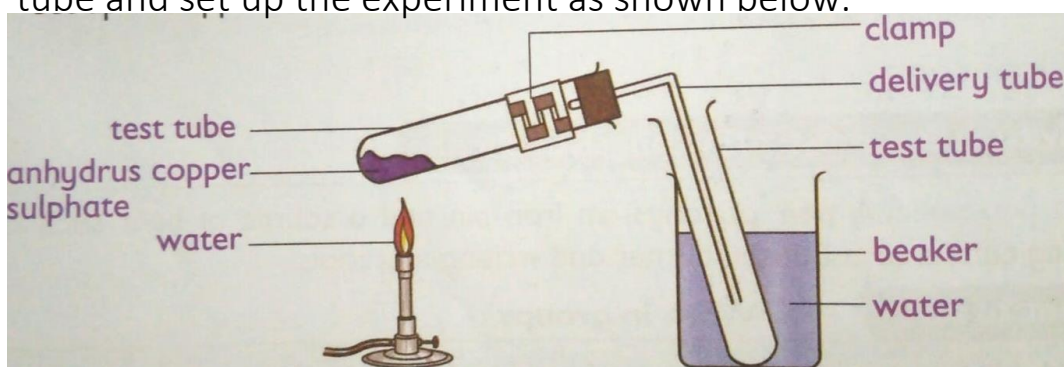


15. Grade 8 students had their practical lesson in the laboratory.name two common accidents their Integrated Science teacher taught them. (2 mks)

a) \_\_\_\_\_

b) \_\_\_\_\_

16. During an experiment in the school lab, Grade 8 learners Put 5g of powdered blue hydrated copper (II) sulphate in the test tube and set up the experiment as shown below.



a. What is the colour of hydrated copper (ii) sulphate crystals before heating?

\_\_\_\_\_ (1 mark)

b. Upon heating the anhydrous copper (ii) sulphate crystals turned white. Why did the crystals change colour? (2 marks)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c. This type of change is referred to as \_\_\_\_\_ (1 Mark)

17. Name three protective wear for safety in the laboratory. (3 mks)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

18. Explain why most laboratory apparatus are made of glass. (2 marks)

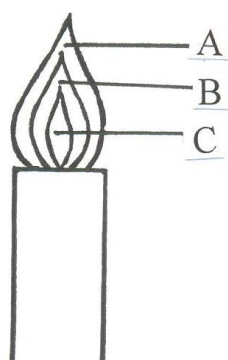
(a) \_\_\_\_\_

\_\_\_\_\_

(b) \_\_\_\_\_

\_\_\_\_\_.

19. The following diagram represents a non-luminous flame of the Bunsen burner



(i) Name the parts labeled

A – \_\_\_\_\_ - ( 1 mark )

B – \_\_\_\_\_ ( 1 mark )

C – \_\_\_\_\_ ( 1 mark )

(ii) Which of the parts in (i) above is the hottest? ( 1 mark)

\_\_\_\_\_

(iii) Give two reasons why a non-luminous flame is preferred for heating. (2 mark)

(a) \_\_\_\_\_

(b) \_\_\_\_\_

20. Name the other type of flame produced by a Bunsen burner. (1 mark )

\_\_\_\_\_

21. Under what conditions does the Bunsen burner produce the flame you have named in number 20 Above?

(1 mark)

\_\_\_\_\_

22. After use, a non-luminous flame should be put off or adjusted to the other flame. Explain. (1 mark)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

23. Given below are pH values of different solutions P, Q and S.

Study it and answer the questions that follow.

Solution	pH
P	1
Q	7
S	14

a) Which **two** solutions would react together to give a solution with a pH of 7.0? (2mk)

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24. Nitrogen, oxygen and argon are obtained from the air using fractional distillation of air. Dust, carbon (IV) oxide and water vapour are removed from the air before fractional distillation is carried out.

(i) Name the compound used to absorb carbon (IV) oxide gas from the air (1mk)

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(ii) Explain how water vapour is removed from the air (2mks)

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(iii) At what temperature are the gases liquefied? (1mk)

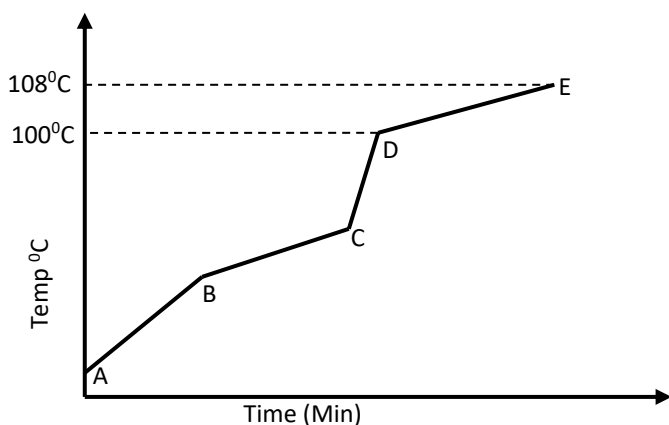
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(iv) The boiling points of nitrogen, oxygen and argon are  $-196$ ,  $-183$  and  $-186$  respectively. State the order in which the three are distilled off starting with the first to be distilled off. (1mk)

---

25. Study the diagram shown below to answer the questions that follow. The curve shows the heating curve of water in the laboratory.



