

FORM 2 MIDTERM 1 EXAMS

ALL SUBJECTS

*Compilation of Standard set of Mid-Term 1 Questions for
the Current Class.*

Subjects Tested;

*Mathematics, English, Kiswahili, Biology, Chemistry, Physics, CRE,
Geography, History, Business Studies, Agriculture, Home Science &
Computer Studies.*

SERIES 1

For Marking Schemes

*Mr Isaboke **0746 222 000 / 0742 999 000***

MWALIMU CONSULTANCY

FORM 2 MIDTERM 1 EXAMS

SERIES 1

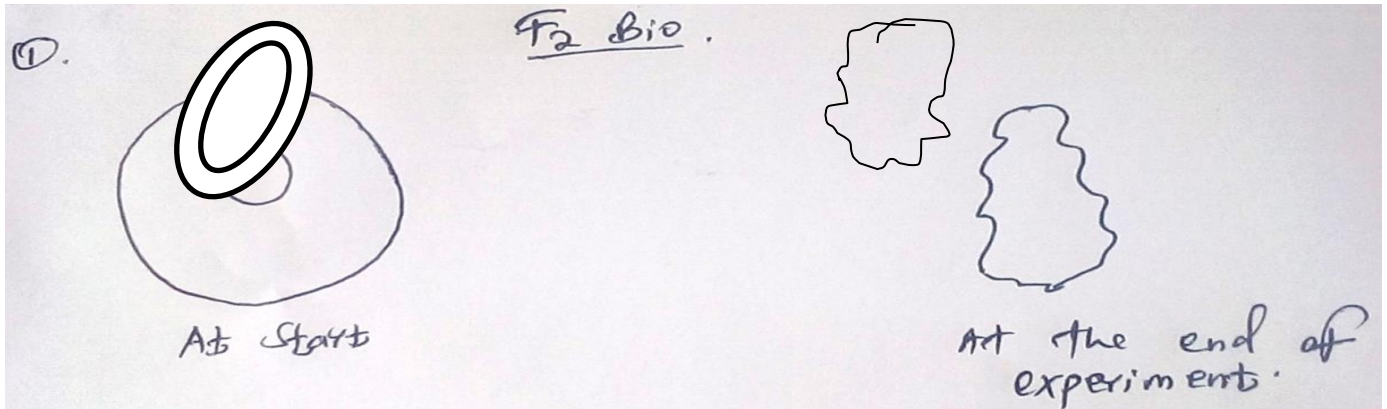
BIOLOGY

TIME: 2 HOURS

NAME..... ADM NO;

CLASS..... DATE.....

1. The Diagrams below show a Red Blood cell that was subjected to a certain treatment.



At start

At the end of experiment

a) Account for the shape of the cell at the end of the experiment. (2mks)

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b) Draw a diagram to illustrate how a plant cell would appear if subjected to the same treatment. . (2mks)

2. The diagram below shows a human tooth.



a) Identify the tooth. (1mk)

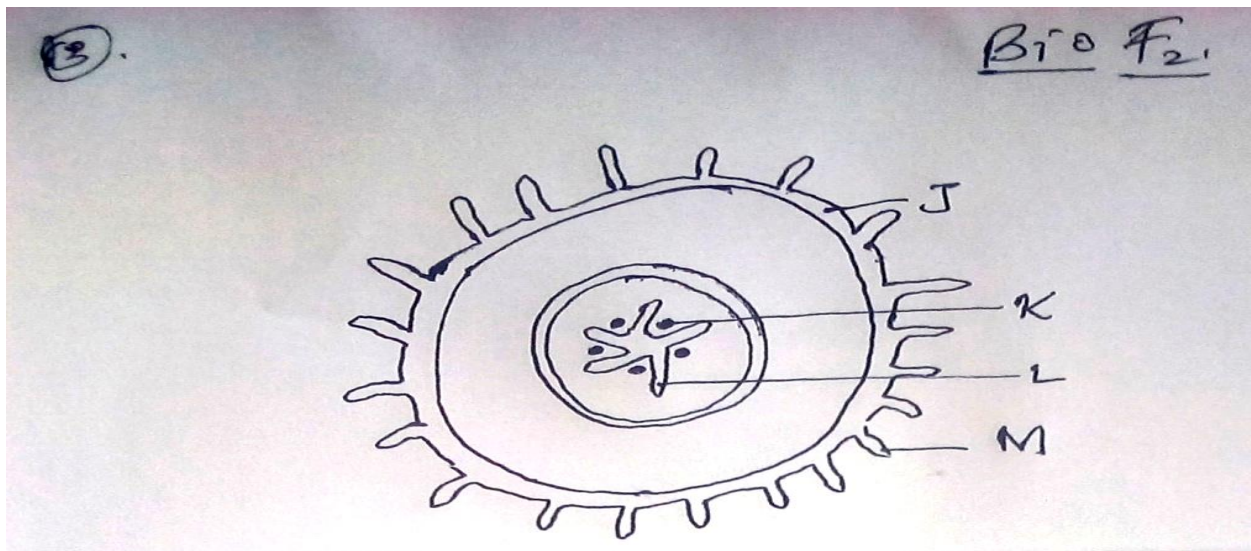
b) How is the tooth adapted to its functions. (2mks)

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3. The diagram below represents a transverse section through a plant organ.



a) From which plant organ was the section obtained. (1mk)

b) Give two reasons for your answer in (a) above (2ks)

c) Name the parts labeled J K and L. (3mks)

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d) State two functions of the part labeled M. (2mks)

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4. Explain how each of the following factors affects the rate of photosynthesis

i) Temperature (2mks)

