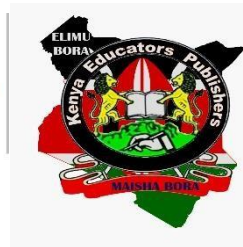# FRM 1 ENDTERM 1 EXAM

ALL SUBJECTS

SERIES 1

FOR MARKING SCHEMES AND MORE FORM 1 TO FORM 4 EXAMS :
CONTACT:
MR MACHUKI – 0724333200
OR
ORDER ONLINE AT:
www.kenyaeducators.co.ke

KENYA EDUCATORS CONSULTANCY

FORM 1 END TERM 1 SET 1 EXAM 2023

Name…………………………………………………..**Adm No**……………**Class**…………

School ……………………………………………………

Candidate's Signature …………………….

AGRICULTURE

FORM 1

GRAND TOTAL
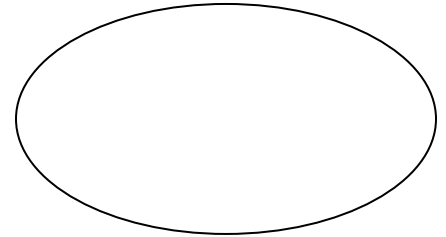
1. What is soil profile? *(1mk)*

    ……………………………………………………………………………………………………
    ………………………………………………………………

2a) State four effects of HIV/AIDS on agriculture. **(2mks)**

………………………………………………………………………………………………………
………………………………………………………………

………………………………………………………………………………………………………
………………………………………………………………

………………………………………………………………………………………………………
………………………………………………………………

………………………………………………………………………………………………………
………………………………………………………………

b) State 4 factors that contribute to the formation of the soil. *(2mks)*

………………………………………………………………………………………………………
………………………………………………………………

………………………………………………………………………………………………………
………………………………………………………………

……
……………………………………………………………………

……
………………………………………………………….......

c) Name four components of soil.   **(4mks)**

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

3a) State one use of the following tools;

i)   Marking Gauge.   *(1mk)*

………………………………………………………………………………………………
……………………………………………………………….

ii)   Bit Brace;   *(1mk)*
………………………………………………………………………………………………
…………………………………………………………...

iii)Panga;   *(1mk)*

………………………………………………………………………………………………
………………………………………………………………

b) State four reasons for maintaining tools.   *(2mks)*

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

……………………………………………………………………………………………………
………………………………………………………………

**Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185**

4a) State two ways in which pests affect Agriculture. *(2mks)*

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

5a) List down four farming practices that can destroy soil structure. *(4mks)*

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

b) State four important effects of carrying out liming in farming. *(4mks)*

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

6a) Give four reasons as to why a farmer would use a jembe instead of a disc plough. *(4mks)*

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

…………………………………………………………………………………………
…………………………………………………………

**Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185**

b) List two possible and appropriate hand tools needed to finish off the handle of a fork jembe. *(2mks)*

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

7a) List down any six types of soil structure. *(3mks)*

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
……………………………………………………………..

b).State five constituents of soil. *(2 ½ mks)*

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

…………………………………………………………………………………………………
…………………………………………………………………

c) Name any four factors that influence soil depth. *(2mks)*

…………………………………………………………………………………………………
…………………………………………………………………

………………………………………………………………………………………..………..

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

8. List four aspects of rainfall that influence Agriculture.   *(2mks)*

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

9a) State three effects of high temperature on crop production.   *(3mks)*

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

b) State three aspects of soil that influence its productivity.   *(1 ½ mks)*

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

10. State four environmental conditions that may lead to low crop yields.   *(4mks)*

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

………………………………………………………………………………………………………

……………………………………………………………………

11. State six human factors affecting Agriculture. *(3mks)*

……………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………...

………………………………………………………………………………………………………
…………………………………………………………………………

12a) what is wind? *(1mk)*

………………………………………………………………………………………………………
…………………………………………………………………………

b) State six ways by which wind affects growth of crops. *(6mks)*

………………………………………………………………………………………………………
………………………………………………………………………………………………………
………………………………………………………………………………………………………
………………………………………………………………………………………………………
………………………………………………………………………………………………………
………………………………………………………………………………………………………
…………………………………………………………

13a) Differentiate between extensive system and intensive system. *(2mks)*

………………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………

b) State three characteristics of large scale farming. *(1 ½ mks)*

………………………………………………………………………………………………………
…………………………………………………………………………

………………………………………………………………………………………………………
…………………………………………………………………………

……………………………………………………………………………………………………

………………………………………………………………..