(i) At what temperature does the water boil? (1 Mark)

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(ii) Is the curve for a pure water or impure water?(1 Mark)

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(iii) Give one effect of impurities on the boiling point of water (1 Mark)

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26. Write a word equation for the above reaction between calcium carbonate and dilute hydrochloric acid (1 Mark)

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27. Write the word equations for the reaction of sodium and chlorine(2 Marks)

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28. Write the word equations for the reactions between oxygen and each of the following.  
i)Zinc metal.(1mrk)

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ii)Calcium .(1mrk)

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iii) Magnesium .(1mrk)

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iv) Potassium .(1mrk)

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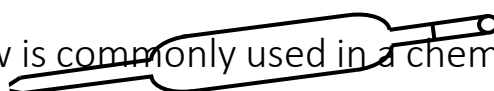
v) Sodium .(1mrk)

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29. The apparatus below is commonly used in a chemistry laboratory to measure volumes.



(i) Give its name

(1 Mark)

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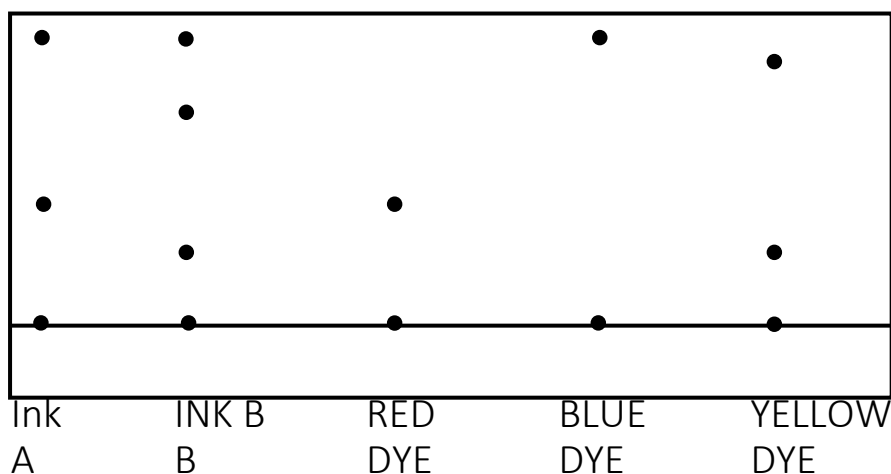
(ii) Name any other three apparatus which can be used to measure volumes of liquids (3mks)

(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

30. The chromatogram of two inks and three dyes is drawn below.



(a) Name the colours of dyes present in ink A (2 Mark)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(b) Suggest how separated dyes can be recovered (2 Mark)

\_\_\_\_\_

\_\_\_\_\_

(c) What properties of the dyes make this method of separation possible? (2 Mark)

(a) \_\_\_\_\_

(b) \_\_\_\_\_

\_\_\_\_\_

31. Name the method that can be used to separate the following

a. Ethanol and water mixture (1mk)



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b. Kerosene and water mixture (1mk)

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c. Common salt and iodine mixture (1mk)

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32. In temperate countries, salt is sprayed on roads to melt ice and clear roads but the long term effect on this practice is costly to motorist.

(a) Explain why salt help in melting the ice. (2mark)

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(b) Explain why the long term effect is costly to motorist. (1mark)

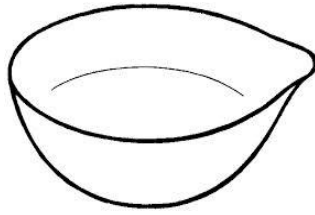
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33. (a) The diagrams below are some common laboratory apparatus. Name each apparatus and state its use. (4marks)





Name: \_\_\_\_\_ Name:

\_\_\_\_\_

Use: \_\_\_\_\_

Use: \_\_\_\_\_

**34.** Give two reasons why air is a mixture but not a compound. (2 mark)

(a) \_\_\_\_\_

\_\_\_\_\_

(b) \_\_\_\_\_

\_\_\_\_\_

The end



# SEKONDARI MSINGI

# UTATHMINI WA

## MWISHO WA MUHULA WA 1

### Kiswahili

MUDA  
SAA 2

SHULE: .....

JINA: .....

NAMBARI YA MTHANI..... SAINI: .....

**(YA MTATHMINI PEKEE)**

ALAMA	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
<b>KIWANGO</b>	<i>CHINI YA MATARAJIO</i>	<i>KUKARIBIA MATARAJIO</i>	<i>KUFIKISHA MATARAJIO</i>	<i>KUZIDISHA MATARAJIO</i>

YA MTAHINI PEKEE

Maagizo

	100%
ALAMA YA MWANAFUNZI	
ASILIMIA	
KIWANGO	

- Andika jina lako na nambari yako ya mtihani katika nafasi zilizoachwa hapo juu.
- Tia sahihi yako kisha uandike tarehe ya mtihani katika nafasi ulizoachiwa hapo juu
- Jibu maswali yote.
- Majibu yote yaandikwe katika nafasi ulizoachiwa katika kijitabu hiki cha maswali
- Majibu yote lazima yaandikwe kwa lugha ya Kiswahili.

f. Usitoe ukurasa wowote kutoka kwenye kijitabu hiki.

h. Watahiniwa ni lazima wahakikishe kwamba kurasa zote za karatasi hii zimepigwa chapa sawasawa na kuwa maswali yamo.

**KWA MTAHINI PEKEE**

SWALI		UPEO	ALAMA
1	UFAHAMU	15	
2	UFUPISHO	15	
3	LUGHA	40	
4	ISIMUJAMII	10	
5	INSHA	20	
	JUMLA	100	

## 1. UFAHAMU (ALAMA 15)

### **Soma taarifa hii kisha ujibu maswali yanayofuata.**

Alipokuwa akiukemea utamaduni na dhana za kikabila katika nyimbo zake, marehemu Bob Marley aliufananisha ubepari na “wanyama wala watu.” Katika wimbo “Babylon System” (yaani mfumo wa kibepari), Marley alisema kuwa utamaduni huo ndio mzawa wa matatizo yote ya kiutawala ambayo yalikuwa yakiyakumba mataifa ya Weusi katika karne ya 20, wakati nchi zao zilikuwa zikitawaliwa na nchi za mataifa ya Ulaya.

