ENDTERM 3 ASSIGNMENT

FORM 1 ALL SUBJECTS

Attempt This Assignment in Your New Exercise Books

It SHALL Be Submitted On Opening Date!

NAME; …….

ADMISSION NO; ……

STREAM ……..

HAVE A NICE HOLIDAY, STAY SAFE!

BY ADMINISTRATION

FOR MARKING SCHEMES CALL/TEXT/WHATSAPP 0705525657

ENDTERM 3 ASSIGNMENT

FORM 1

CHEMISTRY

Answer All the questions in the spaces.

1. What is chemistry **(1 mark)**

2. State any importance of studying chemistry **(1 mark)**

3. **a)** Name three illegal drugs **(3 marks)**

b) State three ways of preventing drug abuse. **(3 marks)**

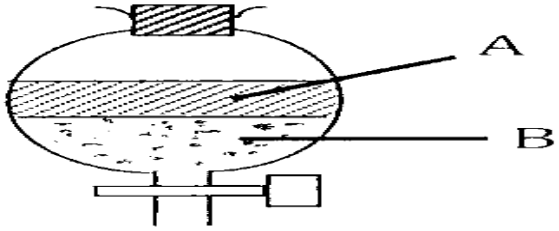
4. Complete the following table (8mks)

Apparatus	name	use
i 		
ii 		
iii 		
iv 		

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5. State four laboratory safety rules (4mks)

6. (a)The apparatus below were used to separate a mixture of liquid A and B.

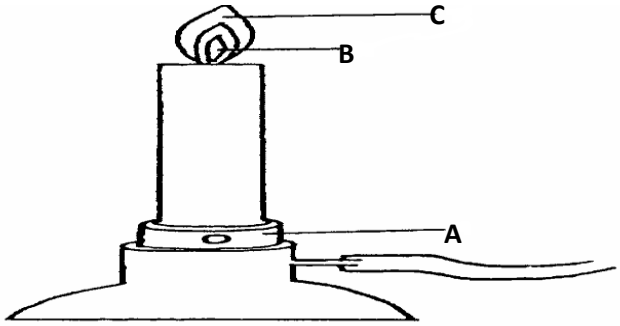


State ***two*** properties of liquids that make it possible to separate using such apparatus. (2 marks)

(b) Give the name of the above apparatus. (1 mark)

7**.** Describe how you can separate a mixture of sand and common salt **(3 marks)**

8**.**The diagram below shows a Bunsen burner when in use



i. Name the regions labelled **B** and **C**. **(2 marks)**

B…….

C…….....

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ii. What is the function of the part labeled **A**? **(1 mark)**

9. State three differences between physical and chemical change. **(3 marks)**

10. **i.** Differentiate between weak and strong alkali **(2 marks)**

ii. The following is a list of pH values of some substance:

Substance	**M**	**N**	**V**	**X**	**Z**
pH	10.6	7.2	13.2	5.9	1.5

Identify:

a) Strong acid **(1 mark)**

b) Weak base **(1 mark)**

11. Name the method or process that can be used to separate each of the following mixture

i. Water and motor oil **(1 mark)**

ii . Iron filings and sulphur powder . **(1 mark)**

iii. Iodine and sand **(1 mark)**

iv. Water and ethanol **(1 mark)**

12. Write the chemical symbols of the following elements **(5 marks)**

i. Calcium ……..

ii. Sodium…….

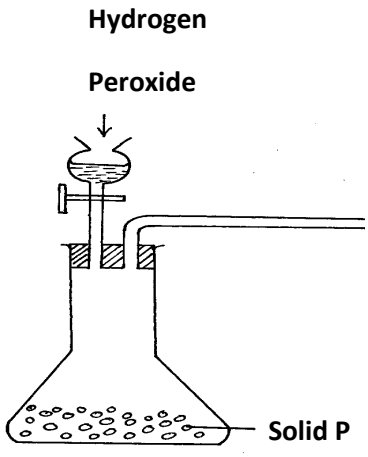
iii. Barium……..

iv. Lead……

v. Copper…….

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13. The diagram below represents the apparatus used to prepare and collect oxygen.



i. Complete the diagram to show how oxygen gas is collected.**(2 marks)**

ii. Name solid **P** **(1 marks)**

P

iii. Write the word equation to show the reaction that produces oxygen gas.**(1 mark)**

iii. State three physical properties of oxygen. **(3 marks)**

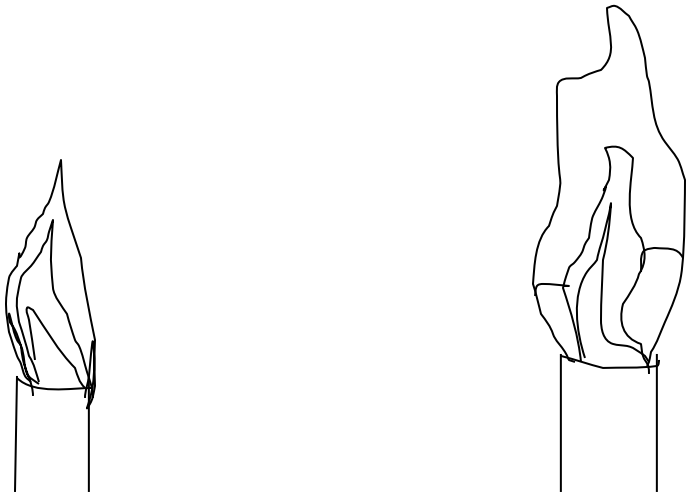
v. State **two** uses of oxygen gas. **(2 marks)**

14.(i) What is a flame? (1mk)

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(ii). The following diagrams represent the two types of flames produced by a bunsen burner.

(a) (b)



(a). Identify the flames (a) and (b). (2mks)

(b). Which type of the flames identified above is preferred for heating? Give a reason for your answer. (2mks)

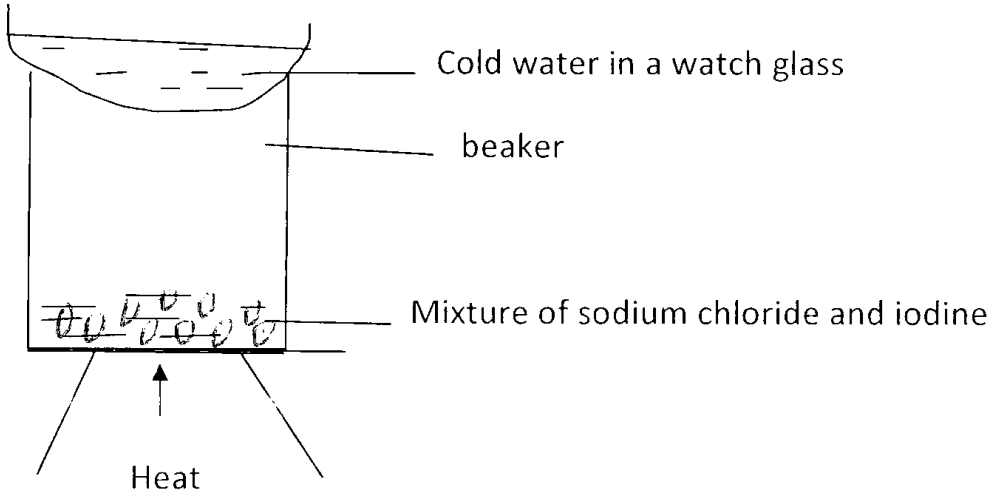
(c). give four differences between the flames (a) and (b) above. (4mks)

Flame (a)	Flame (b)

(d)(i). Give two reasons why flames (a) and (b) in 4(ii) above differ. (2mks)

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15. A form one student wanted to separate and obtain iodine and sodium chloride (common table salt) from a mixture of the two. He set the experiment set up shown below.



(a). the mixture was heated for some time and left to cool. On cooling, shiny black crystals and white crystals were observed on the surface of the watch glass and in the beaker respectively. Name:

I. Shiny black crystals

II. White crystals. (2mks)

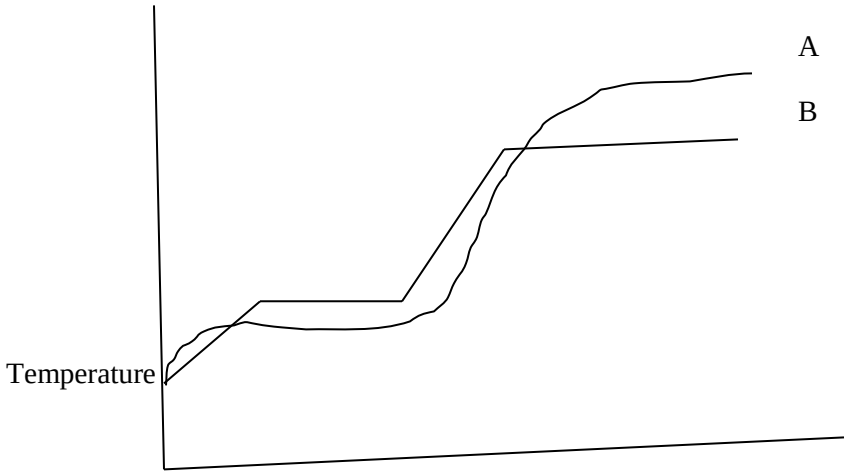
(b). What was the purpose of the cold water in the watch glass? (1mks)

(c). What property of iodine makes it be collected on the watch glass as shown? (1mk)

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(d). Explain why it is possible to separate a mixture of iodine and sodium chloride.(1mk)

16. The curves below represent the variation of temperature with time when pure and impure samples of a solid were heated separately.

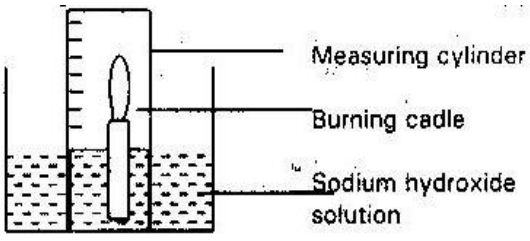


(a). Which curve represents the variation in temperature for pure solid? Explain. (2mks)

(b)State the effect of an impurity on the melting and boiling points of a pure substance.(2mks)

(c) Name two gases used with oxygen in welding. (2mks)

17. A candle was burnt using the apparatus shown below. The initial volume of measuring cylinder was $90cm^3$. The apparatus was allowed to cool and the volume of air in the measuring cylinder had dropped to $70cm^3$.