14a) what is shifting cultivation?   *(1mk)*

………………………………………………………………………………………………………

…………………………………………………………………

b) State any four advantages of shifting cultivation.   *(2mks)*

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………

15. Differentiate between the following terms;   *(4mks)*

i) Floriculture and pomology.

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………..

ii) Aquaculture and Apiculture;

………

…………

………

…………

16. Name three forms in which water exists.   *(1 ½ mks)*

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………

………………………………………………………………………………………………………

…………………………………………………………………

17. State five categories of farm tools and equipment.   *(2 ½ mks)*

…………………………………………………………………………………………………..……..
……………………………………………………………………

……
……………………………………………………………………

……
……………………………………………………………………

……
……………………………………………………………………

……
……………………………………………………………………

18. State two ways a farmer can do to raise the acidity or lower the soil PH.   *(2mks)*

……
……………………………………………………………………

……
……………………………………………………………………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

FORM 1 END TERM 1 SET 1 EXAM 2023

Name…………………………………………..**Adm No**……………**Class**…………

School ………………………………………………………

Candidate's Signature …………………….

GRAND TOTAL
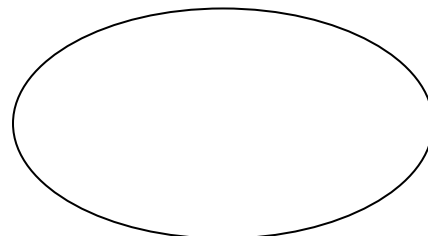
TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES:
- *Answer **ALL** the questions*
- *Answers should be written in the spaces provided*

1. The table below shows some minor branches of Biology. Fill in the gaps.

(7mks)

Branch of Biology	Definition/Description
Ecology	
	Study of inheritance and variations
	Study of cells
Entomology	
Anatomy	
	Study of external structure of organisms
Parasitology	

2. (a) Define the following terms *(4mks)*
    (i) Nutrition

....

....

....

(ii) Excretion

....

....

....

(iii) Respiration

....

....

....

(iv) Gaseous exchange –

....

....

....

(b) Differentiate between growth and development. *(2 mks)*

Growth

....

....

....

Development

....

....

....

3. (a) Define the term "specimen" *(1mk)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
2

....

....

....

(b) Explain why students of Biology collect specimens.   *(2 mks)*

....

....

....

4,. (a) Below is an instrument
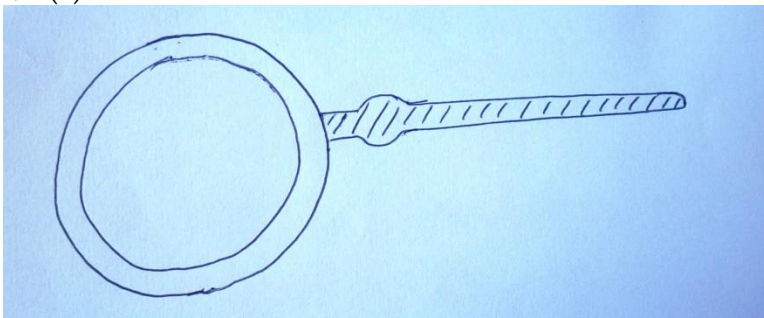
(i) Name the instrument _____

(b) The magnification of a drawing is x25 and the drawing length is 50cm. Calculate the actual length.   *(2 mks)*

5. State five reasons why classification of organisms is necessary.   *(5 mks)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
3

....

....

....

....

....

....

6. (a) Define the following terms:-   *(2 mks)*
   (i) Classification

....

....

....

   (ii) Taxonomy

....

....

....

   (b) State the name given to   *(2mks)*

   (a) Taxonomic unit
....

   (ii) Many taxonomic units
....

7. Complete the table below showing classification of maize, beans and human beings.

   (15 marks)

Taxonomic unit	Human being	Maize	Beans
Kingdom			

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
4

Phylum			
Class			
Order	Primate	Gaminates	Rosale
Family	Hominidae	Graminae	Luguminosae
Genus			
Species			

8. Giving **one** example of an organism in each case, list the five kingdoms of living organisms.

(10mks)

    (a) Kingdom Monera

....

    (b) Kingdom

Protoctista..

    (c) Kingdom Fungae

....

    (d) Dingdom Plantae

....

    (e) Kingdom Animalia

....

9. (a) State the difference between common names and scientific names of living organisms.

(2 mks)

    Common names

....

      ....

    Scientific names

....

      ....

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
5

(b) The scientific name of human being is Homo Sapien. Identify two mistakes made in the way this

   name is written.   *(2mks)*

....