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ii) Chlorophyll concentration. (2mks)

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5. Name the tissues in plants responsible for: (2mks)

a) Transport of water and mineral salts

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b) Transport of carbohydrates

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6. State one adaptation of xylem vessels to their functions. (1mk)

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7. (a) Why are people with blood group O universal donors? (2mks)

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(b) A person whose blood group is AB requires a blood transfusion. Name the blood groups of the donors. (2mks)

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8. Name the organelles that performs the following functions in a cell (2mks)

a) Protein synthesis

b) Transport of cell secretions

9. State one use for each of the following apparatus in the study of living organisms. (2mks)

a) Pooter

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b) Pitfall trap

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10. A 'dolf' is an offspring between a wolf and a dog. This animal is infertile. Give a reason for this. (1mk)

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11. State the role of light in photosynthesis **(2mks)**

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12. Name a disease caused by lack of each of the following in human diet. **(2mks)**

Vitamin D-

Iodine

13. The following is the dental formula of a certain mammal.

I 0/3 C 0/1 pm 3/3, molar 3/3

i. State the likely mode of feeding for the mammal. **(1mk)**

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ii. Give a reason for your answer in (a) above. **(1mk)**

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14. Explain why the rate of transpiration is reduced when humidity is high? **(2mks)**

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15. Why are plants able to accumulate most of their waste products for long. **(1mk)**

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16. State two ways by which acquired immune deficiency syndrome (AIDS) virus is transmitted. **(2mks)**

17. State three structural differences between arteries and veins. **(3mks)**

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18. State three difference between open and closed circulatory systems. **(3mks)**

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19. Explain two protective functions of blood. **(2mks)**

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

CHEMISTRY

TIME: 1 HOUR 30 MIN

NAME..... ADM NO;

CLASS..... DATE.....

INSTRUCTIONS

- a) *Answer all questions in the spaces provided*
- b) *All working must be clearly shown.*

1) Explain how you would obtain a pure Ammonium chloride from a mixture of Lead sulphate and Ammonium chloride. (3mks)
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2) State and explain the changes in mass that occur when the following are heated separately in open crucibles. Write a chemical equation for each reaction.

i) Lead metal. (2mks)
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ii) Lead carbonate. (3mks)
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3) Explain why a mixture of copper (ii) oxide and magnesium reacts when heated while there is no reaction when a mixture of copper and magnesium oxide is heated. **(3mks)**

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4) An element x has an electronic configuration of 2 8 5.

a) State the period and group which the element belongs. **(2mks)**

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b) Write the formula of the most stable ion formed when element x ionizes. **(1mk)**

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c) Explain the difference between the atomic radius of element x and its ionic radius. **(2mks)**

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5) (i) Explain why the metals such as Magnesium and Aluminum are good conductors. **(2mks)**

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(ii) State two reasons why Aluminum is preferred to Magnesium for making cooking pans. **(2mks)**

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6) Define the following terms:

a) Atomic Number **(1mk)**

b) Mass Number **(1mk)**

c) The Isotopes **(1mk)**

d) Ionization energy **(1mk)**

e) Electron affinity. **(1mk)**

7) Atoms of element x exist as ^{14}X and ^{12}X

6 6

a) What name is given to the two types of atoms. **(1mk)**

b) Use dot (.) and (x) diagrams to illustrate the atomic structure of x. **(2mks)**

c) Write the electron configuration of the atom in (b) hence write the formula of the compound formed when it combines with oxygen (O=8) **(2mks)**

8) The following table gives a summary of some properties of elements P, Q, R and S. the letters do not represent the actual symbols of the elements. Study the table and answer the question that follows.

element	Electron arrangement	valency
P	2.2	2
Q	2.7	1
R	2.8.2	2
S	2.8.8.2	2

c) Which two elements have similar chemical properties? Explain. **(2mks)**

d) What is the most likely formula of a carbonate of S ? **(1mk)**

e) (i) Identify the element which is a non-metal. **(1mk)**

(ii) With an explanation, state the family and period to which the element in (i) belong. **(3mks)**

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9) (a) What is meant by chemical family of elements. **(1mk)**

(b) Explain the following observations.

(i) Atomic radii generally decrease across a period. **(2mks)**

(ii) Melting points increase from sodium to Aluminium in the third period. **(2mks)**

(iii) Sodium is more reactive than magnesium. **(2mks)**

(iv) Chlorine is more reactive than sulphur **(2mks)**

10) Write equations for the following reactions

a) Burning magnesium in air.

b) Reaction of

i. Magnesium with steam

ii. Sodium oxide with water

iii. Aluminium with dilute sulphuric acid

iv. Sulphur with oxygen

FORM 2 MIDTERM 1 EXAMS

SERIES 1

PHYSICS

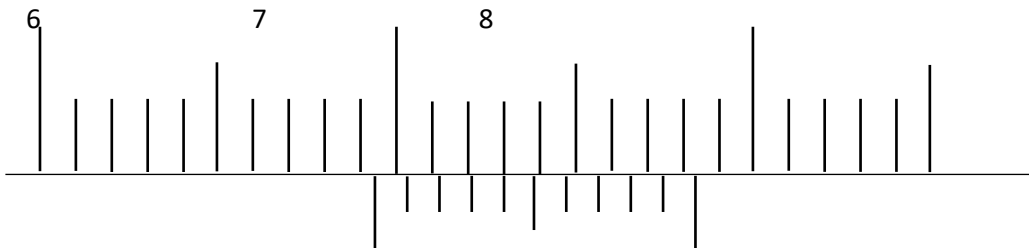
TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

Answer all the questions in the spaces provided.