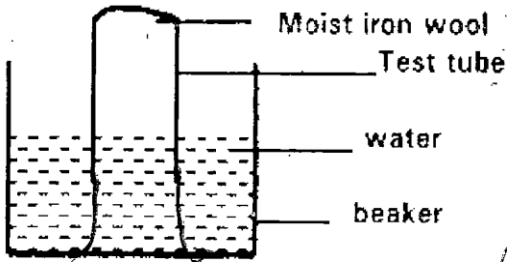
a) Why was the volume recorded when the air was cooled? (1mk)

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b) What was the purpose of sodium Hydroxide? (1mk)

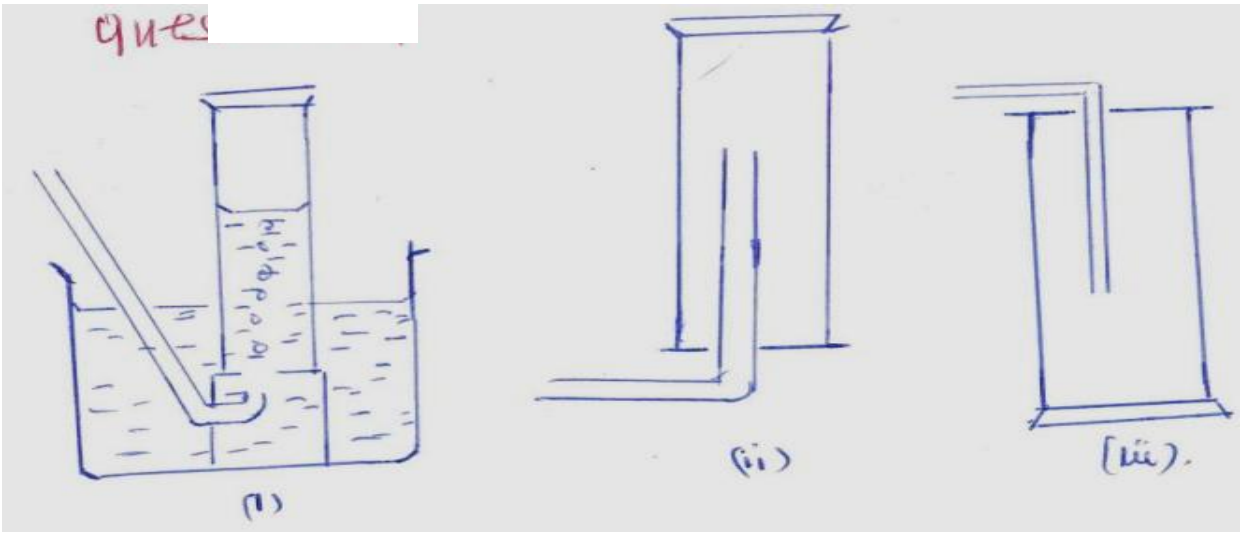
c) Use the results given to calculate the percentage of oxygen in air. (2mks)

18. The set up below was used to study some properties of air



State and explain two observation that would be made a t the end of the experiment. (3mks)

19. The diagram below represents three methods for collecting gases in the laboratory



a) Name the methods shown in the diagram (3mks)

b) State with reasons the most suitable methods for collecting each of the following gases.

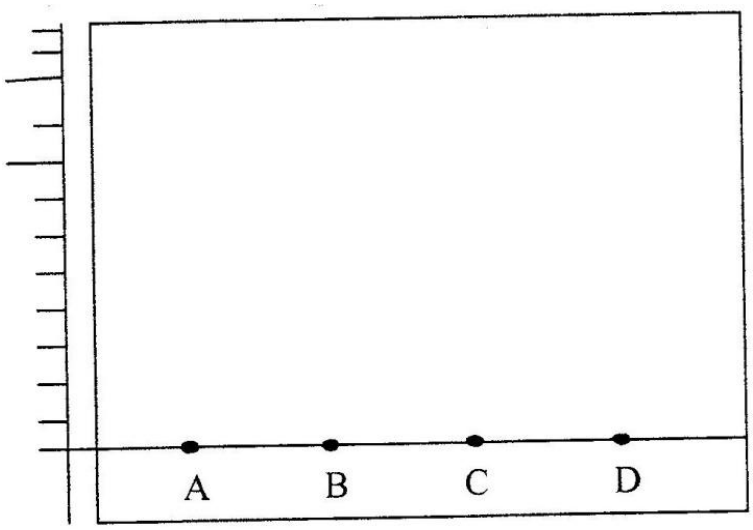
i) Oxygen (1mk)

ii) Hydrogen (1mk)

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iii) Carbon (IV) Oxide (1mk)

20 a) The diagram below shows spots of pure substance A,B, and C on a chromatography paper. Spot D is that of a mixture



After development, A, B and C were found to have moved 8cm, 3cm and 6 cm respectively.
D has separated into two spots which had moved 6cm and 8 cm

(i) On the diagram

I Label the baseline (origin) (1 mark)

II Show the positions of all the spots after development (3 marks)

(ii) Identify the substances present in the mixture D (2 marks)

(b) Describe how solid ammonium chloride can be separated from a solid mixture of ammonium chloride and anhydrous calcium chloride (2 marks)

(c) The table shows liquids that are miscible and those that are immiscible

Liquid	L_3	L_4
L_1	Miscible	Miscible
L_2	Miscible	Immiscible

Use the information given to answer the questions that follow

(i) Name the method that can be used to separate L1 and L3 from a mixture of two (1 mark)

(ii) Describe how a mixture of L_2 and L4 can be separated (2 marks)

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FORM 1

BIOLOGY

1. a) Name the branch of science that deals with the study of living things(1mk

   b) Name the branch of Biology that deals with the study of ;(2mks

   I. plants

   ii. Animals

2. State three differences between plants and animals (3mks

Plants	Animals

3. a) Distinguish between taxonomy and taxon (2mks

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b) Define the term species (2mks

c) State the seven classification units starting from the smallest unit (7mks

d) What is the name given to the system of assigning two scientific names to an organism?(1mk

e) A scientist discovered a new organism and decided to assign it a scientific name. What rules should be put in consideration while assigning the name?(4mks

4. Name five kingdoms used in classifying organisms and give an example in each (5mks

5. a) Give the functions of the following organelles(3mks

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i) Mitochondrion

ii) Ribosomes

iii) Vacuole

b) In an experiment to estimate the size of a cell a student determined the field of view to be 3mm. On observing onion epidermal cells, he counted 11 cells across the field of view. Determine the size of each cell. (3mks

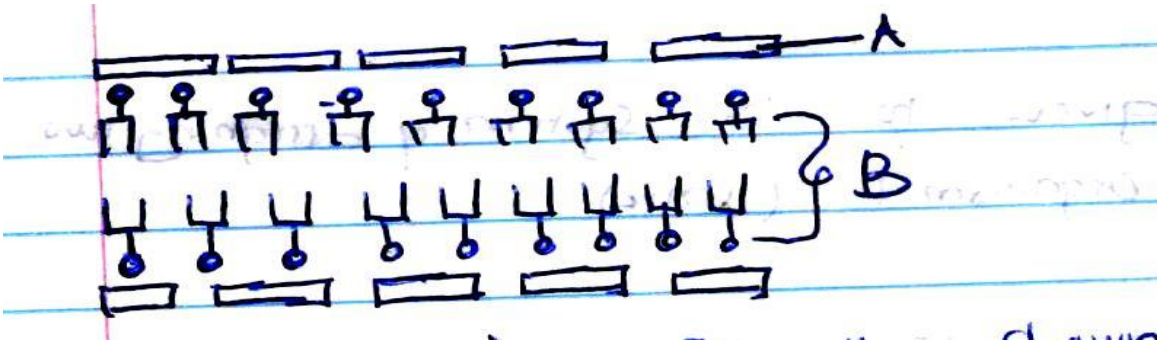
c) Explain the importance of the following procedures during preparation of the slides. (3mks)

i.Cuting thin sections

ii. Staining

iii. Placing section in water

6. The diagram below represents a cell organelle. Study it and answer the questions that follow



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a) Name the organelle shown above (1mk

b) State two functions of the organelle (2mks

c) Name the parts labeled (2mks

A

B

d) State two properties of the organelle you have named (2mks

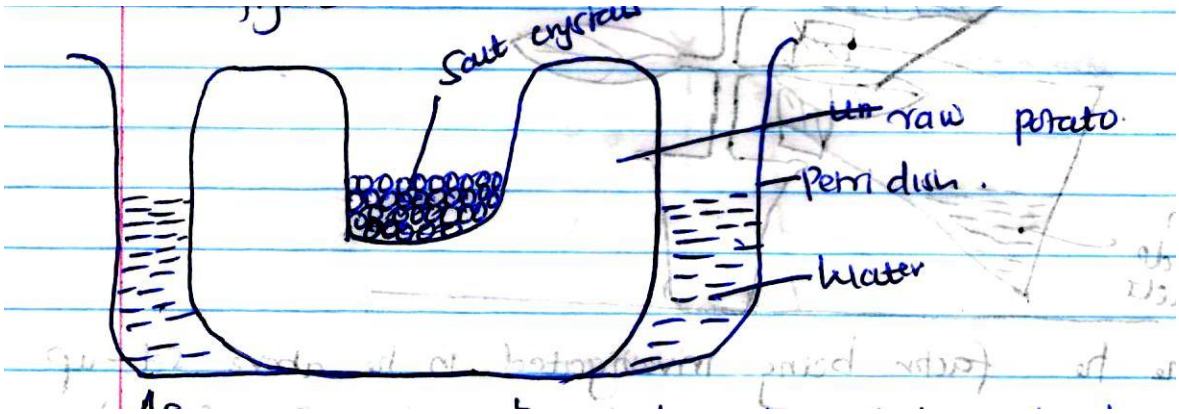
7. Explain the following terms (3mks

i) Diffusion

ii) Active transport

iii) Plasmolysis

8. A group of students set up an experiment to investigate a certain physiological process. The set up was as shown in the figure below



After sometimes the students observed that the level of the salt solution had risen

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a) Name the physiological process being investigated (1mk

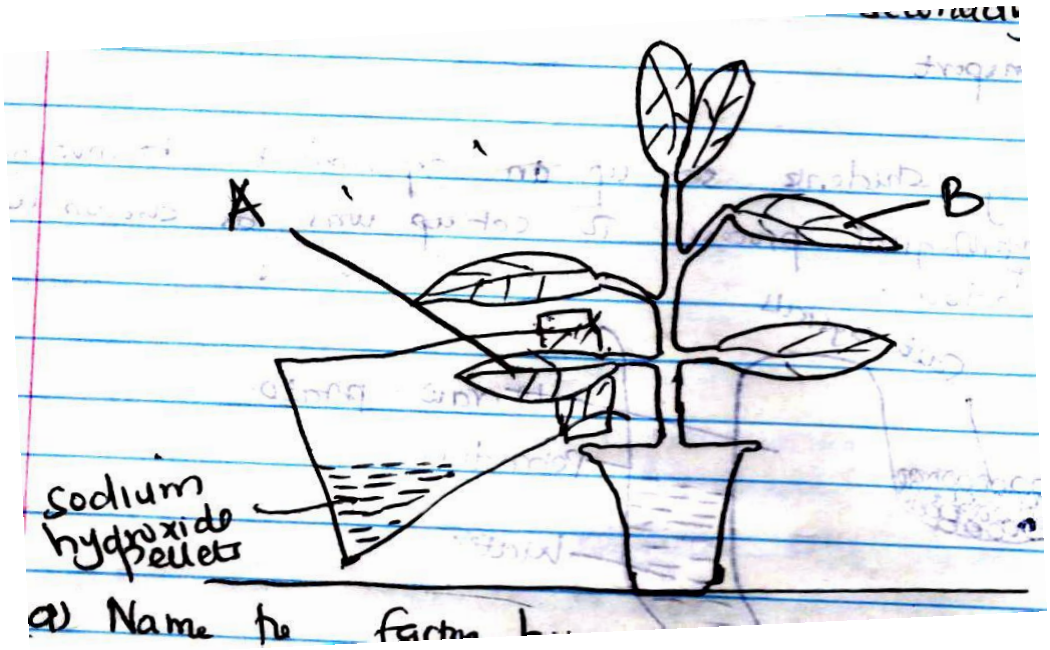
b) Account for the rise in the level of salt solution in the experiment (3mks