....

....

(c) State two other principles/ruler of writing scientific names.   *(2 mks)*

....

....

....

10. (a) Use a relevant diagram to illustrate the hierarchy of classification.

(b) Define the term species.   *(2 mks)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
6

....

....

....

11. (a) in each case state one external features used in:

(2mks)

(i) Classify plants...

(ii) Classify animals

....

12. Distinguish between locomotion and movement as used in biology

(2mks)

....

....

....

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
7

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………**Adm No**……………**Class**…………

School ……………………………………………………

Candidate's Signature …………………….

GRAND TOTAL
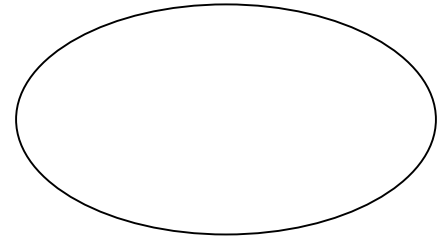
BUSINESS STUDIES

END OF TERM EXAM

TIME: 1 HR 30 MIN

INSTRUCTIONS: *Answer all questions in the spaces provided*

1. State four characteristics of a good   *(4 marks)*

   a) ………………………………………………………………………………………
   ……………………………………………

   b) ………………………………………………………………………………………
   ……………………………………………

   c) ………………………………………………………………………………………
   ……………………………………………

   d) ………………………………………………………………………………………
   ……………………………………………

2. State the reward for each of the following factors of production   **(4 marks)**

	Factor	Reward
a)	Land	
b)	capital	
c)	Entrepreneur	

	Labour	

3. Highlight five sources of business ideas   (5 marks)

   a) …………………………………………………………………………………………

   ………………………………………

   b) …………………………………………………………………………………………

   ………………………………………

   c) …………………………………………………………………………………………

   …………………………………………

   d) …………………………………………………………………………………………

   …………………………………………

   e) …………………………………………………………………………………………

   …………………………………………

4. Outline for reasons why a business plan is important   (4 marks)

   a) …………………………………………………………………………………………

   …………………………………

   b) …………………………………………………………………………………………

   …………………………………………

   c) …………………………………………………………………………………………

   …………………………………………

   d) …………………………………………………………………………………………

   …………………………………………

5. Highlight four reasons why a person may decide to establish a business.

                                                                          (4 marks)

   a)…………………………………………………………………………………………

   …………………………………………

b)…………………………………………………………………………………………………
………………………………………
c)…………………………………………………………………………………………………
…………………………………………
d)…………………………………………………………………………………………………
………………………………………

6. Give four problems that consumers may encounter as they try to satisfy their

wants   *(4 marks)*

a)…………………………………………………………………………………………………
………………………………………
b)…………………………………………………………………………………………………
………………………………………
c)…………………………………………………………………………………………………
…………………………………………
d)…………………………………………………………………………………………………
…………………………………………

7. Janet says she would like to become a successful entrepreneur. Advice her on

five qualities that she must have in order to achieve this objective.   *(5 marks)*

a) …………………………………………………………………………………………………
………………………………………
b) …………………………………………………………………………………………………
………………………………………
c) …………………………………………………………………………………………………
………………………………………
d) …………………………………………………………………………………………………
…………………………………………

3

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

e) ………………………………………………………………………………………………
………………………………………………………

8. State four characteristics of economic resources   *(4 marks)*

   a) ………………………………………………………………………………………………
………………………………………………

   b) ………………………………………………………………………………………………
………………………………………………

   c) ………………………………………………………………………………………………
………………………………………………

   d) ………………………………………………………………………………………………
………………………………………………

9. Give four ways that a student can benefit from studying business as a subject

                                                                     (4 marks)

   a) ………………………………………………………………………………………………
………………………………………………

   b) ………………………………………………………………………………………………
………………………………………………

   c) ………………………………………………………………………………………………
………………………………………………

   d) ………………………………………………………………………………………………
………………………………………………

10. Highlight four characteristics of land as a factor of production   *(4 marks)*

   a) ………………………………………………………………………………………………
………………………………………………

   b) ………………………………………………………………………………………………
………………………………………………

   c) ………………………………………………………………………………………………
………………………………………………

d) …………………………………………………………………………………………………

……………………………………………

11. Define the following terms as used in business studies   (4 marks)

   a) Production

   …………………………………………………………………………………………………

   ……………………………………………………………………………………..................