1. The figure below shows the scale of a verniercallipers which was being used to measure the internal diameter of a tin. The verniercallipers has a zero error of +0.22 cm.



a) Record the actual diameter of the tin. (3 marks)

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b) State one advantage of the above measuring instrument over a micrometer screw gauge. (1 mark)

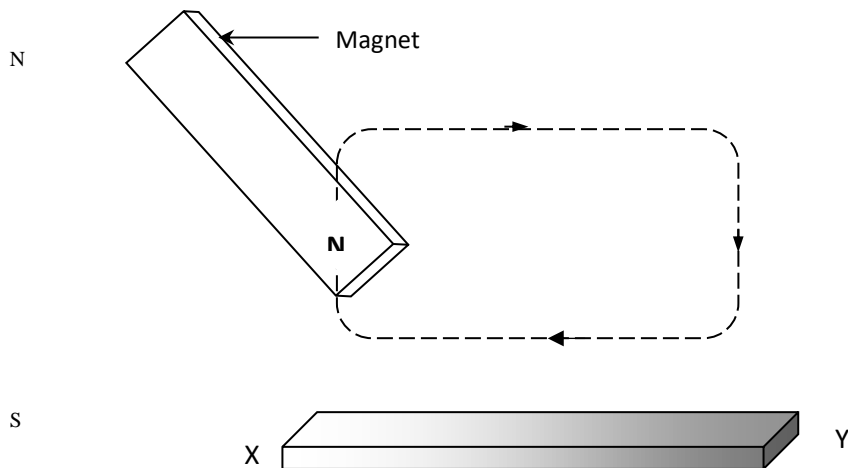
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2. State the Pascal's Principle of transmission of pressure in fluids. (2 marks)

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3. The figure below shows an iron bar being magnetized with a magnet.



a) Identify the magnetization method being used. (1 mark)

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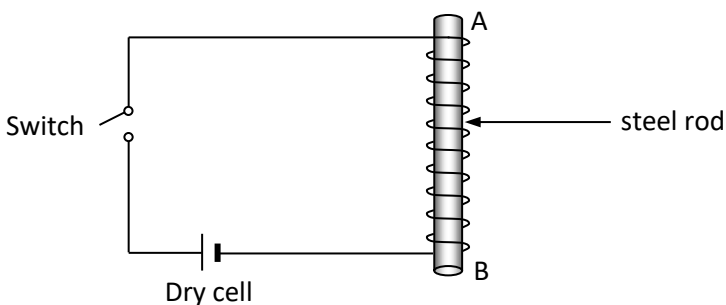
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b) Name the polarities X and Y of the resulting magnet. (2 marks)

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4. The diagram below shows a steel rod **AB** inside a solenoid.



a) What is the name of the above method of magnetization? (1 mark)

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b) Give the polarities of ends A and B when the switch is put on. **(2 marks)**

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5. (a) A battery is rated 70AH, giving a practical example, explain the meaning of the rating?

(1 mark)

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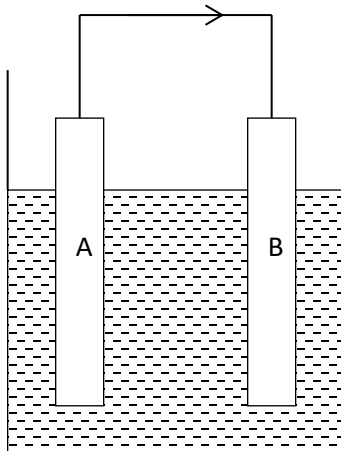
(b) A certain battery drives a current of 2A in a circuit for 1 hour. Calculate the quantity of charge in the circuit? **(2 marks)**

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6. A uniform 90cm rod AB is balanced at its center of gravity, weight Y, 1N and 2N are hung 20cm, 65cm and 85cm respectively from A. Calculate the force Y? **(3 marks)**

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7. The diagram below shows a simple Voltaic cell. The flow of current is represented by *i*. Identify:



i) The Zinc rod (1 mark)

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ii) The Copper rod (1mark)

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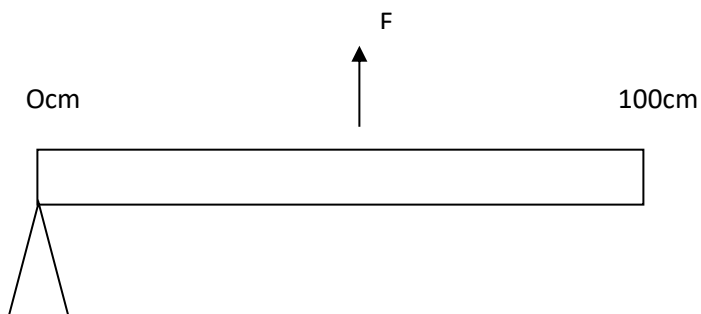
8. (a) (i) Define moment and state its SI Units. (2 mks)

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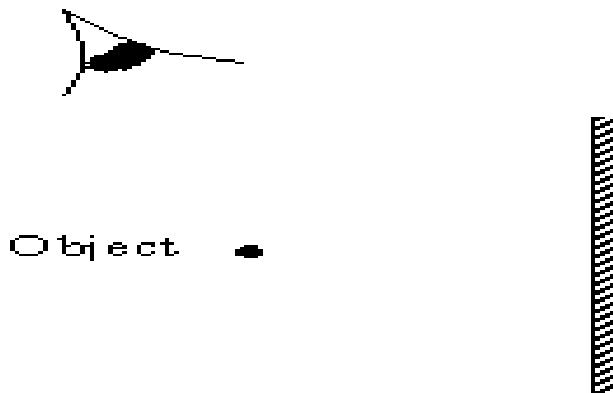
(ii) Calculate the moment of the force about the fulcrum when a pet toy of mass 10kg is at a distance of 1.2m from the fulcrum. (2 mks)