c) Suggest the results that the students would obtain if they repeated the experiment using a piece of boiled pawpaw (1mk

d) State the importances of the process named above in living organisms (3mks

9. Name two photosynthetic cells in plants (2 mks)

10. The diagram below represents an experiment set up by students of Kiboko Secondary School



a) Name the factor being investigated in the above set up (1mk

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b) Why is it necessary to first keep the set up in the dark for 48hrs? (1mk

c) What is the role of sodium hydroxide pellets in the experiment (1mk

d) When testing for starch in a leaf, explain the reasons for doing the following (3mks

i) Dipping the leaf in boiling water

ii) Boiling the leaf in methylated spirit

iii) Boiling methylated spirit indirectly in a water bath

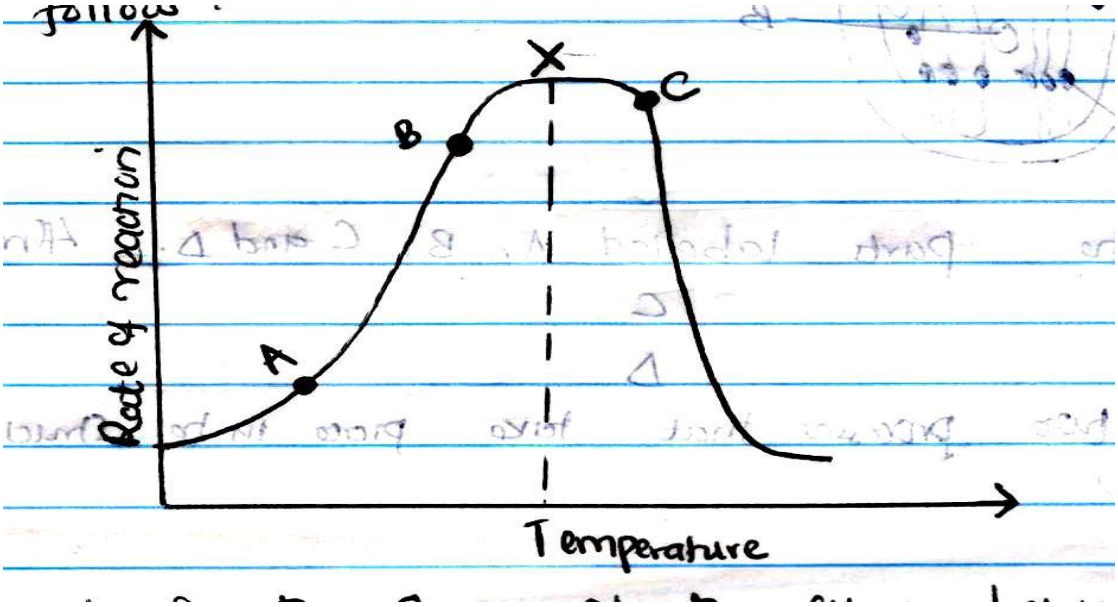
e) Name the reagent used to test for starch (1mk

f) State the expected results for leaves A and B after a starch test (2mks

g) Explain the results in (f) above (2mks

11. The graph below shows the effect of temperature on an enzyme catalysed reaction. Study it and answer the questions that follow

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a) Account for the shape of the curve between points A and B(3mks

b) What does the point marked x represent? (1mk

c) Explain the curve beyond point c (2mks

12. a) Name the elements present in carbohydrates(3mks

b) Name carbohydrates that is☹3mks

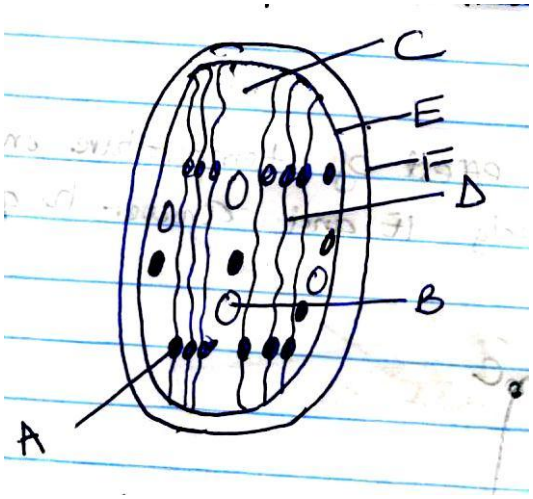
i. Abundant in mammalian blood

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ii. Stored in the liver

iii. Stored in seeds

13. The diagram below represents a chloroplast. Study it and answer the questions that follow



a) State the function of this organelle (1mk

b) Name the parts labeled A, and C. (2mks

A

C

c) List two processes that take place in the structure labeled A (2mks

d) Name the process that takes place in the structure labeled C (1mk

e) Name the chemical pigment found in the structure labeled A and state its function (2mks

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14. State three adaptations of a leaf to its photosynthetic functions (3mks

15. State five factors that affect the process of diffusion (5mks

16. a. State the functions of the following parts of a microscope: (3 mks)

i. Condenser

ii. Fine adjustment knob

iii. Objective lens

b. State two differences between a light and electron microscope. (2 mks)

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ENDTERM 3 ASSIGNMENT

FORM 1

AGRICULTURE

SECTION A. 30MKS

1. Define the term agriculture 1mks

2. Give four factors that make agriculture to be termed as an art 2mks

3. Differentiate between entomology and crop pathology as used in agriculture 1mk

4. Define the following terms as used in agriculture

(a) Floriculture 1mk

(b) Olericulture 1mk

(c) Pomology 1mk

5. Name three forms in which soil water exist in the soil. 3mks

6. Give the functions of the following farm tools and equipments.

(a)Dibber 1mk

(b)Garden trowel 1mk

(c) Strip cup 1mk

(d) Troca and canula 1mk

(e)Stock and die 1mk

Pipe cutter 1mk

7. Give any four importance of primary cultivation 4mks

8. Give a functional difference between a bolus gun and a drenching gun. 1mk

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9. State four factors to consider when making a choice of the type of irrigation to be used in the farm 2mks

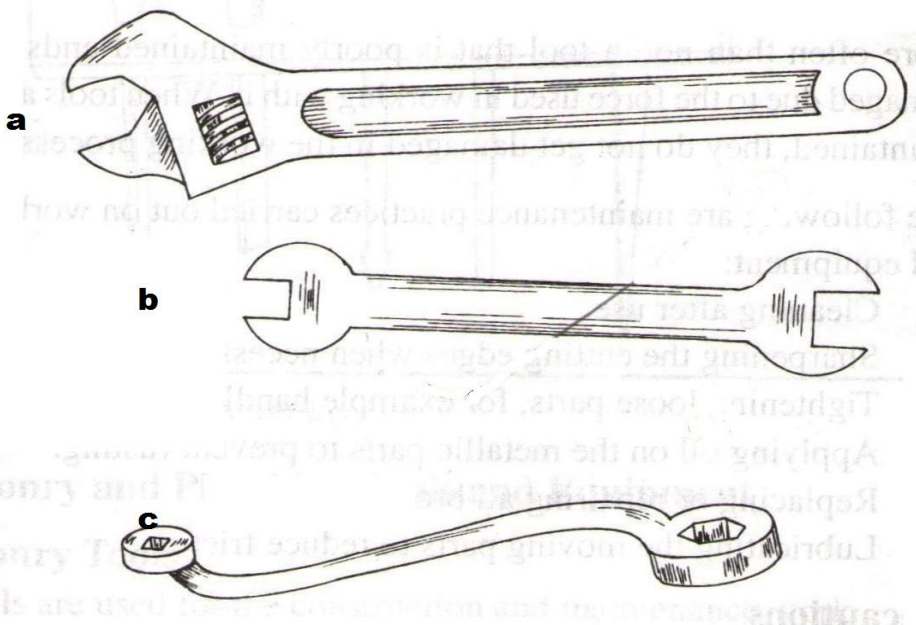
10. Outline any two effects of high temperature on crop production
2mks

11. Give any four factors influencing soil formation 2mks

12 .Give any three factors determining the depth of ploughing
3mks

SECTION B (30MKS)

13. Below are diagram of spanners. Use them to answer the question that follows

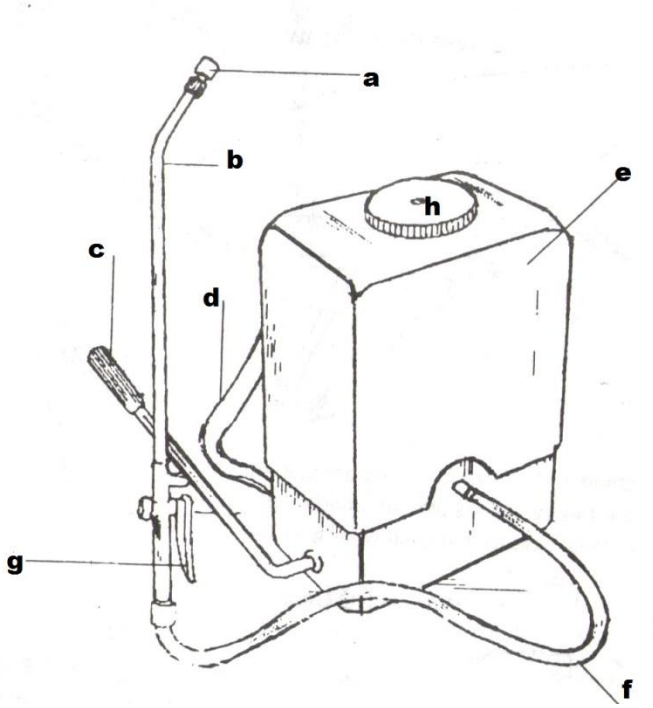


(a)Identify the type of spanner marked a-c. 3mks

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(b)Give one advantage of a spanner a over spanner b 1mk