   ....

   b) Distribution

   …………………………………………………………………………………………………

   …………………………………………………………………………………………………

   ……………………………………………………………………………………….

   c) Services

   …………………………………………………………………………………………………

   …………………………………………………………………………………………………

   ……………………………………………………………………………………

   d) Accounting

   …………………………………………………………………………………………………

   …………………………………………………………………………………………………

   ……………………………………………………………………………………

12. Highlight four factors that contribute to success of a business venture   (4 marks)

   a) …………………………………………………………………………………………………

   ……………………………………………

   b) …………………………………………………………………………………………………

   ……………………………………………

   c) …………………………………………………………………………………………………

   ……………………………………………

   d) …………………………………………………………………………………………………

   ……………………………………………

13. Indicate whether each of the following factors is an internal or an external business environment (4 marks)

	Factor	Environment
a)	Size of population	
b)	Managers	
c)	Physical facilities	
d)	Competitors	

14. Give four characteristics of basic wants (4marks)

a)…………………………………………………………………………………………
………………………………………

b)…………………………………………………………………………………………
………………………………………

c) …………………………………………………………………………………………
………………………………………

d) …………………………………………………………………………………………
…………………………………………

15. Highlight five factors that may hinder entrepreneurship development an a country (5 marks)

a)…………………………………………………………………………………………
………………………………………

b)…………………………………………………………………………………………
………………………………………

c) …………………………………………………………………………………………
………………………………………

d) …………………………………………………………………………………………
…………………………………………

e) …………………………………………………………………………………………………

………………………………………………

16. Highlight four resources that a business can use to enhance its operations

(4marks)

a) …………………………………………………………………………………………………

………………………………………………

b) …………………………………………………………………………………………………

………………………………………………

c) …………………………………………………………………………………………………

………………………………………………

d) …………………………………………………………………………………………………

………………………………………………

17. Write down four factors that one should consider when evaluating a business

opportunity *(4 marks)*

a) …………………………………………………………………………………………………

………………………………………………

b) …………………………………………………………………………………………………

………………………………………………

c) …………………………………………………………………………………………………

………………………………………………

d) …………………………………………………………………………………………………

………………………………………………

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………Adm No……………Class…………

School …………………………………………………….

Candidate's Signature ……………………

CHEMISTRY

FORM 1   **GRAND TOTAL**
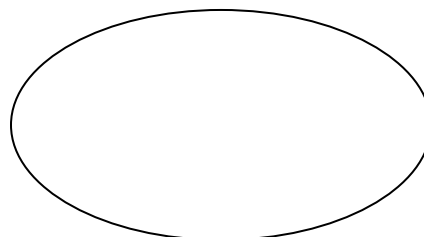
INSTRUCTIONS.

Answer all the questions in the spaces provided.
   1. Name the elements present in the following compounds.
   a. Sodium bromide   *(2mks)*

…………………………………………………………………………………………
…………………………………………………………………………………………

   b. Lead oxide   *(2mks)*

…………………………………………………………………………………………
…………………………………………………………………………………………

2. The curves below represent the variation of temperature wit time when pure and impure sample of a solid were heated separately.
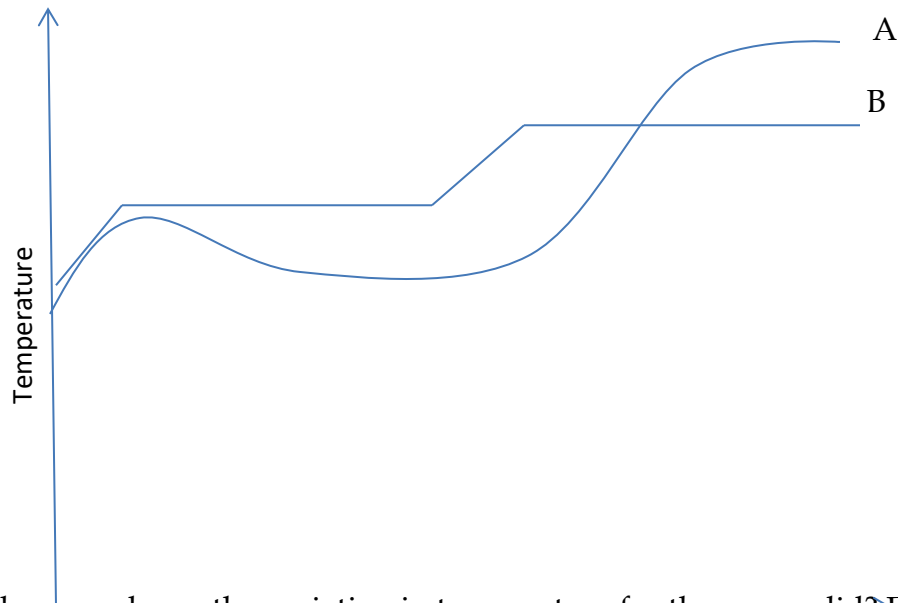
a. Which curve shows the variation in temperature for the pure solid? Explain? *(2mks)*