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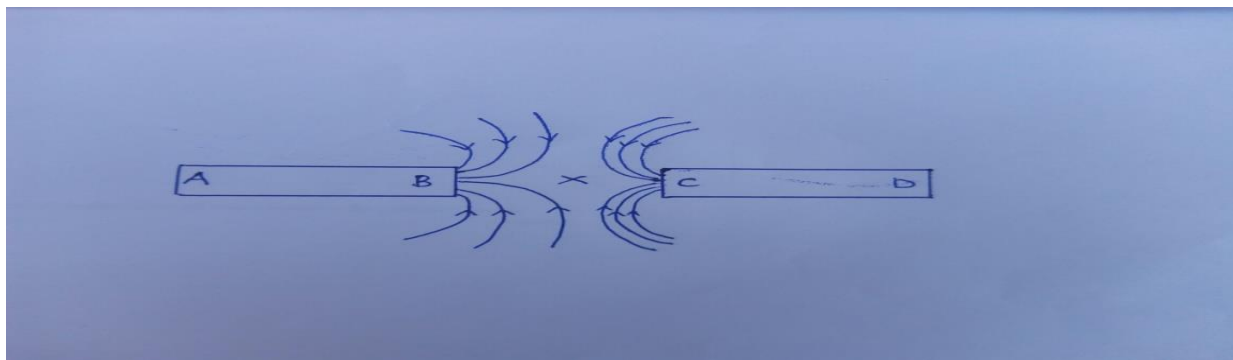
(b) A uniform metre rule of mass 75g is pivoted freely at the 0cm mark. What force F, applied vertically upwards at the 50cm mark is needed to maintain the rule horizontally?(3 mks)



9. Using a ray diagram, locate the images formed in the figure below. (4 marks)



10. The magnetic field between the poles of two permanent bar magnets is shown below. The neutral point is marked X



(a) Explain what is meant by a neutral point? (1 mark)

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(b) Identify the poles marked A, B, C and D. (2 marks)

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(c) Which is the stronger pole? B or C. (1 mark)

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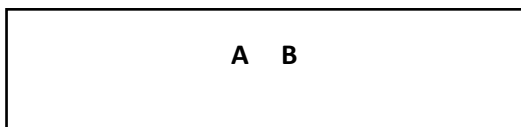
(d) Give a reason to your answer in (c) above. **(1 mark)**

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(e) The two magnets were prepared by a student in a college. Suggest two different methods by which she could have prepared the two magnets. **(2 marks)**

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(f) Draw the magnetic domains in magnet AB showing clearly the north and south poles. **(2 marks)**



(g) (i) State one difference between the magnetic properties of steel and iron. **(2 marks)**

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v. Given the two materials state which you would use to make: **(2 marks)**

c) An electromagnet

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d) A compass needle.

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11. In an experiment to determine the size of an oil molecule, clean water was placed in a large basin and then left over several minutes without any disturbance. Lycopodium powder was carefully spread on the water surface. A drop of oil was then taken from a container using a fine wire. Its diameter was measured using a millimeter scale with the aid of a hand lens and was found to be 0.35mm. The oil drop was carefully transferred onto the water surface where it spread to form a circular patch of diameter 14cm.

- f) Explain briefly why:
d) It was important to use clean water for this experiment. **(1 marks)**
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- e) The water was held in a large basin. **(1 mark)**
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- f) The water was left undisturbed for several minutes. **(1 mark)**
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- g) Lycopodium powder was spread over the surface of the water. **(1 marks)**
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- g) Use the measurements obtained to determine:
(i) The volume of oil. **(3 marks)**
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- (ii) The area of the oil patch. **(3 marks)**
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- (iii) The approximate diameter of an oil molecule. **(3 marks)**
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(iv) The approximate volume of an oil molecule in mm^3 (correct to 3 significant figures)

(3 marks)

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(v) The number of oil molecules in the oil drop. (correct to 3 significant figures)

Take $\pi = \frac{22}{7}$

(3 marks)

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

MATHEMATICS

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

- 1) Use tables to evaluate. (3mks)

$$\sqrt{\frac{3.45 \times 16.7}{31.5}}$$

- 2) Solve for x in each of the following equations. (3mks)

a) $3^{(2x-5)} = 27$

- b) $3^{4x} \div 3^{-7} = 3^{15}$ (3mks)

3) Use reciprocals tables to evaluate **(3mks)**

4) A metallic cuboid measuring 16cm by 8cm by 4 cm was melted . The material was then used to make a cube. What was the length of the cube? **(3mks)**

5) Simplify

$$\sqrt{\frac{27x^3y^9}{x^6y^3}}$$

(3mks)

6) Find the equation of the line through the points A (2, 5) and B(3, 11) **(3mks)**

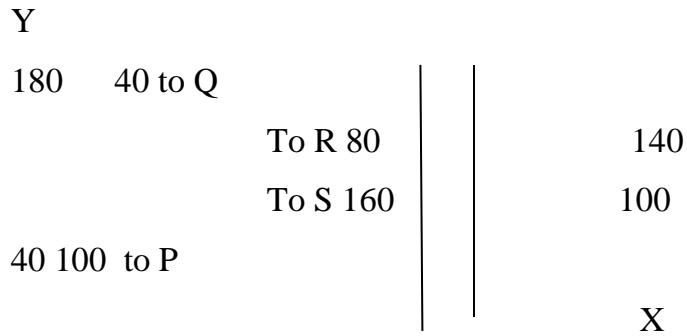
7) Determine the equation of the line perpendicular to the line whose equation is $y = -5x + 3$ and passes through the point $(3, 2)$. **(3mks)**