14. Below is a diagram of a knapsack sprayer .Use it to answer the questions that follow.

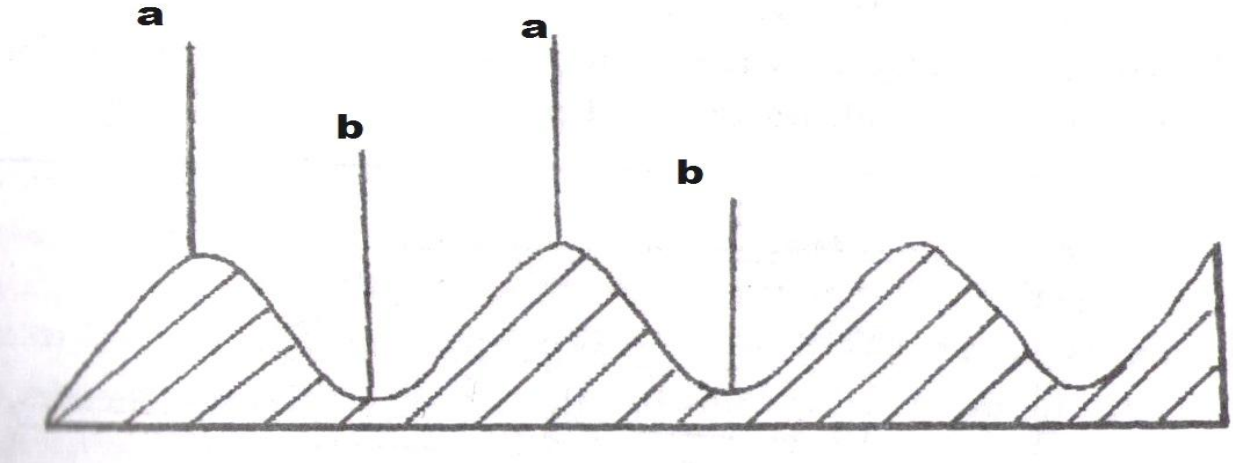


(a)Name the parts marked a-h 4mks

(b)Give any four maintenance practices of a knapsack sprayer 4mks

15. The structure drawn below is a tertiary operation done in land preparation .Use it to answer the questions that follows

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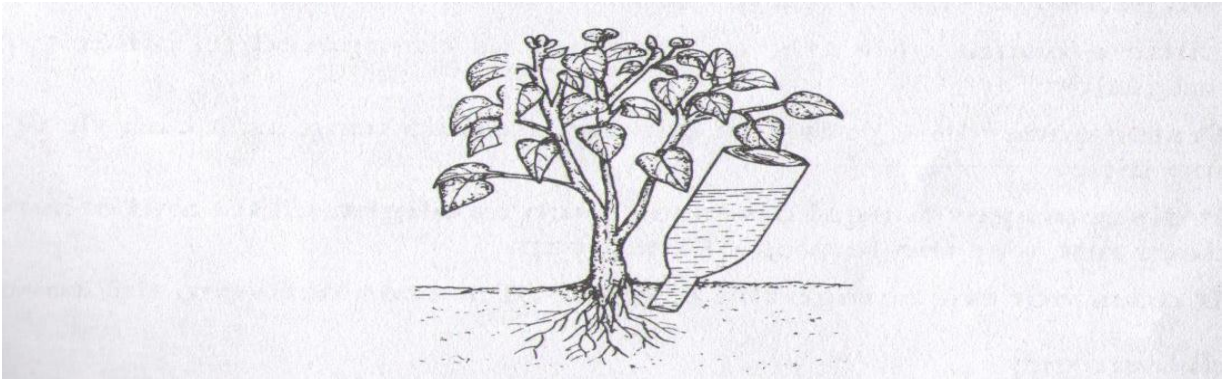


(a)Identify the parts marked a and b 2mks

(b)Give two advantages of using the above structures in growing of crops 2mks

16. State the six stages of water treatment process 6mks

17.(a). Identify the type of irrigation system drawn below1mk



(b)Give any five advantages of using the irrigation system drawn above 5mks

18. State two aspects of rainfall that a farmer may consider when deciding on what crop to grow in an area
2mks

SECTIO N C

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19. (a)State and explain any five importance of agriculture to our economy 10mks

(b)Outline five maintenance practices carried out on workshop tools and equipment 10mks

20. State any five types of soil structures.
5mks

(b) Outline five general uses of water in the farm.
(5x2=10mks)

(C)State five effects of high level of education and technology to agricultural production 5mks

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ENDTERM 3 ASSIGNMENT

FORM 1

BUSINESS STUDIES

1. Define the following terms
    a. Distribution (1 Mks)
    b. Commerce: (1 Mks)
    c. Entrepreneurship: (1 Mks)
    d. Production: (1 Mks)
2. List four importance's of business studies in the society (5 Mks)
3. From the statements below indicate the type of utility provided by the activities (4 Mks)

Activity	Utility
Converting sugarcane into packed sugar	
Keeping of Maize flour in a shop until the customers come to buy it	
Buying of trousers and blouse in readiness for August holidays	
Transporting Soda from the manufacturing plant to Kerugoya distributors	

4. Outline five internal business environments that affect business (5 Mks)
5. From the following sentences, indicate the type of business activities (4 Mks)

Activity	Name
Activity involved getting goods from their natural setting	
Buying and selling of goods and services with a view of getting profit	
Building of structures (bridges etc)	
Smelting iron ore to make iron	

6. List five characteristics of labour as a factor of production (5 Mks)
7. Indicate with a tick(✓) whether the resources listed below as either renewable or non-renewable (5 Mks).

Type of resource	renewable	non-renewable
Leather		
Soda Ash		
Natural gas		
Diatomite		
Solar Energy		

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8. Outline five benefits that a business would get by using modern technology in its operations (4` Mks)
9. Highlight five characteristics of human wants (5 Mks)
10. Outline five differences between goods and services (5 Mks)

Goods	Services

11. Classify the following items into either basic wants or secondary wants (4Mks)

    (a) Furniture : _____

    (b) Medical care: _____

    (c) Milk _____

    d) shelter: _____

12. Name the office equipment's that function the following uses (5 Mks)

    a. To make holes in papers for filing:_____

    b. Folding documents, place them in envelopes: _____

    c. To make copies of documents: _____

    d. Adding and subtracting figures: _____

    e. Cutting unwanted documents into tiny pieces for disposal:

    _____

13. Outline five importances of entrepreneurship in Kenya (5Mks)
14. List five characteristics of direct production (5 Mks)

15. List the rewards for the following factors of production (4 Mks)

a. Land ……..

b. Labour: …….

c. Capital: ……

d. Entrepreneurship: …….

16. Outline five disadvantages of using a photocopier in an office (5 Mks)
17. Highlight five advantages of division of labour and specialization (5Mks)

18. List fiver factors to consider when selecting office equipment's (5 Mks)

19. List five emerging trends in office management and practice (5 Mks)

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20. Outline four reasons why business people must prepare a business plan (4 Mks)
21. Outline four characteristics of economic resources. (4 Mks)
22. List four causes of business failure (4 Mks)

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FORM 1

CRE

1.(a) Explain the benefits of learning Christian Religious Education in secondary schools in Kenya. (7mks)

(b) State the versions of the Bible used by the churches in Kenya today. (5mks)

(c) From the Genesis stories of the fall of human beings, explain the results of sin. (8mks)

2(a) State the promises that God made to Abraham. (6mks)

(b) Give reasons why circumcision was important to the Jews. (6mks)

(c) Explain four characteristics of a covenant demonstrated in the covenant between God and Abraham. (8mks)

3(a) Describe the call of Moses (Exodus 3: 1 – 22) (8mks)

(b) Outline seven plagues that God used to demonstrate His power in Egypt. (7mks)

(c) What did the Israelites learn about God's nature during exodus? (5mks)

4(a) Give reasons why the Israelites demanded for a king. (7mks)

(b) State the achievements of Solomon as King of Israel. (7mks)

(c) State the functions of the Temple in the Jewish community. (6mks)

5(a) Describe the nature of the canaanite religion. (7mks)

(b) Identify ways in which King Jeroboam contributed to the spread of idolatry in Israel. (8mks)

(c) Mention five canaanite gods. (5mks)

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ENDTERM 3 ASSIGNMENT

FORM 1

ENGLISH

SECTION A: WRITING (20MKS)

1. Your cousin Joseph who studies at Maranda Secondary School, of P.O Box 76, Uyoma, has written you a letter. He wants to know when you will be closing school for the August Holidays. He also wants to know which primary school your younger sister is in. Joseph asks you to mention an activity that you plan to do during the August holidays. Write a reply to his letter.

SECTION B: COMPREHENSION (20MKS)

Read the passage below and answer the questions that follow

Ever wondered what the difference between abortion and murder is? Or should we ask what the two have in common? Both involve cutting life short. In the case of abortion, it happens to be the equally precious life of unborn baby that is ended.

In Kenya, abortion is illegal except when the life of the pregnant woman is in danger. Violating this carries the severe penalty of between 14 years and life imprisonment. The truth of the matter, though, is that many illegal abortions are still taking place. How else can we explain the presence of the foetuses in polythene papers dumped in city streets?

\

Many such abortions are unsafe. They are done using all manner of gruesome paraphernalia: wires, knitting needles, sticks, herbs, chemicals, detergents and drugs. Many people performing them lack the necessary skills and training. The environment in which they are done are usually unsafe and do not meet minimum hygienic or health standards.

This sorry situation has led some to clamour for the legalization of abortion. They argue that as things stand, it is adolescents and poor women who are forced to seek the services of the quacks. The financially - endowed counterparts visit private clinics of qualified doctors for the same services. They therefore do not suffer the consequences of a botched abortion; infertility,

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excessive bleeding, perforated internal organs such as the bladder and intestines and, worst of all, death. The feeling is that legalization of abortion would make it safe for all women.

But what reason, other than the legal one, would make a woman want to terminate a throbbing life within her? Interruption of career and education, being too young to bring up a baby or being abandoned by the father of the baby are often cited. Another reason is that the pregnancy is as a result of rape or incest. Whatever the reason, the negative consequences of illegal abortion, sage or otherwise, far outweigh any benefits it is purported to have.
Apart from the physical effects of unsafe abortion already mentioned, there are physiological ones. They include headache, accelerated heart beat, dizziness, stomach upsets and disturbed sleep and concentration. Eating disorders resulting in excessive weight gain or loss sometimes occur.

At the psychological level, a woman who has carried out an abortion usually suffers from debilitating guilt.
She feels that she has gone against a mother's natural tendancy. As a result of low-esteem, she feels worthless and undeserving of even getting another baby.

Depression may also set in, the victim may feel very sad and cry for a long spell. She may lose interest in life and want to commit suicide.

A mental illness called phychosis cannot also be ruled out. The sufferer exhibits very uncharacteristic behaviour and is not able to distinguish reality from fantasy.

There is also stigma at the social level. Not many people would proudly want to associate with one who has induced illegal abortion. A man seeking a marriage partner is likely to give such a woman a wide berth.

In sum, though illegal abortion may appear to solve the immediate problem of the one seeking it, it creates life-long complications.

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i. Provide an appropriate title for the passage

(1mk)

……

……

……

……

……..

ii. Under what circumstances can abortion be legalized?

(2mks)

……

……

……

……

……

……

……..

iii. According to the passage, how can we tell that illegal abortions are still taking place

(2mks)

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……

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……..

iv. According to the first paragraph, is there a difference between murder and abortion? Support your answer

(2mks)

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v. Make notes on the reasons that make people procure abortion

(5mks)

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vi. Why is the public fighting to legalize abortion?

(2mks)

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vii. What is the psychological effect of abortion?

(2mks)

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……

viii. Explain the meaning of the following words as used in the passage

(4mks)

a) Tendancy

……

……

b) Exhibits

……

……

c) Fantasy

……

……

d) Incest

……

……

SECTION C: CLOZE TEST (10MKS)

I.Fill in the blank spaces with the most appropriate word.

In many African stories, animals are (1)…….main characters. The most common characters in folktales (2)……..…..the lion, the hyena, the hare and the tortoise. Yesterday, I read a story (3)…….by a Tanzanian teacher. (4)…….. was so interesting (5)……I decided I will retell it to the rest of my class (6)…….. the story telling session next Saturday. I'm looking forward (7)……..visiting my grandparents (8)……like in Nakuru

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during the August holiday (9)…… more animal (10)…….