Kwa mantiki hiyo, pengine Marley alikuwa na maono kuwa Afrika haingejikomboa kutoka kwa utumwa wa Kizungu, ikiwa ingeendelea kuziabuwa na kuzishadidia tamaduni za Kimagharibi.

Utabiri huo nauoanisha na yanayoendelea nchini, ambapo serikali ya Jubilee imeonekana kushindwa kabisa kuikabili saratani ya ufisadi, ambayo inahatarisha kuliunganisha taifa hili lenye uchumi dhalili.

Donda hili linazidi kuyatandaza mabawa yake kutoka, tisho kuu likiwa ni uvamizi wa taasisi “takatifu” ambazo tunazitegemea kulikabili donda hilo.

Ni nani tutategemea kukabiliana na rushwa ikiwa taasisi kama Bunge, Tume ya Maadili na Kukabiliana na Ufisadi (EACC) kati ya zingine muhimu zimepakwa tope na saratani hiyo?

Kimsingi yote tunayopitia ni matunda ya uasi wa tamaduni za Kiafrika na uegemezi wa mifumo ya Kizungu kama mihimili ya jamii na nchi zetu.

Ndoto za watetezi wa Uafrika na nafasi ya Weusi kama marehemu Malcom X na Martin Luther King, zilikuwa ni kuona kuwa wameungana kabisa kukabiliana na matatizo yaliyowakabili bila kuzingatia mazingara waliyokuwemo.

Pindi tu baada ya mataifa mengi ya Kiafrika kujinyakulia uhuru wao katika miaka ya hamsini na sitini, viongozi wakuu walioziongoza nchi hizo kama Kwame Nkrumah, Jomo Kenyatta, Mwalimu Julius Kibarage Nyerere kati ya wengine walianza harakati za kuliunganisha bara hili na kubuni Muungano wa Nchi za Kiafrika (OAU) japo ndoto hiyo haikufikia.

Kwa msingi huo, mhimili mkuu wa kiutawala ungekuwa ni mfumo wa kisosholista, ambao ungekuwa nguzo kuu ya kuyaunganisha mataifa hayo.

Hata hivyo, migawanyiko mikubwa ilianza kushuhudiwa, huku baadhi ya mataifa yakianza kukabiliwa na mapigano ya wenyewe kwa wenyewe. Huo ndio ulikuwa mwanzo wa kutaasisika kwa maovu yote tunayoshuhudia sasa: ufisadi na tamaa ya kuogofya kutoka kwa viongozi wetu.

### **Maswali**

a. Ipe taarifa hii anwani mwafaka. (alama 1)

.....  
.....  
.....

**b. Onyesha mambo mawili makuu ambayo msanii aliyapinga.(alama 2)**

.....  
.....  
.....  
.....

**c. Kwa nini ubepari umelinganishwa na “wanyama wala watu”? (alama 2)**

.....  
.....  
.....  
.....

**d. Kwa mujibu wa taarifa eleza sifa za Bob Marley.(alama 2)**

.....  
.....  
.....  
.....  
.....

**e. Swala linalozungumziwa limerejelewa kama “Donda”.**

**i) Eleza mbinu ya lugha iliyotumika.. (alama 2)**

.....  
.....  
.....  
.....

**ii) Ni kweli kuwa donda hili laelekea kuwa gumu? Thibitisha.(alama 2)**

.....  
.....  
.....  
.....

**f. Tatizo hili la “donda” ni kama kujipalia makaa. Fafanua.(alama 2)**

.....  
.....

.....  
.....  
g. Eleza maana ya maneno yafuatayo kwa mujibu wa taarifa. (alama 2)

i) Mhimili  
.....

ii. Taasisi  
.....

## **2. MUHTASARI**

***Soma taarifa ifatayo kwa makini kisha ujibu maswali yanayofuata.***

Nchi nyingi duniani zimetia saina mkataba wa umoja wa mataifa kuhusu haki za watoto. Haki ni mambo mema ambayo watoto wanastahili kutendewa. Kwa kutia saina, nchi hizi zimetangaza kujitolea kwao kuzilinda na kuhahakikisha kuwa hakuna ukiukaji wake na kuwa watoto wote katika himaya zao wananufaika kutokana na haki hizi.

Miongoni mwa haki hizi ni kuwa kila mtoto ana haki ya kuishi na kupata chakula cha kutosha na chenye viinilishe bora. Pili, kila mtoto ana haki ya kupata elimu. Elimu hii inafaa kutolewa bila ada na iwe inayofaa na inayopatikana kwa urahisi. Kisha kila mtoto ana haki ya kutopigwa na kutodunishwa kwa namna yoyote, iwe kitabaka, kirangi, kijinsia na vinginevyo. Mtoto ana haki pia kutolazimishwa kufanya kazi za kiutumwa, nzito na za kushurutishwa. Hali kadhalika, ana haki ya kuishi katika nyumba au makazi bora na salama, kutunzwa na kulindwa dhidi ya hali yoyote inayoweza kumhatarisha. Anatakiwa ashirikishwe katika kufanya maamuzi. Fauka ya haya, ana haki ya kupata huduma za afya, mahitaji maalum, michezo, upendo na habari. Isitoshe, anastahili kuheshimiwa kimawazo na kihisia. Haki hizi zinatakiwa kulindwa na kila mwanajamii, hivyo serikali za mataifa mengi zimeshirikisha haki hizi katika katiba za nchi zao na sheria zao.