8) $A(-5, -2)$, $B(-2, -5)$ and $C(-12, -2)$ are vertices of a triangle. Find the image of the triangle when it is reflected in :

i. The line $y = -x$ **(4mks)**

ii. The line $y = x$ **(4mks)**

- 9) Find the area in hectares of a coffee field whose measurements are entered in a field book as shown below. Take $xy=200m$ as the baseline. **(8mks)**



- 10) Use the reciprocal tables and square root to evaluate. **(4mks)**

$$\frac{\sqrt{0.1 + 0.498}}{0.0351}$$

11) Two men each working for 8 hours a day. Can cultivate an acre of land in 4 days. How long would 6 men each working in 4 hours a day take to cultivate 4 acres? (3mks)

12) The sum of interior angles of a regular polygon is 1080° . Find the size of each exterior angle. (3mks)

FORM 2 MIDTERM 1 EXAMS

SERIES 1

ENGLISH

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

INSTRUCTIONS

- a) *This paper contains 4 printed pages.*
- b) *Answer ALL the questions.*
- c) *Write your name and Adm: number in the spaces provided.*
- d) *All answers MUST be written in the spaced provided in this question paper.*
- e) *All answers should answer the questions in English.*

QUESTION	MAXIMUM	SCORE
CLOZE TEST	10	
ORAL SKILLS	30	
GRAMMER	10	
TOTAL	50	

2. CLOZE TEST (10 Marks)

Read the passage below and fill in each blank space with an appropriate word.

It is a fact that the first police officer to arrive at the scene of crime will always (1)...the outcome of the investigations. It is rare (2)..... a criminal to commit a crime without leaving some (3)....., which may assist in disclosing his identity and proving his (4)..... I know that there is no laid – down (5)..... or single step by step procedure to crime scenes. (6)there are

fundamental principles that should guide detectives in investigating (7).....crime and preserving evidence. For criminals acts to be (8).....investigated, detectives must maintain the scene’s integrity, preserve physical examination. Experts say that exhibits (9).....crucial in any investigation and subsequent prosecutions. Detectives should not overlook anything, and all scenes should be treated as a crime scene until assessed and determined (10).....be otherwise. Adapted from: Daily Nation February 2015 compiled by Zadock Angira. **10 marks**

3. ORAL SKILLS (30 Marks)

Read the poem below and answer the question that follows.

BURY ME IN A FREE LAND

Make me a grave wherever you will,
In a lowly plain, or a lofty hill;
Make it among earth’s humblest graves,
But not in a land where men are slaves,
I could not rest if around my grave,
I heard the steps of a trembling slave;
His shadow above my silent tomb
Would make it a place of fearful gloom
I could not rest if heard the tread
Of a gang to the shambles led,
And the mothers shriek of wild despair
Rise like a curse on trembling air.

Questions

i) Identify and describe the rhyme scheme in the poem above. **(2marks)**

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ii) Identify and illustrate two features that you would employ when reciting to an audience the poem above. **(2marks)**

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iii) Mention two ways that would help you know that the audience is fully participating during the recitation of the poem? **(3marks)**

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iv) How would you say the last line of the poem? **(2marks)**

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v) Identify any four words from the poem above and for each, give another word that is pronounced in the same way but spelt differently. **(2marks)**

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.....
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vi) Identify any two words from the poem above that have silent letters and indicate the silent letter by underlining it. **(1mark)**

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b) In each of the following groups of words, three words begin with the same (identical) consonant sound, while one does not, underline the words that begin with a different consonant. **(4marks)**

- i) Knight know Gnaw kleptomania
- ii) Wrist write wattle wasp
- iii) Fish psychology phantom physics
- iv) Chase cheat chord charm

c) Your cousin who lives in Nairobi is visiting you at your school and it is his first time to come to Nakuru. He rings you that he has arrived at Nakuru. In note form, give him direction on how to get your school. **(4marks)**

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d) Complete the following conversation during a riddling session. **(6marks)**

Challenger.....

.....

Respondent.....

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Challenger.....

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Respondent.....

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Challenger: That is a wrong answer

Give me a prize

Respondent.....

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Challenger.....

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e) Your class has been invited to participate in the Great Debate.

Explain any five important preparations you would make to ensure that your side will be successful. (5marks)

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GRAMMAR.

Identify the collective nouns in the following sentences. (3mks.)

- i)The victorious army marched down the street.
- ii)When pirates attacked the ship, the crew hid the food in the hold.
- iii)The preacher asked his flock to avoid temptation.

Choose the collect alternative from those given in brackets to fill in the gaps. (4mks.)

- i)Ngugi wrote-----his early novels while still in Kenya. (Much of/many of.)
- ii) -----people have seen the need to conserve forests. (A great deal of/A lot of.)
- iii) We had-----food and drinks at the party. (Plenty of/much of)
- iv)_____student left school before time. (A great deal of/A great number of)

Fill in the blanks in the sentences below using appropriate words in the bracket. (3mks.)

- i)The class_____a debate this morning. (Contacted/conducted)
- ii) Maliti's_____smelt of alcohol. (Breath/breathe)
- iii) If you_____the student's there would be unrest. (Insight/incite)

FORM 2 MIDTERM 1 EXAMS

SERIES 1

KISWAHILI

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

Jibu maswali yote kwenye nafasi ulizoachiwa wazi baada ya kila swali.