SECTION D: ORAL SKILLS (10MKS)

1. For each of the following words, write a word pronounced in the same way (5mks)

   a) Sale

   ……

   b) Berry

   ……

   c) Flour

   ……

   d) See

   ……

   e) Ewe

   ……

2. identify the silent letter in each of the following words.(5mrks)

   a) Knot

   ……

   b) Hymn

   ……

   c) Receipt

   ……

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d) Bomb

……

……

e) Wednesday

……

……

SECTION E: GRAMMAR (20MKS)

I. Fill in the blank spaces with the most appropriate article.(5mrks)

Reuben Kigame is one of (1)……...most talented musicians known in Kenya. He has proved that disability is not inability, since he can play (2)…….. piano, yet he is blind. He says that when he was young, he would practice playing it (3)……... hour a day, with (4)…….. help of his pastor. (5)…….. visitor in his church wouldn't believe this story.

II. Fill in the blank spaces using the plural forms of the nouns in brackets.(5mrk)

i. The ……of Mitondo and Maranga areas will be meeting in the afternoon (chief)

ii. Who were the …….. of the Miss Tourism competition that took place last month in Vihiga County? (runner-up)

iii. Cut the oranges into …….(half)

iv. The old man's feet were full of ……..(louse)

v. Whose …… are these on the table? (radio)

III. Use the correct form of the word in brackets to fill in the blank spaces.(5mrks)

i. I bought this shirt last year. It …… me five hundred shillings. (cost)

ii. Who has been …….. through my files? (go)

iii. Moses and Brian …….the class yesterday. (sweep)

iv. My son …….to school everyday and he says he enjoys it. (walk)

v. Last night, the farmer……..the nappier grass into bundles ready for selling (bind)

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IV. Join the pairs of sentences using an appropriate conjunction.Avoid any unnecessary repetition(5mrk)

i. I enjoy reading novels. My deskmate does not enjoy reading novels

……

……

……..

ii. The next rally may be held in Kerugoya

The next rally may be held in Kagio

……

……

……..

iii. These men are hardworking

These women are hardworking

……

……

……..

iv. The car was serviced

The car broke down

……

……

……..

v. You can travel to Mombasa by air

You can travel to Mombasa by road

……

……

……..

SECTION F: LITERATURE (20MKS)

Reading the following narrative and answer the questions that follow

HARE AND THE HYE NA

One day, a long time ago when there was a famine in a certain part of Africa, Hare met Hyena. "How thin you are looking." said Hare.

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“You look as though you would not say ‘No’ to a good meat either”, replied Hyena.

The two animals continued on the road together until they came to a farmer, who was grumbling because all his servants had left him.

“We’ll work for you if you feed us,” suggested Hare. The farmer willingly agreed, and giving the two animals a pot of beans to cook showed them the part of his farm where to weed.

First of all they made a fire and fetching three large stones, they rested the pot on them to cook their meal while they set to work. When the sun was high in the sky and it was time for the mid-day rest, Hyena told Hare to keep an eye on the cooking pot while he himself went down to the river to wash.

Hare sat by the pot, stirring it with a stick and longing to begin his meal, while Hyena as soon as he was out of Hare’s sight, stripped off his skin. He looked the most horrible spectacle and ran back to Hare uttering strange cries. Poor Hare was terrified.

“Help! Help!" Hare squealed, as he ran for his life. “Never have I seen such a terrible creature! It must be a very bad juju.”

Hyena quickly sat down and ate all the food, which was scarcely enough for one in any case, and then he went back to the river, found his skin and put it on again. He strolled slowly up the bank to the place where the cooking pot stood and found Hare returning cautiously.

“O Hyena", gasped Hare. “Did you see it too?”
“See what?” asked the deceitful animal.
“That terrible demon!." explained Hare
“I saw nothing, but come, let us now eat,” Said hyena calmly, as he walked towards the cooking pot and looked inside it.
“Where is it? Where is my food? What happened to it? Cried hyena, pretending to be in a fine rage. Hare looked at the empty pot.
“It was that terrible demon," he explained. "It frightened me away so that it could eat our food”,

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“Rubbish! You ate it yourself while I was washing at the river!” shouted hyena, and no amount of protestations by poor Hare had any effect.

“Well,” said Hare. I know what I shall do. I shall make a fine bow and arrow and if the creature comes again I shall shoot it.”

The next day the fanner again gave them a pot of beans, but instead of working while it cooked. Hare took supple branch and began to make himself a bow.

The cunning Hyena watched him as he shaped the wood with his knife, and when it was almost finished, he said, “Give me your bow, Hare. My father taught me a special way of cutting bows to make them better than any other. I’ll finish that for you.”

The unsuspecting Hare gave up his bow and knife and hyena began cutting it in a special way, making it so weak in one place that it was bound to break as soon as it was used.

“There you are! Keep this beside you while I go and wash, in case that creature comes again," said Hyena, as he bounded off to the river, to remove his skin once more.

Hare, waiting beside the pot of food was just considering whether he could take a mouthful. So great was his hunger. Once again the most repulsive looking animal he had ever seen bounded towards him. Seizing his bow, he put an arrow in it and pulled. *“Snap”* it broke in his hands, and as the horrible creature came closer and closer, Hare fled.

So, of course, Hyena ate all the food once more, and then went back to the river and put on his skin. He returned to accuse Hare of stealing the beans. Hare denied having even had a taste of food, but looking at Hyena he thought he saw a little piece of bean stuck in his teeth as he spoke.

“What!” said Hare to himself. “If that’s the way it is, I shall be ready for you tomorrow my friend.”

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That night when hyena was sleeping, Hare made another bow. It was a good strong bow with no weak spots at all and three sharp arrows to go with it. The Hare, feeling ravenous by now, crept to the place where they cooked their food, hid the bow and arrows in some nearby long grass and returning to find hyena still asleep, he lay down close.

The next day, everything happened as Hare expected. The two animals worked hard all the morning while the cooking pot boiled nearby, and at mid-day Hyena went to the river to wash.

Hare waited his new bow in his hand. Presently, the loathsome looking creature came towards him. Hare raised his bow and shot. Straight into the creature's heart went the arrow and Hyena fell dead on the ground. Hare bent over the body and was not surprised when he saw it really was hyena.

“Well”, he remarked, as he ate the first good meal he had had for days. "My mother always told me that greed did not pay, and now I know she was right” That is the end of the story.

1. Classify the narrative above
   (2mks)

   ……

   ……

   ……..

2. Identify and illustrate three features of oral narratives used in the narrative above
   (6mks)

   ……

   ……

   ……..

   ……

   ……

   ……

   ……

   ……..

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3. Identify and illustrate one character trait for each of the following (4mks)

   a) The hare

   ……

   ……

   ……

   b) The hyena

   ……

   ……

   ……..

4. State three functions of the phrase *One day, a long time ago*…… (3mks)

   ……

   ……

   ……..

   ……

   ……

   ……..

5. Identify one economic activity practised by the people in this community (2mks)
6. A narrative like the one above is classified as a genre of oral literature. Apart from narratives state three other genres of oral literature (3mks)

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ENDTERM 3 ASSIGNMENT

FORM 1

GEOGRAPHY

1a) Define the term Geography. (1mk)

b) State any four reasons why we study Geography. (4mks)

i)

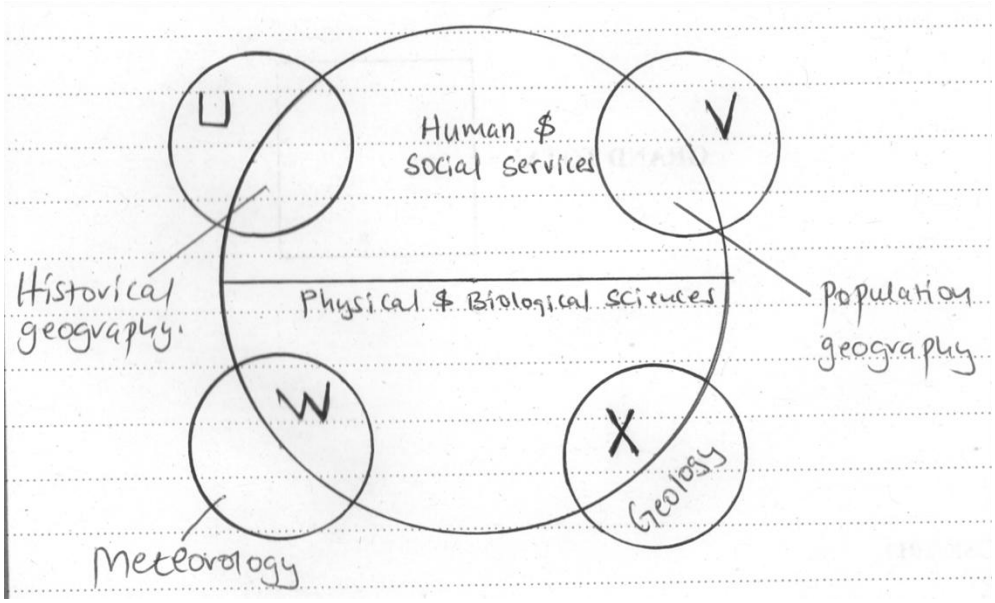
ii)

iii)

iv)

c) Geography as a subject relates widely with other subjects. Explain how Geography relates with mathematics. (2mks)

d) The diagram below shows the relationship between geography and other disciplines.



Name the disciplines marked U,V,W and X. (4mks)

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U
V
W
X

2a) What is the solar system? (1mk)

b) Name two planets without natural satellites in the solar system. (2mks)

c) Give three forces that are responsible for the spherical shape of the earth. (3mks)

i)

ii)

ii)

d) Highlight three proofs that the earth is spherical. (3mks)

i)

ii)

iii)

ei) What is a solstice? (1mk)

ii) State three effects of the revolution of the earth. (3mks)

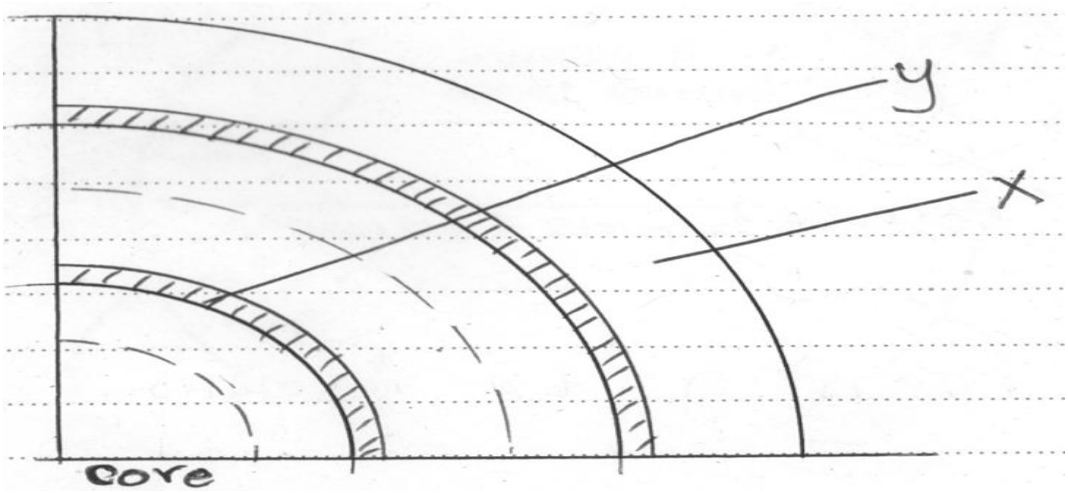
fi) State the effect of crossing the international dateline from West to East. (1mk)

ii) If the local time in town A at longitude 20^0E is 10am, What will be the time at town B at longtidue 10^0W?
(3mks)

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g i) Give three reasons why the interior of th earth is very hot. (3mks)

ii) The diagram below shows the internal structure of the earth. Use it to answer the question below.