………

………

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

………

………

3. State any three differences between luminous and non-luminous flames. *(3mks)*

………

………

……
……

b) Explain how the hotness of a Bunsen burner flame can be increased.
(1mk)

……
……

4. Give three reasons as to why laboratory apparatus are made of glass.
(3mks)

……
……
……
……

5. Write a word equation for the reaction between;
   i.   Carbon and oxygen   *(1mk)*

……
……

   ii.   Sodium and sulphur   *(1mk)*

……
……

   iii.   Copper and chlorine   *(1mk)*

3

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

....
....

6. Define the following;
    i.   Drug abuse   *(1mk)*

....
....

    ii.   Prescription   *(1mk)*

....
....

    iii.   Name two commonly abused drugs.   *(2mks)*

....
....

7. State three difference between compounds and mixtures.   *(3mks)*

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

8. The diagram below shows a set up that was used by a student to separate a mixture of water and ethanoic acid. Study it and answer the questions that follow. (Boiling point water = $100^O C$, ethanoic acid = $118^O C$)

4

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185
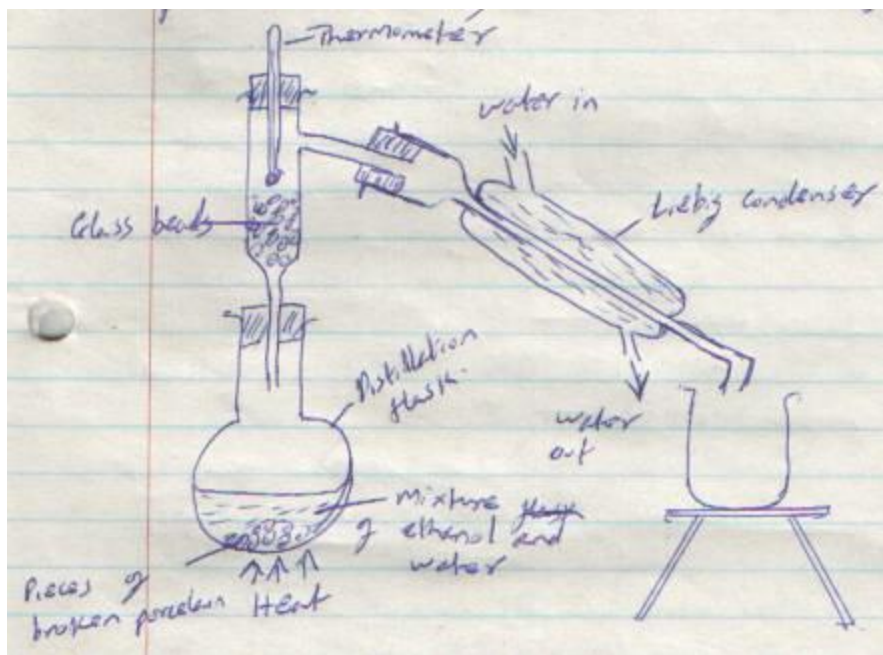
a. State one mistake in the set up. *(1mk)*

………………………………………………………………………………………………………
………………………………………………………………………………………………………

Which component of the mixture will be collected first and why?

………………………………………………………………………………………………………
………………………………………………………………………………………………………
(2mks)

b. State two chemical test that you can carry out to identify the component you stated in (b) above. *(2mks)*

………………………………………………………………………………………………………
………………………………………………………………………………………………………

c. What are the roles of the following; *(3mks)*

5

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

i.   Thermometer

ii.   Liebig condernser

iii.   Pieces of broken porcelain

d. Why is it preferable for the distillation flask to be round- bottomed rather than flat bottomed rather than flat bottomed.   *(1mk)*

e. At what point does one know that all of the first fraction has been removed from the distillation flask. Explain.   *(2mk)*

9. State a simple method that you can use to separate a mixture of iron fillings and sulphur powder.   *(1mk)*

b. A mixture of iron and sulphur was heated strongly until it glowed red throughout and then left to cool. Explain why you cannot obtain iron and sulphur from the product. Using the method you stated in (a).   *(2mks)*

10. Explain why a candle flame is not suitable for heating in the laboratory.

                                                (1mk)

b. Besides a Bunsen burner, name one other apparatus that can be used conveniently for heating in the laboratory. *(1mk)*