A. UFAHAMU:

Soma makalayafuatayokishaujibu maswali yanayofuatia.

Michuano ya mechi ya kutafuta timu bingwa katika mchezo wa kabumbu barani Afrika mwaka wa 2004 ilifanyika nchini Tunisia, iliyojanibu ya Afrika kaskazini. Mji mkuu wa Tunisia, Tunis ulikuwa mahali pa kila aina za **shamrashamra** kwa wenyeji na wageni. Michezo hii huandaliwa baada ya miaka miwili na huchukua siku kadha **mtawalia** ingawa panaweza kuwa na siku za mapumziko. Mji ulinadhifishwa na nyuga ziliandaliwa kwa michuano hiyo. Michuano hii ilishirikisa timu kumi na sita. Mataifa yote thelathinina sita hayakushiriki yote kwa sababu ya kushindwa au nyinginezo.

Timu zinazolingia katika kinyang'anyiro hicho hupatikana baada ya mashindano ya mchujo. Hapo, nchi hucheza mechi za nyumbani nazile za ugenini. Timu hizi huwa katika makundi tofauti. Washindi kutoka kila kikundi hushiriki mkondo wa pili ambao huwa wa mchujo wa mechi za nyumbani na ugenini.

Madhumuni ya mechi hizi aghalabu huwa mengi: kuleta umoja miongoni mwa mataifa washiriki, kuburudisha, kuleta ufahamikiano katika Nyanja za utamaduni, mitindo ya mavazi, vyakula na kadhalika. Mara nyingine ni mawindo ya timu kutoka nje hasa mataifa ya Ulaya kutafuta wachezaji stadi. Miongoni mwa wachezaji walioshiriki, wamo wengi wanaochezea timu za nchi

za Ulaya ambako wanapewa fulusi nyingi. Jambo hili hupokonya bara la Afrika talanta zake! Ukweli ni kwamba vilabu vya nje huwalipa wachezaji vizuri na vina usimamizi bora kuliko ilivyo katika nchi nyingi barani Afrika.

Usimamizi mbaya hufanya hali ya michezo kuzorota katika nchi za Afrika. Kuepukana na jambo hili lazima mashinani kuwe na vilabu vinavyosaidiwa na kamai au shirika linalohusinana na mchezo huu. Piani bora kuazisha kambi za vijana chipukizi ili kupata wachezaji watokaoinua timu ya taifa.

Michezo hii ya barani Afrika huwa kigezo cha ujuzi na umahiri wa wachezaji katika kusakataka bumbu. Aghalabu wachezaji hutuzwa kutokana na juhudi zao katika ngazi hii ya **kilele**. Kwa mfano, mchezaji aliyefunga mabao mengi au aliyeonyesha umahiri wakipekee katika michuano hiyo hutuzwa medali.

Michuano hii huileta nchi andalizi faida nyingi. Kwa mfano, kuboreka kwa njia za mawasiliano, kupata wageni wanaotalii miongoni mwa mengine. Baadhi ya wageni hasa makocha huja kufanya ujasusi juu ya miamba wa bara hili ambao watamenyana nao katika michuano ya kuwania kombe la dunia inayofanyika baada ya kila miaka minne.

Nidhamu ni jambo linalotiliwa maanani sana katika shughuli hiyo. Wakati mwingine kwa sababu kadha wa kadha za kinidhamu, mchezaji wa timu fulani huweza kurudishwa nyumbani. Miongoni mwa makosa haya ni kutumia dawa za kuongezea misuli nguvu, kupigana na ulevi.

Mwisho wa kinyang'anyiro hiki Tunisia iliibuka timu bingwa na ilitunukiwa kombe, medali na kitita cha pesa.

1. Maswali:

(i) Taja faida tatu ambazo nchi andalizi ya mechi hizi za kandanda hupata. **(alama 2)**

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(ii) Kwa nini mchezajihufukuzwa katika kampi? **(alama 2)**

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(iii) Sababu zipi hufanya wageni kuja kutazama michezo hii? **(alama 2)**

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(iv) Timu inayoibuka bingwa hupewa nini?

(alama 2)

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(v) Eleza maneno haya kamayalivyotumiwa katika taarifa.

(alama 4)

(a) Fulusinyingi –

(b) Kabumbu –

(c) Shamrashamra –

(d) Kuwania –

2. SARUFI

(a) Sautini nini?

(alama 2)

(b) Kuna sautiainangapi? Zitaje.

(alama 2)

(c) (i) Silabi ni nini?

(ii) Neno hili linasilabigani?(labda) –

(iii) Andika sentensi hii KKII

(d) Akifisha sentensi hii:

Ann: Musa musa unaitwa musa na nani Ann na mama **(alama 3)**

(e) (i) Eleza maana ya mofimu **(alama 1)**

(ii) Neno hili lina mofimu ngapi? (mwanahewa) **(alama 1)**

(iii) Mofimu ziko ngapi? Andika mfano wa kila mofimu. **(alama 1)**

(f) Hizi ni nomino za aina gani? **(alama 4)**

(i) ‘Oduor –

(ii) ‘Miti –

(iii) ‘Mchanga –

(iv) ‘Jeshi–

(g) Fafanua vivumishi vilivyopigwa mstari. **(alama 3)**

(i) Mtoto mwerevu amefuzu

(ii) Mahali gani hapa –

(iii) Baba yangu ni huyu -

(h) Tumiakihusishikifaacho kutoka jedwalikujazapengo (kumbe, ala, alhamdulillah) **(alama 1)**

Nilikufikiria kuwa Rafikimwema _____ weweniaduimkubwa.