Name the parts marked X and Y. (2mks)

X

Y

3a) Define the term weather. (1mk)

b) Name two forms of precipitation. (2mks)

i)

ii)

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iii)

c) The amount of solar radiation which reaches the earths surface depends on a number of factors. Name three factors.
(3mks)

i)

ii)

iii)

d) What is a weather station? (1mk)

e) Outline three factors to consider when siting a weather station. (3mks)

i)

ii)

iii)

f i) What is weather forecasting. (1mk)

ii) Give three reasons why recording of data at a school weather station may be inaccurate. (3mks)

g) The following table shows rainfall and temperature of town X.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp(^{0}C)	23	24	26	28	29	28	26	26	26	30	28	25
Rainfall (mm)	3	0	3	1	18	500	720	408	300	70	15	0

Using the figures given find;
i) The total annual rainfall (2mks)

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ii) The wettest month. (1mk)

iii) The mean monthly rainfall. (2mks)

iv) The annual range of temperature. (1mk)

v) The hottest month. (1mk)

4a) What is a map? (1mk)

b) State three types of maps. (3mks)
i)
ii)
iii)

c) Give four uses of maps. (4mks)
i)
ii)
iii)
iv)

d) Name three types of marginal information you would find on a map sheet. (3mks)
i)
ii)
iii)

e) State two types of scales used in a map (2mks)
i)
ii)

5a) Define the term statistics. (1mk)

b) Differentiate between primary data and secondary data. (2mks)

c) Highlight three disadvantages of observation as a method of collecting data. (3mks)

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d) The table below shows the amount of rainfall of station A. Use a bar graph to represent the data(5mks)

Months	J	F	M	A	M	J	J	A	S	O	N	D
Rainfall (mm)	260	200	300	450	500	180	200	200	350	400	150	100

e) State one advantage of using a bar graph. (1mk)

6. Form one students from a certain school planned to visit a weather station for field study.

a) State four objectives for their study. (4mks)

i)

ii)

iii)

iv)

b) Name the various data to be collected. (4mks)

i)

ii)

iii)

iv

c) State the methods they would use to collect data. (5mks)

d) What are the likely problems they are likely to encounter during the field study. (4mks)

e) Suggest the possible solutions to be the problems highlighted in (d) above) (4mks

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ENDTERM 3 ASSIGNMENT

FORM 1

HISTORY

SECTIION A (25MKS)

1. Identify two periods in the history of humankind (2mks

2. Define the term government (2mks

3. Identify the form of government exercised in Kenya (1mk

4. Give any two importances of studying government (2mks

5. Identify two electronic source of information about history and government (2mks)

6. Give three methods of archeologists to locate historical sites (3mks)

7. Name one source of information on the creation theory of man (1mk

8. Give one reason why Homo habilis was referred to as man with ability (1mk)

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9. Identify the types of tools that were made by man during
a) Old stone age –(1mk
b) Middle stone age – (1mk
c) New stone Age – (1mk

10. Identify one area in Africa where agriculture began (1mk

11. Which was the earliest animal to be domesticated by man? (1mk

12. Identify the major invention in irrigation during the development of agriculture in Egypt (1mk

13. State two theories explaining the origin of agriculture (2mks

14. Name any two communities that are believed to be the earliest inhabitants of Kenya (2mks

15. Which was the main reason for the migration and settlement of Bantus (1 mk

16. Name the administrative council among the Ameru community (1mk

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SECTION B

17. a) State three characteristics of microlithic tools used by man during the late stone-Age period(3mks

b) Give six challenges faced by man in hunting and gathering activities (6mks)

18. a) State five reasons which influenced the migration of the plain Nilotes to Kenya during the pre-colonial period(5mks

b. State five results of the migration and settlement of the Masaai in Kenya during the pre-colonial period (5mk)

19. a) State five reasons for the domestication of plants and animals by the early man(5mrks)

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b) State five the effects of agrarian revolution in the U.S.A (5mks)

.

20.a)Identify any five importances of studying history (5mrks)

b) Identity five disadvantages of using oral traditions as a source of information on history and government (5mrks)

21. a) State five roles of the council of elders among the Mijikenda in the 19th Century (5mrks)

b) Give five economic activities of the Agikuyu community in the 19th century (5mks)

22. a) Identify the first five stages of man's evolution. (5mks)

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b) What were the advantages of fire to the middle stone age man. (5mks)

23a) State five factors that facilitated the development of early agriculture in Mesopotamia. (5mks)

b) State five causes of food shortages in third world countries. (5mks)

c) Identify five steps Kenya is taking to solve food shortages. (5mks)

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ENDTERM 3 ASSIGNMENT

FORM 1

KISWAHILI

SEHEMU I - INSHA **Alama 20**

Andika kisa kitakachoanza kwa maneno yafuatayo: kelele zilitanda usiku katika kijiji kizima …… Endeleza.

SEHEMU II UFAHAMU **(Alama 15)**

Soma kifungu kifuatacho kisha ujibu maswali uliyoulizwa.

Ni dhahiri kwamba uharamia umechipuka kama desturi na mfumo wa maisha katika siku za hivi karibuni. Janga hili limeshamiri hususan pembeni mwa bara la Afrika Mashariki. Taarifa za uharamia zimetawala vyombo vya habari, kiasi cha kwamba haipiti siku bila kuripotiwa visa vipya vya matendo haya mabovu ambayo yanaweza tu kumithilishwa na uhayawani. Matukio haya yamewalimbikizia maharamia na nchi husika, simanzi na masaibu yasiyoweza kutiwa kwenye mizani.

Yumkini tatizo hilo halitokei pasi na kumotishwa na kitita kikubwa cha fidia kinachodaiwa na maharamia hawa. Aghalabu, suala hili lahusishwa pakubwa na azma na ari ya kuendeleza ujambazi wa kimataifa sawia na ulipuaji wa bomu mijini Nairobi na Dareslaam mnamo Agosti 7, 1998, na tukio la Septemba 11, mwaka wa 2001 kule Marekani. Maafa na uharibifu wa mali si hoja, la mno kwa maharamia ni kutosheleza matakwa yao. Kwa upande mwingine, ukosefu wa tawala- wajibika katika maeneno kunakotokea unyama huu ni thibitisho tosha la mazingira yanayowezesha na kuruhusu kuchipuka kwa janga hili.

Mchipuko wa baa la uharamia umelengwa jamii ya kimataifa ambayo ni mhudumu mkuu wa harakati kusitisha majanga makubwa kama vile njaa, umaskini na magonjwa yaliyosheheni pakubwa barani. Bila shaka, hili ni suala linaloshawishishwa na 'kinyume mbele.' Maharamia wanatishia utangamano wa kimataifa wanapotibua usafiri wa abiria na shehena zinazoelekezwa sehemu tofauti ulimwenguni.

Matumizi ya kidiplomasia na mashauriano hayaelekei kuzalisha matunda katika juhudi za kudhibiti uharamia. Zaidi ya hayo, matumizi ya nguvu yahusishayo mashambulizi pamoja na maharamia kufunguliwa mashtaka nchini Kenya na Ufaransa kunaelekea kupiga jeki juhudi za kukomesha uharamia ulimwenguni. Aidha, utawala wa nchi kunakochipuka uharamia haujajizatiti kuharamisha doa hili linalotisha ustawi wa kimataifa.

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Mathalan, ni jambo lisilopingika inapobainika kuwa uharamia umedumaza biashara ya kimataifa hali inayochangia upungufu na ucheleweshaji wa bidha muhimu zinazoendeleza ustawi wa uchumi. Dosari hii inaelekea kukwamiza majowapo ya maendeleo ya milenia yanasisitiza uimarishaji na ushirikiano wa maendeleo ya upanuzi wa masoko ulimwenguni. Harakati za kitalii katika kanda ya Mashariki ya bara la Afrika zimehujumiwa. Na itakumbukwa bayana watalii hawasafiri tu kwa ndege bali hata kwa meli.

Jitihada za kuweka laini za mawasiliano chini ya bahari ili kurahisisha na kupunguza gharama za mtandao ulimwenguni ni ndoto ambayo haijatimia hadi hivi sasa, kufuatia juhudi za maharamia katika bahari ya Hindi. Kwa mujibu wa hali hii, mawasiliano mepesi na nafuu yasitarajiwe hivi karibuni. Licha ya hayo, shughuli za uvuvi na biashara nyinginezo kwenye kanda ya mwambao zimetiliwa shaka si haba. Itabidi mikakati na suluhisho la kudumu liweze kupatikana ili vitendo vya uharamia viweze kusitishwa.

a) Kwa nini uharamia umetamalaki ulimwenguni? (alama. 3)

b) Eleza madhara ya uharamia kwa jamii ya kimataifa. (Alama 2)

c) Uharamia unaelekea kumtia hofu mwandishi. Fafanua. (Alama. 3)

d) Fafanua juhudi zozote mbili zinazofanywa na nchi za kimataifa kukomesha uharamia.
(Alama 4.)

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e) Eleza maana yafuatayo kwa mujibu wa kifungu.

a) Umechipuka

b) Dosari

c) Harakati

III SARUFI NA MATUMIZI YA LUGHA

a) Taja irabu ya kati. (Alama.1)

b) Toa mifano miwili miwili konsontanti zifuatazo: (Alama 4)

i) Vikwamizo

ii) Nazali

C) Kiimbo nini? (Alama 1)

d) Weka shadda panapofaa. (Alama.2)

i) Mkuu

ii) Kupatana

e) Taja vipashio vitatu vya lugha. (Alama 3)

f) Tambulisha aina mbalimbali za maneno katika sentensi ifuatayo. (Alama 5)
Mtoto Yule ameingia ndani ya shimo.