Walakini haki hizi bado zinakiukwa. Watoto wengi kote duniani bado wananyimwa haki zao. La kusikitisha na kukera ni kuwa wanaotarajiwa kuwa vigogo vya kuzilinda haki hizi, ndio wanaoongoza kuzikiuka. Kila siku tunasikia na kushuhudia visa vya watoto kupigwa, kunyimwa chakula, kufanyishwa kazi kipunda, kuteswa, kuishi katika mazingira hatari, na hata kuuawa. Kuna watoto wengi wanaolala nje, wengine hawapati chakula licha ya kuwa wanatakiwa kupata chenye lishe bora. Kwao kutarajiwa mlo awamu tatu kwa siku ni njozi kwani hata awamu moja ni adimu kupata.

Watoto wengi katika mataifa yenye fujo na ghasia hutekwa na kutumikishwa vitani. Viongozi katika mataifa haya hawafanyi kitu ila kutazama tu wakati watoto wanaotakiwa kuwalinda wanageuzwa kuwa mibaba ya kuuu na kuuana. Watoto hawa huvishwa magwanda ambayo miili yao minyonge haiwezi kuyahimili. Pia, huvalishwa mabuti ya kijeshi ambayo ni mizigo mizito ya kubeba mbali na bunduki zinazokaribia kuwazidi uzani wakati wanatakiwa kuwa wamelindwa majumbani, na shuleni na wazazi wao na serikali.

Jukwaa la vijiji vya mataifa ya ulimwengu wa tatu limesheheni watoto wasioenda shule kwa sababu ya lindi la ufukara uliokithiri. Elimu ya bure inayogusiwa katika haki za watoto haipo. Wanaong'ang'ana iwepo ni kana kwamba ni waota ndoto mchana. Jiulize watoto wangapi sasa hivi wamo majumbani bila kwenda shuleni kutokana na ukosefu wa karo? Wangapi wamo mitaani wakivuta na kunusa gundi huku wakiombaomba vishilingi?

Hali ilivyo sasa hivi inadai kuwa mimi na wewe tufanye hima na kuungana mikono kutafuta suluhisho la kudumu kuhusu haki za watoto. Twapasa kuhimiza serikali zetu kufanya kila ziwezavyo kuhakikisha kuwa watoto wote wamo shuleni. Nasi tushirikiane kutoa huduma kwa watoto na kukomesha dhuluma, mateso na dhiki kwao. Haitoshi kupeleka miswada mbungeni kuhusu haki za watoto na kuipitisha kuwa sheria. Twastahili kubadilisha misimamo yetu kuhusu haki hizi na kuzilinda kwa dhati bali si kwa chati.

**Maswali**

a) Fupisha aya mbili za kwanza. ( maneno 65-70) ( alama 8,utiririko 2 )

Matayarisho

.....

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Nakala safi

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b)Eleza ni vipi ukiukaji wa haki za watoto unaweza kuepukwa . ( maneno 30-35) (alama 4 , utiririko 1 )

Matayarisho

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Nakala safi

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**3. MATUMIZI YA LUGHA / SARUFI**

a) Eleza sifa bainifu za sauti /j/. (alama 2 )

.....

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.....

b) Fafanua maana ya shadda. (alama 2)

.....

.....

.....

c) Bainisha mofimu - **LI**- katika tungo hii. (alama 3 )  
Alivyolikimbilia

.....

.....

.....

.....

d) Bainisha shamirisho kipozi na kitondo katika sentensi hii. (alama 2)

Nyanya ametengezewa kitanda kizuri na mjukuu wake.

.....  
.....

e) Changanua sentensi ifuatayo kwa njia ya matawi.  
Bakari, Roda na Hirsi wamefurahi kupita mtihani.

(Alama 4)

f) Kanusha sentensi ifuatayo :-

(alama 2)

Kuliko na vita kwahitaji amani.

.....  
.....  
g) Yakinisha sentensi ifuatayo katika wakati ujao hali timilifu wingi.  
Msomi hakutuzwa siku hiyo.

(alama 2)

.....  
.....

h) Tunga sentensi mbili kuonyesha matumizi mawili tofauti ya paradesi.

(alama 2)

.....  
.....

i) Toa maana mbili ya sentensi ifuatayo:

Leteni! (alama 2)

.....  
.....  
.....

j. Eleza matumizi matatu ya kiambishi “ku” (alama 3)

.....  
.....  
.....

K. Tunga sentensi sahihi ukitumia vitenzi vifuatavyo katika hali ya kufanyiza. ( alama 3 )

i)- La

.....  
.....

ii)- Nywa

.....  
.....

iii) -Fa

.....  
.....

L. Andika upya sentensi kwa kutumia ‘O’ rejeshi tamati. ( alama 2)

Gari lililoanguka si lile unalolizungumzia.

.....  
.....

M. Unda nomino kutokana na kivumishi kifuatacho: ( alama 1 )

Tepetevu

.....  
.....

N. Ainisha vihusishi vilivyopigiwa mstari.

Atieno ndiye mtoto wa mwisho wa Ojwang lakini ni mwerevu kuliko wengine. (alama 2)

.....  
.....

O. Andika sentensi ifuatayo kwa kufuata maagizo .

Nimewaleta askari kituoni ili wawalinde wananchi wote wanaosumbuliwa na majambazi.

(alama 3 )

Anza:

Wananchi.....  
.....

P. Andika sentensi hii katika hali ya ukubwa wingi. (alama 2)

Ng'ombe mnono atachinjiwa wachezaji.

.....  
.....

Q. Taja uamilifu wa maneno yaliyopigiwa mstari. (alama 2 )

i)Hapa ni pangu.