(i) Jazaviambishivifaavyo:- **(alama 4)**

(i) Huyundi__ aliye ___ chunguzaulipotupamawe.

(ii) Huund__ mkuki __li__ rushwa.

(J) Pambanua sentensi hii kwanjia ya mstari. **(alama 2)**
Mwanafunzi mwerevu husoma vitabu vingi.

(k) Andika katika hali ya udogo **(alama 2)**
Nyumba yangu ndogo lakini ina wapangaji wengi.

3. ISIMU JAMII (ALAMA 6)

(a) Eleza maana ya lugha. **(alama 3)**

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(b) Toa sifa tano za lugha . **(alama 4)**

(i)

(ii)

(iii)

(iv)

(v)

4. FASIHI SIMULIZI (ALAMA 6)

(a) (i) Eleza maana ya kitendawili. **(alama 2)**

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(ii) Andika dhima zozote nne za vitendawili. **(alama 4)**

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

CHRISTIAN RELIGIOUS EDUCATION

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

QUESTIONS

Answer all the questions in the spaces provided

1) (a) Give five reasons why the Bible is referred to as God's word (5mks)

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(b) Identify five similarities in the creation stories (5mks)

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(c) State five conditions for the renewal of the Sinai Covenant (5mks)

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2 (a) Why is David regarded as the greatest king in Israel (5mks)

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(b) What is the relevancy of Elijah's prophetic mission to Christians today (5mks)

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(c) How did the Traditional African Society relate the living dead? (5mks)

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3 **(a)** Outline Jeremiah’s prophecies concerning the Messiah **(5mks)**

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(b) State five ways in which John the Baptist prepared the way for Jesus **(5mks)**

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(c) Highlight five reasons Christians learn from Mary’s song the magnificent **(5mks)**

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(d) Give five reasons as to why Jesus was rejected in Nazareth **(5mks)**

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

GEOGRAPHY

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

1. (a) Name the two types of earth movements. (2 mks)

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(b) State four causes of earth movements. (4 mks)

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2. (a) Describe the continental drift theory. (7 mks)

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(b) Name three landforms that may form along the extension boundaries. **(3 mks)**

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3. (a) Give five characteristics of the earths moon. **(5 mks)**

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(b) Give two effects of the revolution of the earth. **(2 mks)**

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4. (a) Identify three types of folds. **(3 mks)**

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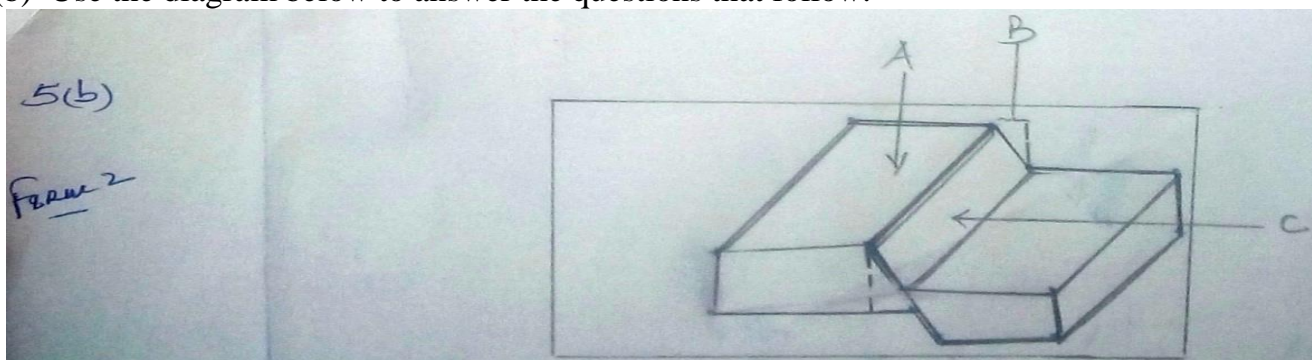
(b) Outline three factors which determine the formation of features by folding. **(3 mks)**

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5. (a) Explain three ways in which faulting occurs. **(3 mks)**

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(b) Use the diagram below to answer the questions that follow.



S(i) Name the features marked A, B and C. (3 mks)

A -

B -

C -

(ii) Apart from feature C, identify three other features of faulting. (3 mks)

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6. (a) Apart from rainfall, name three other forms of precipitation. (3 mks)

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(b) Describe how orographic rainfall is formed. (6 mks)

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(c) Give three factors which influence distribution of atmospheric pressure on the surface of the earth. (3 mks)

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

HISTORY & GOVERNMENT

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

Answer All the questions

1. Identify the importances of space exploration to man (4mks)

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2. Give four advantages of a camel as means of transport (4mks)

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3. What are the factors that necessitated trade (4mks)

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4. Identify two ways in which early man used stone tools (2mk)

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5. State the factors that facilitated the growth and development of Trans-Saharan trade (5mks)

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6. Identify the main form of trade in Africa in pre-colonial period (2mks)

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7. State five reasons for the coming of missionaries to the East African Coast (5mks)

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8. Identify three continents that participated in Trans-Atlantic trade (3mks)

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9. State the disadvantages of barter trade (4mks)

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10. Identify the role of tuareg during the Trans-Saharan trade (5mks)

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11. State the characteristics of macadamized roads (5mks)

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12 Give reasons for the decline of Trans-Atlantic trade (5mks)

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13. Give two groups of Bantus in Kenya during pre-colonial period (2mks)