11. State four characteristics of permanent chemical changes. *(4mks)*

……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………

12. Explain the differences between solid, liquid and gaseous state using the thermostatically mode of mater in terms of the kinetic theory. *(6mks)*

……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………
……………………………………………………………………………………………………

13. The diagram below shows the heating curve of a pure substance. Study it and answer the questions that follow.
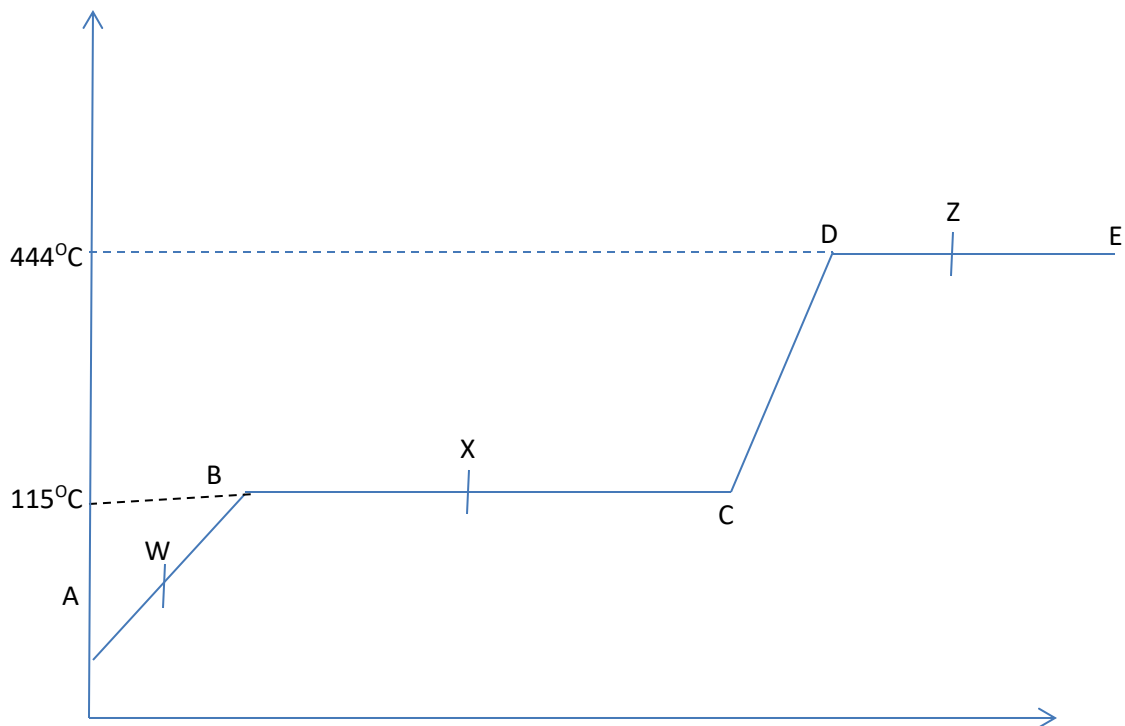
a. What physical changes are taking place at point: *(2mks)*

   X

   Z

b. What is the physical status of the substance at points?   *(2mks)*

   W

   Y

c. What happens to the temperature between point: *(1mk)*
   AB

   BC

   CD

14. What is sublimation? *(1mk)*

………
………

State four substances that undergoes sublimation. *(4mks)*

………
………
………
………
………
………

15. Study the table below and complete it. *(3mks)*

Element	Latin name	Symbol
Potassium	Kelium	
	Natrium	Na
Gold		
Iron	Ferrum	
	Plumbum	Pb
Copper		Cu

16. What is a flame? *(1mk)*

17. Name three apparatus for measuring volume. *(3mks)*

……
……
……
……
……
……

FORM 1 END TERM 1 SET 1 EXAM 2023

Name………………………………………………..Adm No……………Class…………

School ……………………………………………………….

Candidate's Signature …………………….

CRE

FORM 1

GRAND TOTAL
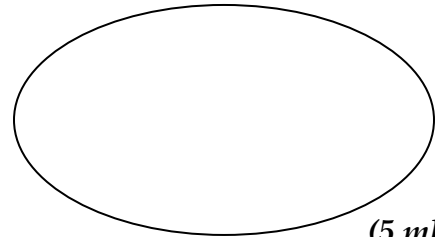
1. Define the following term: **(5 mks)**
   a. Bible

   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   …………………………………………………………………………….

   b. Covenant

   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   ………………………………………………………………………….

   c. Apocrypha

   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   …………………………………………………………………………………..

   d. Vulgate

   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   ………………………………………………………………………………..