.....  
.....

ii)Haraka yako itakuponza.

.....

R) Andika neno lenye muundo huu. (alama 1)

KKKKI

.....  
.....

#### 4. Isimu Jamii

i. Eleza maana ya lugha (alama 2)

.....  
.....

ii. Eleza mambo manne yanayopeleka kufifia / kufa kwa lugha. (alama 8 )

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**KUANDIKA**

**INSHA**

Andika insha itakayo mlizia kwa maneno haya

**.bila shaka hapo ndipo nilipokiri uhakiki wa methli kwamba mla nawe hafi nawe bali mzaliwa nawe.**

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# COMPETENCE BASED CURRICULUM

## Kenya Junior Secondary Education Assessment

### FORMATIVE ASSESSMENT

# ENDTERM 1

## MATHEMATICS

TIME  
2 HRS



SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

#### RUBRICS (for official use)

MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

**Answer all Questions**



Show your working in this paper.

1. Use the symbols  $<$ ,  $>$ , or  $=$  to compare the following integers.

Example: -13 and 17 (1mk)

ANSWER  $-13 < 17$

a) -2 and -3 (1mk)

b) -3 and 4 (1mk)

c) 5 and -5 (1mk)

2. Find the L.C.M of 24, 15 and 16. (2mks)

3. Circle the numbers which are:

a) Odd numbers only [ 20, 18, 6, 7, 8, 21 ] (1mk)

b) Prime numbers only [ 14, 2, 10, 9, 3 ] (1mk)

4. Convert the following fractions into percentages:

a)  $\frac{3}{4}$   
(2mks)

b)  $\frac{1}{4}$   
(2mks)

5. What is the G.C.D of 60, 80 and 120?  
(2mks)

6. What is the total value of digit 7 in the number 13,467,589?  
(1 mk)

7. Write in figures fifty five million five thousand and five.  
(2mks)

8. Write the following into improper fraction:

a)  $1\frac{3}{4}$   
(2mks)

b)  $2\frac{6}{7}$  (2mks)

9. Write 27,707,807 in words.  
(2mks)

10. State the place values of the following digits in the number  
201.789.

a) 1  
(1mk)

b) 8  
(1mk)

11. Use factor-tree to decompose 256 into prime factors.  
(3mks)

12. Use a number line to perform the following operations.

a)  $(-10)-(-3)$  (1mk)

b)  $(-3)-(-4)$  (1mk)

c)  $(+1)-(-8)$  (1mk)

13. What is the place value of total value of digit 6 underlined below..

(3mks) 47,397,263,402

Round off the following numbers to the nearest number indicated in the brackets.

(3mks)

a) 473,678(100)

b) 379(10)

c) 38,679(10,000)

**14.**

Write the following in symbols.

(2mks)

a. Five billion, five million, five thousand and five.

**15.** Write the following in words 80,000,045, 000

a. (2mks)

**16.** Express the following numbers as a product of their prime factors.

a) 900  
(2mks)

b) 300  
(2mks)

c) 196  
(2mks)

d) 64  
(2mks)

**17.** Use the number line to perform the following.

a)  $(+5) - (-2)$

(2mks)

b)  $(+2) + (+3)$

(2mks)

c)  $-7 - (-8)$

(2mks)

**18.**

The G.C.D of two numbers is 12 and their L.C.M is 240. If one of the numbers is 60. Find the other number.

(3mks)

**19.** If  $x=-2$ ,  $7=-6$  and  $Z=4$ . Find the values of

(a) 4 (3mks)



Z

(b)  $4z+2y-x$   
(3mks)

20.

Three tanks are capable of holding 36, 84 and 90 Litres of milk. Determine the capacity of the greatest vessel which can be used to fill each one of them on exact number of times.

(3mks)

21.

Tell whether the following numbers are divisible by 3.

(4mks) a) 1257

b) 72

22. Three bells ring at intervals of 40 minutes, 45 minutes and 60 minutes. If they ring simultaneous at 6.30 a.m. at what time will they next ring together. (4mks)

23. A bookstore had 30816 exercise books which were packed in cartons. Each carton contained 24 exercise books. The mass of an empty carton was 2kg and a full carton 12kg.

a. How many cartons were there? (2mks)

b. What was the total mass of the empty cartons? (2mks)

c. What was the total mass of books alone? (2mks)

24. Name the following fractions.(3 mks)  
 $\frac{2}{3}$

5/8

9/10

25. Express  $1.\overline{523}$  as a fraction. (3mks)

26. The diagonal of a square measures 44cm. Calculate the perimeter of the square. 3mrks

27. Calculate; [3mks]  
 $2.61 \times 21.83 \times 0.073$   
 $61.72 \times 11.73$

28. Patrick spent  $\frac{2}{5}$  of his salary on food,  $\frac{1}{3}$  of the remainder on electricity and saved the rest.

(a). What fraction of his salary did he save? (2mrks).

(b). If he spent Sh. 1,200 on food, how much did he spend on electricity? (2Mks)

29. If  $r=5$ ,  $s=2$ , and  $t=3$ , find the value of; (3mks)

$$\frac{r^2+s^2-t}{t^3}$$

30. A farmer has three containers of capacity 12L, 15L and 21L, calculate the capacity of:

a) The smallest container which can be filled by each one of them an exact number of times (2 Mrks).