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e) Badilisha sentensi zifuatazo ziwe katika hali ya wingi. (Alama 4)

i) Paipai hili lilinululiwa jana.

ii) Unyasi mrefu utakatwa kwa upanga.

f) Silabi ni nini? (Alama 2)

g) Andika neno lenye muundo wa : (Alama 2)

i) I + I

ii) K+ I+K+K+I

h) Onyesha viwakilishi (w) katika sentensi ifuatayo. (Alama 2)

Wote wawili walimwona huyo.

i) Kanusha sentensi zifuatazo. (Alama 4)

a) Yeye anaimba vizuri.

b) Nyumba kubwa itajengwa

j) Tunga sentensi moja moja kutofautisha maneno yafuatayo. (Alama 2)

a) Vua

b) Fua

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k) Eleza maana ya semi zifuatazo: (Alama 2)

i) Enda mrama

ii) Pata afueni

l) Onyesha kielezi (E) katika sentensi ifuatayo: (Alama 1)

Nyanya alitembea polepole.

m) Tunga sentensi moja kuonyesha matumizi ya alama ya nukta pacha.

n) Yakinisha sentensi ifuatayo. (Alama 2)

Maandishi yake hayaja pendeza mwalimu

o) Nyambua vitenzi vifuatavyo katika kauli uliyopewa mambanoni (1)

i) Futa(tendeka) ½

ii) Chagua (tendea) ½

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SEHEMU YA IV: FASIHI SIMULIZI

a) Eleza majukumu matatu ya fasihi simulizi. (Alama 3)

b) Taja vipera vinne vya fasihi simulizi. (Alama 4)

c)i) Hekaya ni nini? (Alama 1)

ii) Eleza umuhimu wa hekaya. (Alama 3)

d) a) Hurafa ni nini? (Alama 1)

b) Eleza sifa tatu za hurufa. (Alama 3)

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V) ISIMU - JAMII

a) Ni nini maana ya Isimu jamii? (alama 2)

b) Taja kaida nne za lugha (alama 4)

c) Eleza sifa nne za sajili ya hospitalini. (alama 4)

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ENDTERM 3 ASSIGNMENT

FORM 1

MATHEMATICS

SECTION I

1. Without using a calculator evaluate $\frac{2\frac{1}{2}+\frac{1}{5}\div\frac{5}{6}of\,2\frac{2}{5}}{1\frac{7}{10}}$ leaving the answer as a fraction in its simplest form (3 marks)

2. A farmer distributed his bags of cabbages as follows:
A certain hospital received a quarter of the total number of bags. A nearby school received half of the remainder. A green grocer received a third of what the school received. What remained was six more than what the green grocer received. How many bags of cabbages did the farmer have? (3mks)

3. Simplify the expression

   5a – 4b – 2 [a- (2b + c)] (2 marks)

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4. Evaluate: $\frac{-12\div(-3)\times4-(-20)}{-6\times6\div3+(-6)}$ (3 marks)

5. All prime numbers less than ten are arranged in descending order to form a number.
(a) Write down the number formed (1 mark)

(b) State the total value of the second digit in the number formed in (a) above (2 mks)

6. A fruit vendor bought 1948 oranges on a Thursday and sold 750 of them on the same day. On Friday, he sold 240 more oranges than on Thursday. On Saturday he bought 560 more oranges. Later that day, he sold all the oranges he had at a price of Ksh 8 each.
Calculate the amount of money the vendor obtained from the sales of Saturday. (4 marks)

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7. A rectangle of side 48cm by 60cm is divided into squares of side X cm. Find the greatest value of X and find the area of the square. (3mks)

8. Three bells rang at intervals of 9minutes, 15 minutes and 21minutes. The bells will ring together at 11.00p.m.Find the time the bells had last rang together (3 marks)

9. Three businessmen Makokha, Njau and Odhiambo contributed a total amount of sh 120,000 to start a business. The ratio of the contributions of Makokha and Njau was 2:3 and that of Njau to Odhiambo was 2:5. How much did Odhiambo contribute? (4 marks)

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10. Two pairs of trousers and three shirts cost a total of 390. Five such pairs of trousers and two shirts cost a total of sh.810. Find the price of a pair of trousers and a shirt. (3marks)

11. Solve the equation $\frac{1}{4x} = \frac{5}{6x} - 7$ (3 marks)

12. Without using mathematical tables evaluate (3 marks)

$$\frac{0.18 \times 4}{\sqrt{3.24 \times 4}}$$

13. A number n is such that when it is divided by 27, 30,or 45, the remainder is always 3. Find the smallest value of n. (3mks)

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14. (a) The prime numbers between 30 and 40 are written in ascending order to form a number. Write down the number. (1mk)

(b) A second number is formed by writing all square numbers between 40 and 70 in the ascending order. Find the difference between this number and the one formed in (a) above giving your answer to the nearest tens. (2mks)

15. A watch which looses a half a minute every hour was set read the correct time at 0445hr on Monday. Determine in twelve hour system the time the watch will show on Friday at 1845hr the same week. 3mks

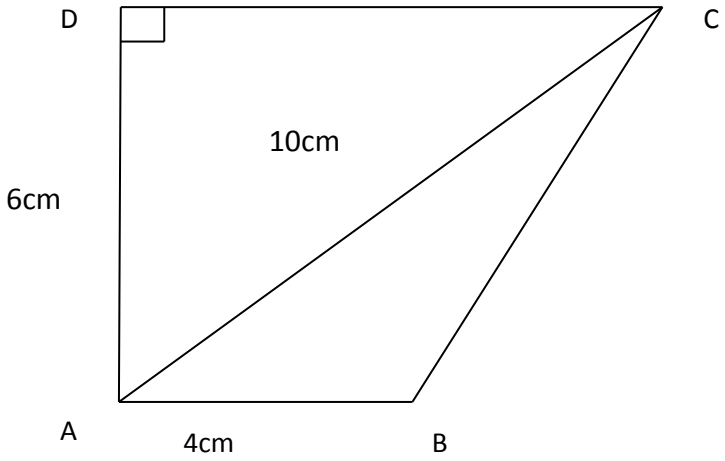
16. Arrange the following fractions in ascending order. $^{2}/_{3}$, $^{7}/_{12}$, $^{5}/_{8}$, (3mks)

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SECTION II

Answer only FIVE questions from this section

17. In the figure below AB=4cm, AD=6cm and AC=10cm find:



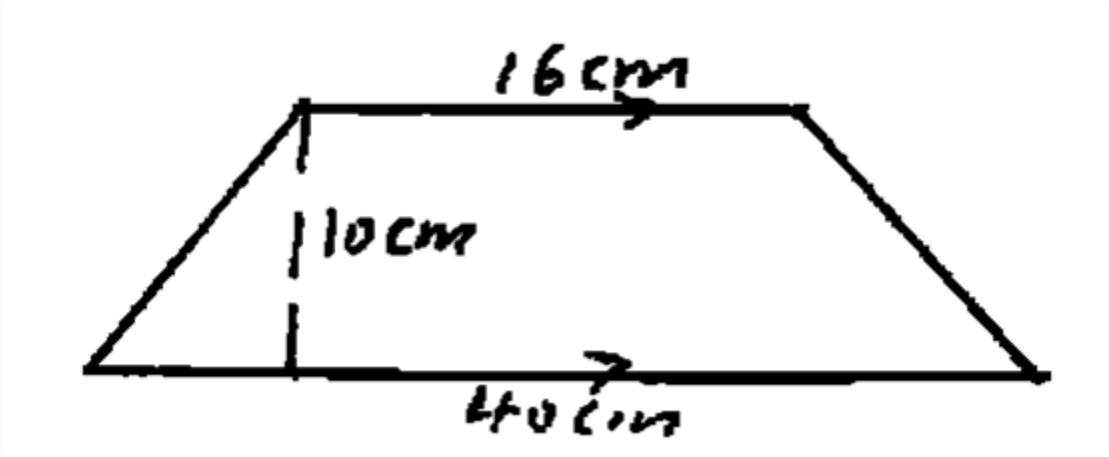
a. the area of triangle ABC. (3mks)

b. the length of the perpendicular from B to AC. (4mks)

c. the length of DC if the area of triangle ADC is equal to $24cm^2$ (3mks)

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18. (a) Find the area of the following figure. (2mks)



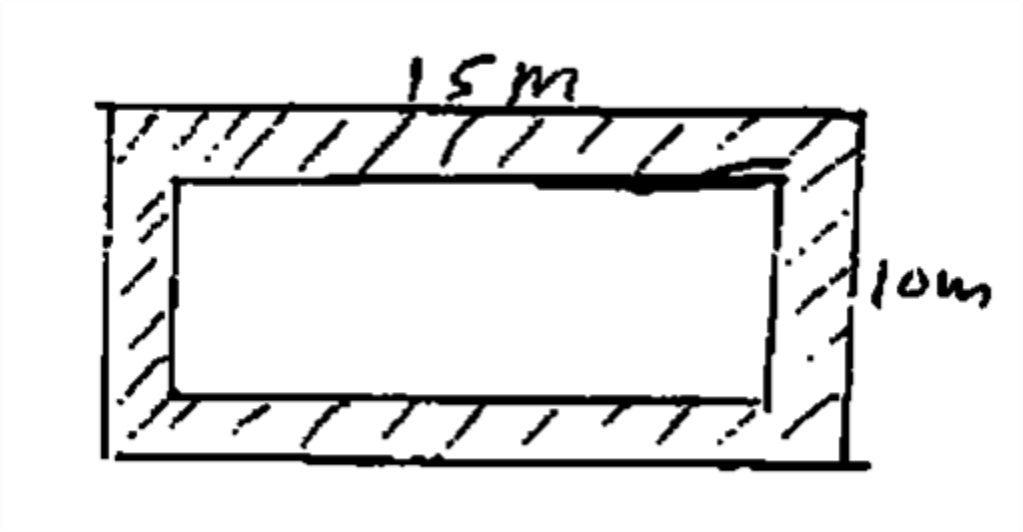
b) A piece of wire is in the shape of an arc of a circle, radius 10.5cm. The angle at the centre is 150^{o}

i. Calculate the length of the wire. (2mks)

ii. If the wire is bent to form a complete circle, find its radius. (3mks)

c) A flower garden measuring 10m by 15m is surrounded by a path 2m wide, as shown by the figure below. Find the area of the path. (3mks)

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19. Two business partners Nzau and Masese contributed sh.112,000 and sh 128,000 respectively, to start a business. They agree to share their profits as follows;
    30% to be shared equally
    30% to be shared in the ratio of their contributions
    40% to be retained for the running of the business.

If their total profit for the year 1989 was sh.86400 calculate

a) (i) The amount shared equally.
(2marks)

(ii) simplified ratio of contribution (2mks)

(iii)The amount retained for running the business
(2marks)

b) The amount received by each partner. (4 mks)

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20. (a)Three litres of water (density 1g/cm3) is added to 12 litres of alcohol (density 0.8g/cm3) Calculate:

(i)The mass of water in grammes(g) (2mks)

(ii)The mass of alcohol in g. (1mks)

(iii) The density of the mixture in g/cm^3 (2mks)

b .A right angled triangular prism has length 3m, breadth 2m and height 2.5m. If the mass of the prism is 3.4kg,.Calculate.