2. Outline the differences between the first and second account of creation **(6mks)**

   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………
   ……………………………………………………………………………………………………

………
………
………
………
………
………
………
………
………
………………………………………………

3. Outline the attributes of God from the creation accounts **(5mks)**

………
………
………
………
………
………
………
………

4. State the national goals of education that deals with the improvement of life **(7 mks)**

………
………
………
………
………
………
………
………
………
………
…………………………………………………………………………………………

5. State five different occasions when Christians use the bible **(6mks)**

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

……
……
……
……
……
……
……
……
……
………………………………………….

6. Explain the stages of Bible translation from original language to local language   *(8mks)*

……
……
……
……
……
……
……
……
……
……
……
……
……
……
……
……
……
………………………………………….

7. List down the deuteron-canonical books   *(5mks)*

……
……
……
……
……

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

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

8. Describe how Abraham demonstrated his faith in God   *(7mks)*

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

9. Identify the conditions given by God to Abraham concerning circumcision   *(6mks)*

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

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

10. Identify the forms of modern covenant   (5mks)

……
……
……
……
……
……
………………………………………………………………………………………..

11 .State the causes of evils in tradition African society   (6mks)

……
……
……
……
……
……
……
……
……
……………………………………………………….

12. State the importance of God's promises to Abraham to Christians today   (6mks)

……
……
……
……
……
……
……
……
……
……
………………………………………………………………………………………………

**Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185**

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………**Adm No**……………**Class**…………

School …………………………………………………

Candidate's Signature ……………………

ENGLISH

FORM 1

GRAND TOTAL
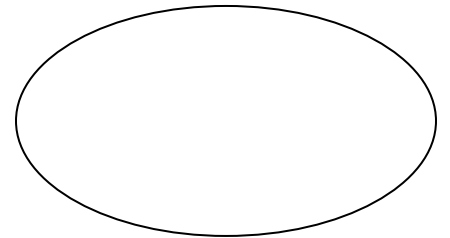
<u>**CLOZE TEST**</u> *(10mks)*

Our bodies …..............1...always sending silent messages to the people

around…2……………. . Our postures, our movements, our gestures

…3………………the expression on our faces can all …4………………meaning for

onlookers. Postures suggest attitudes. Movements simplify and adjust …5……………

positions in relation to people …6……………… objects. Gestures are signals which

indicate ……7……………..emphasize our desires and feelings. Facial

…8…………………..reveals impression and emotions. This kind

…9……………..communication is …10………………… body language or non- verbal

communication.

<u>**COMPREHENSION**</u> *(15mks)*

CHIEF ULLIN'S DAUGHTER

Heavy dark clouds were gathering in the late afternoon sky. There was stillness in the

air, a stillness that threatened a storm.

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

The boatman who rowed people across the lake was making fast his boat when a young man and woman approached him in a great hurry. They were desperate to cross the lake, they said, and urged him to take him to take them. He shook his head and pointed to the sky. He told them that the storm was soon coming and that they should wait until it blew over. It would be dangerous to take his small rowing boat out on the lake.

All the time he was talking, the young couples were nervously looking behind them. Kathure, the young man, pleaded with the boatman to take them and offered him a purse of silver coins. He told the boatman that he and Jackline, the young woman, were in love and were determined to marry. Her father was Chief Ullin and he wanted to marry Jackline off to a neighboring chief, a man she did not love. The chief was at that moment pursuing them. They must cross the lake to be safe.

The boatman knew of Chief Ullin's fiery temper and how he would kill the young man if he caught him. He could also see how very much in love the young couples were.

Just then the boatman's son, Eric, came. He was a strapping young man who helped his father. He was told the story of the young couple and sympathized with their plight.

The young woman spoke up. She would rather, she said, face the turbulent waters than meet the wrath of her angry father. Tears welled upon her eyes. Never, she protested, would she marry a man she did not love.

The boatman was touched by her appeal and told his son that he had decided to row the couple across- not for money, but because he admired their courage and love. Eric looked anxiously at his father. A storm was certainly coming, he warned. It would be far too risky.

However, his father was already herding his passengers into his boat. When they were both seated he untied the rope and made to get in himself. Suddenly Eric pulled his father away and leapt into the boat, took up the oars and began to row away.

His father, when he had recovered his breath, shouted for his son to come back. His wife, on hearing the shouts, ran down the lake's edge. Seeing her son rowing away over the stormy water, she screamed for him to return. The threatening wind whipped her words away.