FOR MARKING SCHEME CALL SIR ABRAHAM 0729 125 181

(b). The largest container which can fill each one of them an exact number of time.(2 Mks)

# COMPETENCE BASED CURRICULUM

Kenya Junior Secondary Education  
Assessment

FORMATIVE ASSESSMENT

## ENDTERM 1

### PRE-TECHNICAL STUDIES

TIME  
2 HRS



SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

*RUBRICS (for official use)*

MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

**Answer all Questions**



1. State three components of pre-technical studies. (3 mks)

- a) \_\_\_\_\_  
\_\_\_\_\_
- b) \_\_\_\_\_  
\_\_\_\_\_
- c) \_\_\_\_\_  
\_\_\_\_\_

2. State three roles of pre-technical studies in day today life.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

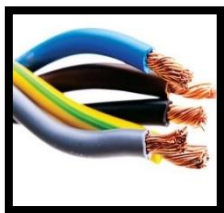
3. CPU has 3 components, list them. (3mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

4. Name three examples of metals. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

5. Identify the metal used to make the following material.(5 mks)



**6. Write in full. (6mks)**

a.) ALU

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b.) USB

---

---

c.) HDMI

---

---

**7. State two problems experienced when setting up computers. (2mks)**

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

**8. List down three causes of Repetitive Strain Injury (RSI) (3mks)**

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

**9. State three physical threats to computers. (3mks)**

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_

**10.State three Function of a computer. (3 mks)**

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_  
\_\_\_\_\_

c. \_\_\_\_\_  
\_\_\_\_\_

**11.State four Advantages of using a computer. (4 mks)**

a. \_\_\_\_\_  
\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

d. \_\_\_\_\_

\_\_\_\_\_

**12.** Outline three Importance of communication in the work environment.(3 mks)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

**13.** Name four ICT Tools used in Communication.(4 mks)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

d. \_\_\_\_\_

\_\_\_\_\_.

**14.** Name three Examples of technical drawings:

a. \_\_\_\_\_

\_\_\_\_\_

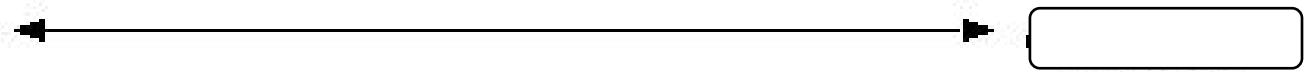
b. \_\_\_\_\_

\_\_\_\_\_

c. \_\_\_\_\_

\_\_\_\_\_

**15.** Name the Types of Lines used in drawing. (4 mks)



16.State four factors of production.(4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

17.State three characteristics of economic resources used for production of goods and services.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

18.Give three examples of non-metallic materials.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

19.Name the parts of the computer shown below. (4 mks)





**20.**State three examples of safety measures. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

**21.**Identify four Physical threats at workplaces. (4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

**22.**Name at least four examples of online threats at work place. (4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

**23.**State three ideas and practices on how to personal and sensitive data from the public when online. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

**24.**Identify two Safety Rules and Regulations at Work. (2 mks)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

**25.**List any two computer hardware components. (2mks)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

**26.**Mention two Careers related to Personal Safety.( 2mks)

a) \_\_\_\_\_

\_\_\_\_\_

b) \_\_\_\_\_

\_\_\_\_\_

**27.**Name the following items. (3 mks)



\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_

**28.**Give two examples of Metals. (2 mks)

a) \_\_\_\_\_

\_\_\_\_\_

b) \_\_\_\_\_

\_\_\_\_\_

**29.**Draw any four safety wears. (10 mks)

# COMPETENCE BASED CURRICULUM

## Kenya Junior Secondary Education Assessment

### FORMATIVE ASSESSMENT

# ENDTERM 1

## SOCIAL STUDIES

TIME  
2 HRS

G8  
2024

SCHOOL: .....

NAME: .....

SIGNATURE: .....ASSESSMENT NO.....

*RUBRICS (for official use)*

MARK SCORE RANGE	<i>Below 40</i>	<i>40-59</i>	<i>60-79</i>	<i>80-100</i>
PERFORMANCE LEVEL	<i>Below expectation</i>	<i>Approaching expectations</i>	<i>Meeting expectations</i>	<i>Exceeding expectations</i>

FOR FACILITATOR'S USE ONLY

OUT OF	100%
LEARNERS SCORE	
PERCENTAGE SCORE	
PERFORMANCE LEVEL	

**Answer all Questions**

1. List three components of social studies. (3 mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

2. State four importance of learning social studies.( 4 mks)

- a) \_\_\_\_\_
- \_\_\_\_\_
- b) \_\_\_\_\_
- \_\_\_\_\_
- c) \_\_\_\_\_
- \_\_\_\_\_
- d) \_\_\_\_\_
- \_\_\_\_\_

3. State three career opportunities related to social studies. (3 mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

4. State three entrepreneurial opportunities in social studies. (3 mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

5. State three gender stereotypes associated with career choices and entrepreneurial opportunities in Social Studies. ( 3 mks)

- a) \_\_\_\_\_
- \_\_\_\_\_
- b) \_\_\_\_\_
- \_\_\_\_\_
- c) \_\_\_\_\_
- \_\_\_\_\_

8. Outline three strategies that we can address gender stereotypes in career and entrepreneurial opportunities related to social studies. (3mks)

- a) \_\_\_\_\_
- \_\_\_\_\_.
- b) \_\_\_\_\_
- \_\_\_\_\_
- c) \_\_\_\_\_
- \_\_\_\_\_



6. What were characteristics of Ramapithecus. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

7. Match the following stages of man correctly



RAMAPITHECUS



HOMO HABILIS



ZINJANTHROPUS

8. Identify three elements of a Map. ( 3mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

9. What is the capital city of the following African nation? (1 mk)



10. Identify two offshore islands in Africa. (2mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_

11. State three components of the solar system. (3 mks)

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

12. State four effects of rotation of the Earth (4 mks)

- a) \_\_\_\_\_
- \_\_\_\_\_
- b) \_\_\_\_\_
- \_\_\_\_\_
- c) \_\_\_\_\_
- \_\_\_\_\_
- d) \_\_\_\_\_
- \_\_\_\_\_