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

BUSINESS STUDIES

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

QUESTIONS

1) Outline four functions of retailers to consumers (4marks)

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2) Outline four circumstances under which one would prefer to be paid by cash rather than by cheque (4marks)

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3) Highlight five factors to be considered when selecting office equipment (5marks)

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4) Give four demerits of sole proprietorship as form of business unit (4marks)

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5) Outline the sources of capital for co-operatives (4marks)

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6) Outline four circumstances under which a partnership may be dissolved (4marks)

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7) Highlight the contents of the articles of association (4marks)

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8) Give three ways government get involved in business activates (3marks)

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9) State five ways in which government may regulate business activities (5marks)

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10) List five methods used by the government to protect consumers (5marks)

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11) Highlight limitation of consumers-initiated method of consumer protection (5marks)

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12) Give four essential element of transport (4marks)

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13) Highlight five importance of transport to business (5marks)

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14) Give 2 trends in transport **(2mks)**

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FORM 2 MIDTERM 1 EXAMS

SERIES 1

AGRICULTURE

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

QUESTIONS

1) a) What is soil sampling (1mark)

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b) State **two** soil sampling methods (2marks)

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2) Define the following term (3 marks)

i) chlorosis

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ii) chitting

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iii) plant population

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3) Give **two** symptoms common on crops deficient in nitrogen and potassium (2marks)

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4) Give **two** sources of phosphorous in the soil. (2marks)

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5) State **two** functions of iron in plants. (2marks)

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6) Distinguish between Fertilizer grade and Fertilizer ratio. (2marks)

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7) Give **two** type of labour records (2marks)

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8) Differentiate between macro-nutrient and micro-nutrient (2marks)

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9) Why is it not recommended to apply nitrogenous fertilizers at the time of planting(2mks)

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10) State five factor considered in timely planting (5marks)

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11) State five factors considered in choosing seed rate (5 marks)

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12) Explain five methods of fertilizer application (5 marks)

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13) List five importance of livestock (5marks)

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14) Name five uses of farm records (5 marks)

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15) Suppose a soil is deficient in all three primary macro-nutrient and in a field test it is found that the following should be applied: 60kg N, 30kg P₂O₅ and 40 kg K₂O per hectare. Calculate the amount of Sulphate of ammonia, Single Superphosphate and Potassium Chloride required per hectare. Given that: Sulphate of Ammonia is(20% N), Single Superphosphate is (20% P₂O₅) and Muriate of Potash is (50% K₂O)

i. Sulphate of Ammonia (2marks)

ii. Single Superphosphate (2marks)

iii. Muriate of Potash (2 marks)

FORM 2 MIDTERM 1 EXAMS

SERIES 1

HOME SCIENCE

TIME: 1½ HOURS

NAME..... ADM NO;

CLASS..... DATE.....

Answer all the questions in the spaces provided.

1. Give 2 reasons for cleaning a house.

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2. Suggest two ways of preventing dandruff. (2m)

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3. List down 4 agents of food spoilage (2m)

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4. Give 3 qualities of a good kitchen knife. (3m)

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5. Point out 2 dangers of misusing cosmetics. (2m)

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6. State 3 disadvantages of living in flats. (3m)

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7. Give 3 functions of teeth. (3m)

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8. Classify fibres into 2 citing 2 relevant examples under each. (4m)

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9. Suggest two qualities of a good kitchen floor. (2m)

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10. State 2 problems of wearing tight shoes. (2m)

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11. Give 3 good reasons for cooking food. **(3m)**

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12. Highlight 2 disadvantages of stewing food. **(2m)**

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13. Identify three desirable properties of cotton fabric. **(3m)**

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14. List down two qualities of dressmakers pins. **(2m)**

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15. Mention 2 symptoms of food poisoning. **(2m)**

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16. Point out 3 characteristics of a well made stitch. **(3m)**

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17. Give 3 points to consider when buying a tape **measure** **(3m).**

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18. Give two advantages and two disadvantages of an electric cooker. **(4m)**

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19. List down two dry heat and two moist heat methods of **cooking** **(4m)**

Dry heat Moist heat.

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20. Which five considerations will you have in mind when choosing a sewing machine.? **(5m)**

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21. Name three joining stitches and three embroidery stitches. (3m)

Joining

Embroidery

22. Identify 5 basic instructions on medicine. (5m)

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23. Give the steps you would follow when cleaning your school muddy black leather shoes.

(10m)

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24. Give 5 properties of silk garments. (5m)

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25. Name five important items found in a first aid box. (5m)

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26. Suggest five practices of preventing slips and falls in a home. (5m)

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27. Point out 5 physical changes that take place in either boys or girls at adolescence stage
(any specified) (5m)

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28. State six importances of Home-science to the family.

(6m)

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THE END

FOR THE FOLLOWING;

- ✓ **ONLINE TUITION**
- ✓ **REVISION NOTES**
- ✓ **SCHEMES OF WORK**
- ✓ **SETBOOKS VIDEOS**
- ✓ **TERMLY EXAMS**
- ✓ **QUICK REVISION KITS**
- ✓ **KCSE TOPICALS**
- ✓ **KCSE PREMOCKS**
- ✓ **TOP SCHOOLS PREMOCKS**
- ✓ **JOINT PREMOCKS**
- ✓ **KCSE MOCKS**
- ✓ **TOP SCHOOLS MOCKS**
- ✓ **JOINT MOCKS**
- ✓ **KCSE POSTMOCKS**
- ✓ **TOP SCHOOLS PREDICTIONS**
- ✓ **KCSE PREDICTIONS**
- ✓ **KCSE REVEALED SETS**

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