(i) Area of the cross-section in m2 (2 mks)

(ii)Volume of the prism in m^3 (1mk)

(iii) The density of the prism in kg/m^3 (2mks)

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21. a)Express the following decimal as a fraction in its simplest form

0.185 (2mks)

b. Evaluate the following $\frac{3\frac{1}{2}+2\frac{3}{8}}{4\frac{1}{3}-2\frac{5}{12}}$ (3mks)

b. Carol borrowed sh. 150000. She paid back sh.25000 in the first month, sh. 15000 in the second month and sh. 34000 in the third month. She paid the rest in equal amounts for two months. How much did she for each of the last two months?Calculate:

(i)The amount she paid back in the first 3 months. (2mks)

(ii)How much did she pay for each of the last two months. (3mks)

22. Use mathematical tables to evaluate the following

a) 8.457^2 (2mks)

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b) 567.4^2 (2mks)

c) $\sqrt{456.7}$ (3mks)

d) $\sqrt{0.7893}$ (3mks)

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ENDTERM 3 ASSIGNMENT

FORM 1

PHYSICS

Where necessary, take
g = 10N/kg
Density of water = 1000kg/m^3

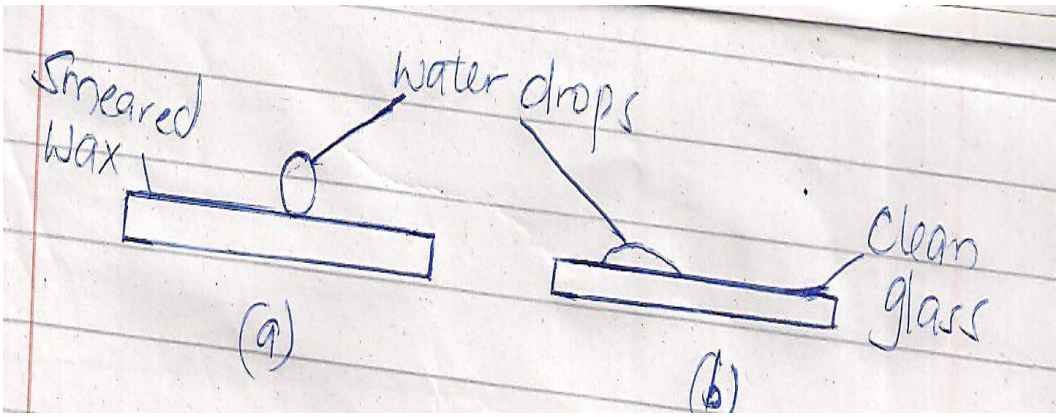
1. What do you understand by the term Physics (1mk)

2. The study of physics is divided into a number of branches: list 3 branches under which we study physics (3mks)

3. (a) Define the term force and state its SI unit (2mks)

(b) The figure below shows water drops on two surfaces. In (a) the glass surface is smeared with wax while in (b) the glass surface is clean

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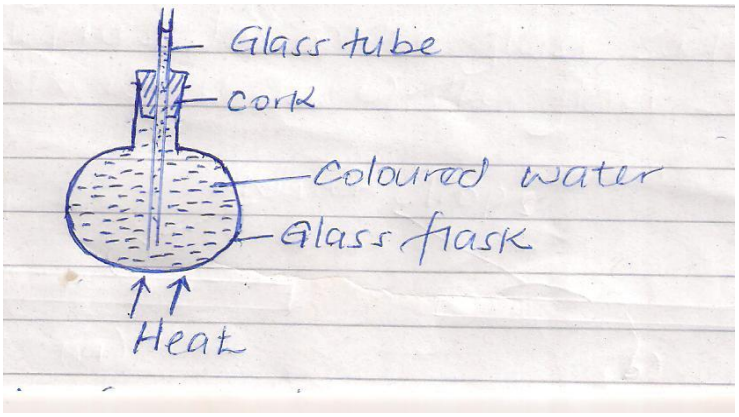
Explain the difference in the shapes of the drops (2mks)

(c) A metal pin was observed to float on the surface of pure water. However the pin sunk when drops of soap solution were carefully added to the water. Explain this observation (2mks)

4. Explain why a thick glass is more likely to break when hot water is poured on it than thin glass. (2mks)

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5. The figure below shows a flask filled with coloured water. The rubber cork is pushed until the water rises a short distance in the glass tube



When the flask is heated it is noted that the level of water first drops before it starts to rise. Explain this observation (3mks)

6. (a) Define the term pressure and state its SI units (2mks)

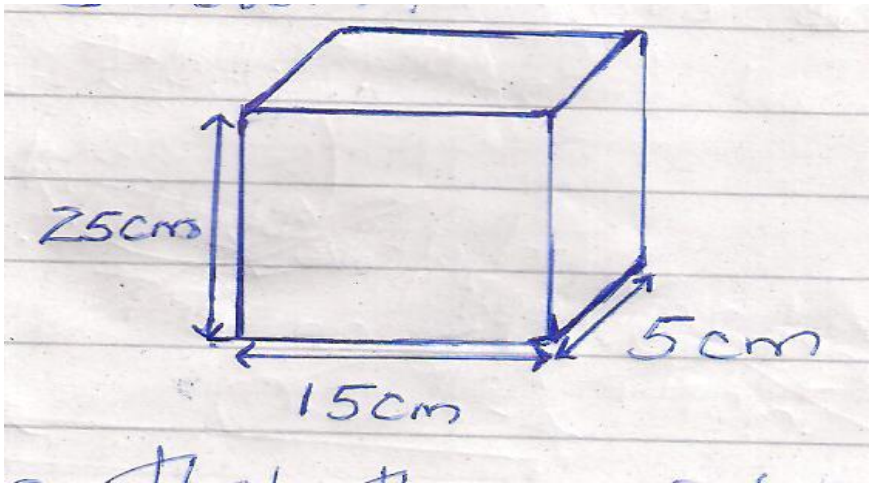
(b) Explain each of the following

(i) Water dams are constructed with thicker walls at the bottom that at the top (2mks)

(ii) It is easier to cut through a log of wood with a sharp panga than a blunt one (1mk)

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(c) A block of wood of dimensions 25cm by 15cm by 5cm rests on a flat surface as shown



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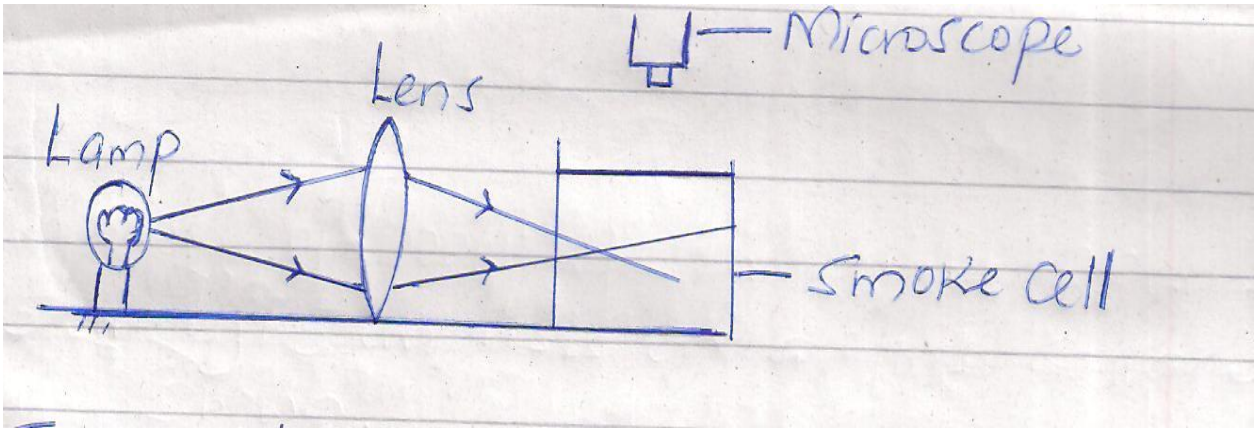
Given that the weight of the block is 25N.
Determine:
(i) The maximum pressure it exerts on the surface (3mks)

(ii) The minimum pressure it exerts on the surface (3mks)

7. (a) Define matter (1mk)

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(b) The following set up was used to observe Brownian motion



Explain the role of the following:

(i) Lamp (1mk)

(ii) Lens (1mk)

(iii) Microscope (1mk)

(c) State and explain the observation made in the smoke cell (3mks)

(d) What will be the effect of increasing the temperature of the smoke cell on the observations made above (1mk)

8. (a) Define the term density and state its SI unit (2mks)

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(b) The density of concentrated sulphuric acid is $1.8gcm^{-3}$. Calculate the volume of 3.6Kg of the acid. (3mks)

(c) The mass of a density bottle is 20.0g when empty, 70.0g when full of water and 55.0g when full of a second liquid. Calculate the density of the liquid (4mks)

9. A text book has 1000 sheets bound between two covers each of thickness 0.10mm. Each sheet of paper is 0.05mm thick. Determine the thickness of the book. (2mks)

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10. The water level in a burette is $30cm^3$. If 55 drops of water fall from the burette and the average volume of one drop is $0.12cm^3$, what is the final water level in the burette (2mks)

11. (a) Define the term temperature and state its SI units (2mks)

(b) Convert each of the following from Kelvin to ^0C (2mks)

(i) OK

(ii) 167K

(c) State three properties of a good thermometric liquid (3mks)

(d) State and explain the two special features of a clinical thermometer (4mks)

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(e) Give a reason why a clinical thermometer should never be sterilized using boiling water (1mk)

12. (a) What do you understand by anomalous expansion of water (1mk)

(b) Sketch a graph of variation of density of water with temperature when water is heated from 0^0C to 10^0C (2mks)

(c) Explain the following;

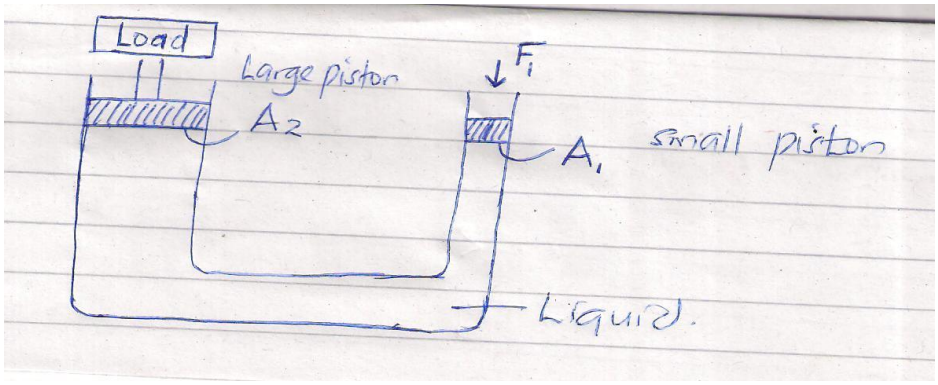
(i) Aquatic animals are able to survive under layers of ice even if the surface is completely frozen (2mks)

(ii) Water pipes are liable to burst during winter (2mks)

13. (a) State the Pascal's principle of transmission of pressure in liquids (1mk)

(b) The figure below shows a hydraulic machine

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If the area of the small piston is $2cm^2$ and the large piston is $1000cm^2$. Determine the force on the small piston that would be required to lift a load of mass 2000Kg. (3mks)

(c) Give one property of a liquid that can be used in a hydraulic machine (1mk)

14. (a) Give three differences between mass and weight (3mks)

MASS	WEIGHT

(b) A man has a mass of 70Kg. Calculate his weight on the moon where the gravitational field strength is 1.7N/Kg (2mks)

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(c) A mass of 7.5Kg has weight of 30N on a certain planet. Calculate the acceleration due to gravity on this planet (2mks)

(d) Differentiate between a Scalar quantity and a vector quantity (2mks)

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