13. State the two theories that explain the origin of man.

- a. \_\_\_\_\_
- b. \_\_\_\_\_

14. Match the following early visitors to Africa with their names.



Arabs



Egyptians



Greeks



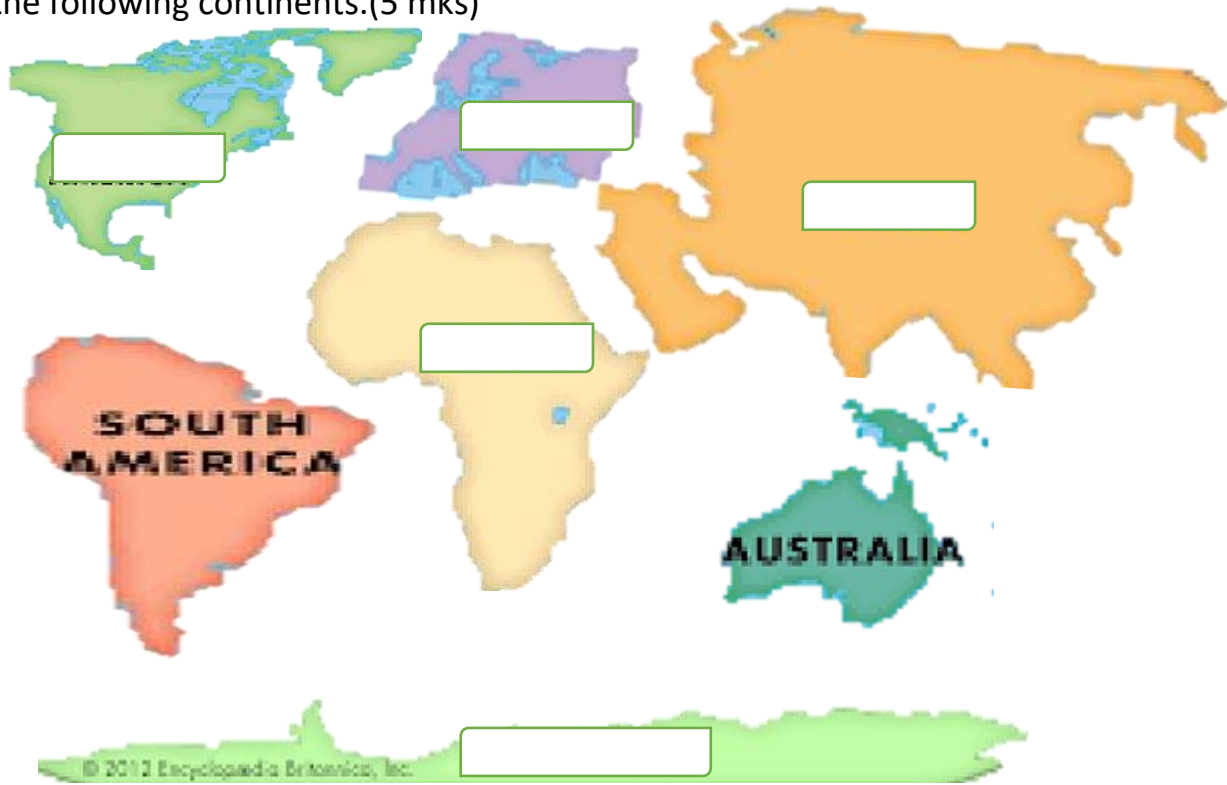
Portuguese

15. Name the stages of man from the first to the current. (4 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

- d. \_\_\_\_\_
- e. \_\_\_\_\_
- f. \_\_\_\_\_
- g. \_\_\_\_\_
- h. \_\_\_\_\_

16. Name the following continents.(5 mks)



17. State three Factors that led to the presence of Europeans in Africa. (3 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

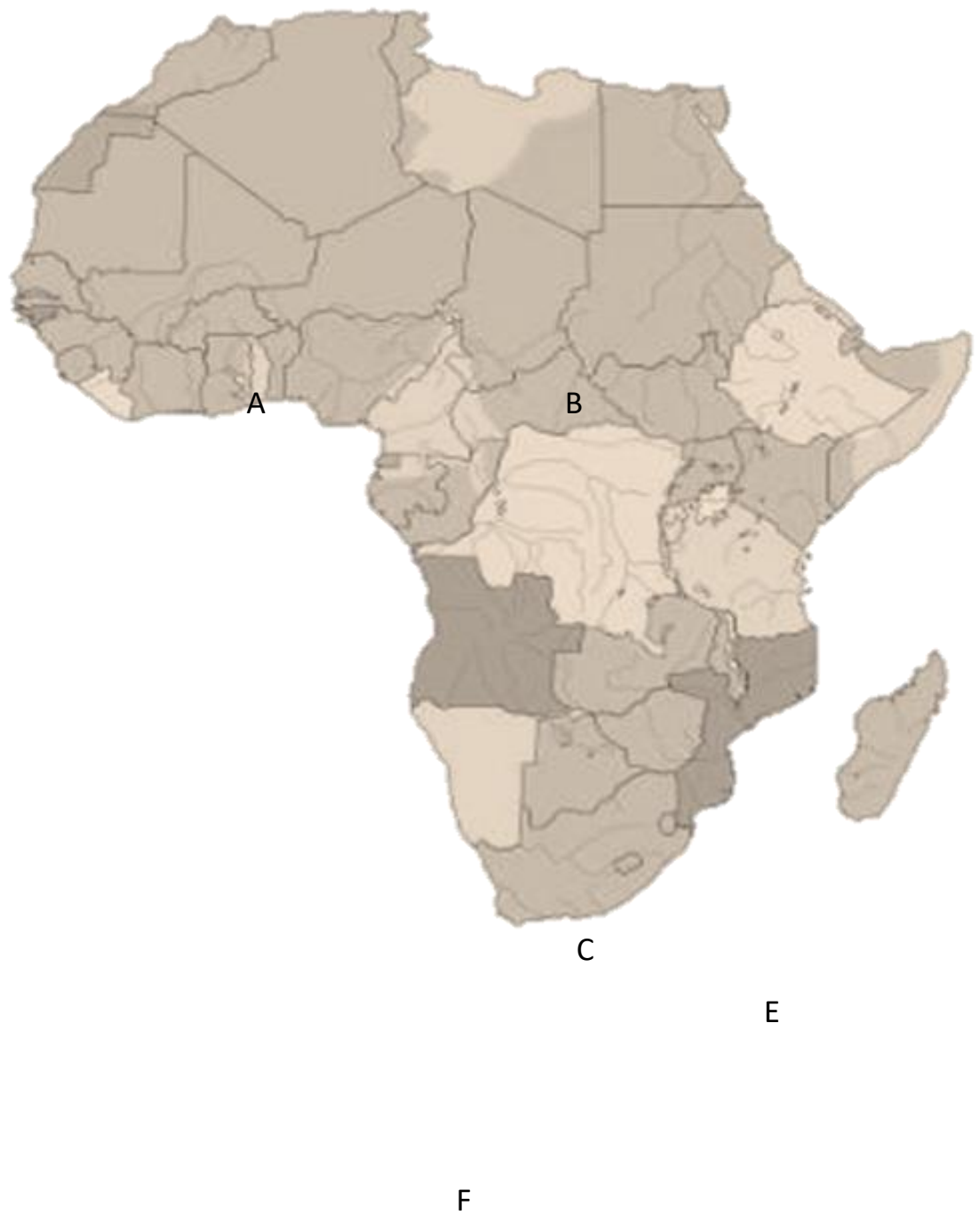
18. State the countries colonized by the following colonial masters. (3 mks)

Colonial master	Countries they colonized.
Britain	
Belgium	
Portugal	

19. State four terms of the Berlin Conference of 1884-1885 on partitioning of Africa.(4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

20. Name the countries marked ABCDE. (6 mks)



A-Libya

B-Egypt

C-South Sudan

D-Congo

E-Madagascar

F- South Africa

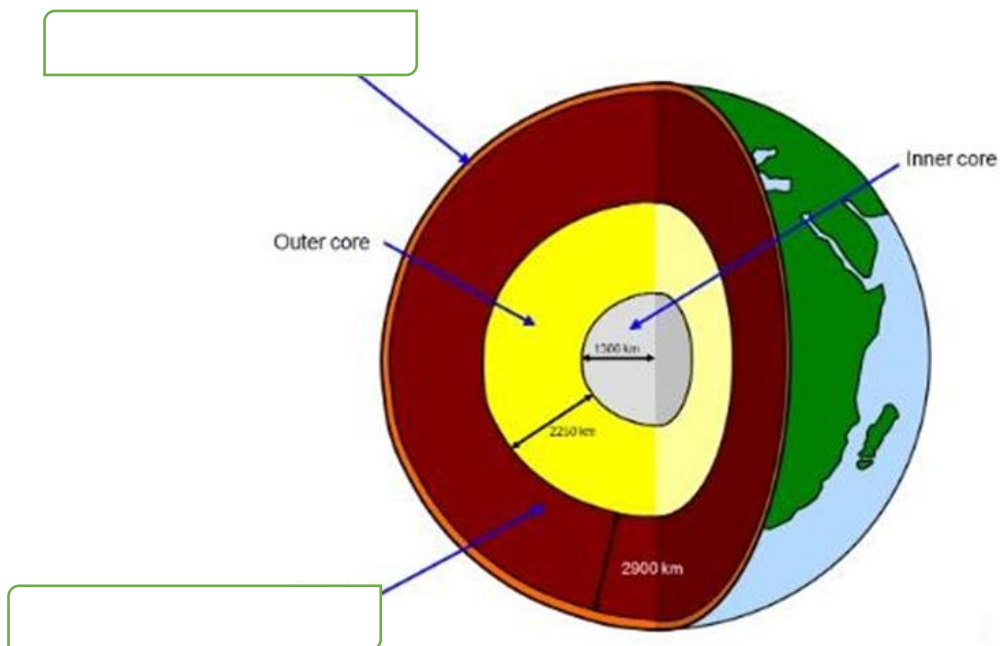
21. State three National Values provided in the Constitution of Kenya.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

22. List down four proofs that the earth is spherical .(4 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_
- d. \_\_\_\_\_  
\_\_\_\_\_

23. Identify the following parts of internal structure of the earth. (2 mks)



24. Describe three factors that contributed to the presence of African Diasporas across the World. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

25. Africans in diaspora play an important role in the political development in Africa. Mention at least three roles. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

26. State three Positive effects of globalization. (3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

27. Mention three Qualities of a global citizen in the modern society.(3 mks)

- a. \_\_\_\_\_  
\_\_\_\_\_
- b. \_\_\_\_\_  
\_\_\_\_\_
- c. \_\_\_\_\_  
\_\_\_\_\_

28. Who were the founders of OAU?(6 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_

- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_
- f. \_\_\_\_\_.

**29.** Mention three Principles of Leadership and integrity.(3 mks)

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_