Towards the lake a group of armed men came. It was the chief with his warriors. He was angry, but when he saw his daughter out on the lake being tossed by angry waves he was terribly afraid. He bellowed that he forgave them and that they should return.

It was in vain. As he shouted the waves capsized the little craft and its three young occupants were drowned as the old people watched.

(From the skills of English, Oxford University press)

Questions

1. What was the boatman doing when the young couple went to him*? (1mk)*

……
……
……
……
…………………………………………………………………………………..

2. Why did the boatman initially refuse to take the young man and woman across the lake?

(2mks)

……
……
……

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi. Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

....

....

3. Why was the young couple in a hurry to cross the lake?   *(2mks)*

....

....

....

....

....

4. Explain why the boatman decided to row the couple across the lake in spite of
    the bad weather.   *(2mks)*

....

....

....

....

....

5. Provide a possible reason why Erick decided to row the young couple across the
    lake instead of his father.   *(2mks)*

....

....

....

....

....

6. Why did chief Ullin pursue the young couple?   *(1mk)*

....

....

**Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT**

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

………
………………..

7. Give evidence from the passage to support the proverb 'love is blind' *(2mks)*

………

………

………

………

……………………………………………………………………………………..

8. Explain the meaning of the following words as used in the passage *(3mks)*

    a. Capsized……………………………………………………………………………

    …………………………………………………………………………………………………

    …………………………………………………………………………………………………

    …………

    b. Turbulent……………………………………………………………………………

    …………………………………………………………………………………………………

    …………………………………………………………………………………………………

    ……….

    c. Bellowed……………………………………………………………………………

    …………………………………………………………………………………………………

    …………………………………………………………………………………………………

    ……….

GRAMMAR (15mrks)

Complete the sentences by supplying the correct possessive pronouns *(3mks)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi. Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

1. This desk belongs to me. It is …………………..
2. The dress belongs to Nankya. It is …………………….
3. These quotes are by Professor Wangari Maathai. They are ………………….

Fill in the gaps with the correct article   *(2mks)*

1. The teacher said that that was ………….good advice.
2. The old king died without naming……………..heir to his throne.

Provide a word that is pronounced the same as the following   *(3mks)*

   I.   Know ………………………
   II.   Father …………………………..
   III. Tail ………………………………

Choose the correct option from those given in brackets.   *(3mks)*

   i)   I'm sure he wouldn't mind if we _____ early. (Arrive/arrived)

   ii)   If she _____ (comes/came) late again, she'll lose her job.

   iii) _____ (we will/we would) call you if we had time.

Rewrite the words by providing the plural form of each   *(4 mks)*

   I.   Goose …………………………………..
   II.   Mouse …………………………………..
   III. Radius ………………………………….
   IV.   Sheep …………………………………..

ORAL SKILLS (10mks)

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi. Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

I. Define Oral Literature   *(2mks)*

…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
………………………………………………………………………………

II. With examples, name three categories of the genres of Oral Literature *(6mks)*

…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
……………

III. Give any two qualities of a good story teller   *(2mks)*

…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………
…………………………………………………………………………………………………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi. Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT

www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………..Adm No……………Class…………
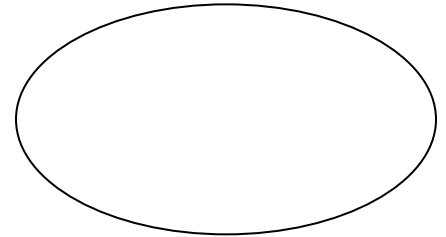
School …………………………………………………

Candidate's Signature ……………………

ENGLISH

COMPOSITION

GRAND TOTAL

COMPOSITION (20mks)

Instructions: Begin your composition with the following words,

It was my first day, first lesson in high school. The English teachers' footsteps could be heard far away from the door………………………………………………….

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………………**Adm No**……………**Class**…………

School ……………………………………………………

Candidate's Signature …………………….

GEOGRAPHY

FORM 1

GRAND TOTAL
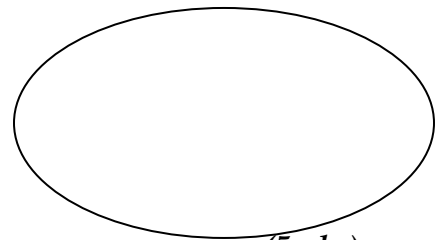
1. Give importance of studying geography   *(5mks)*

……

……

……

……

……

2. Name branches under physical Geography   *(5mks)*

……

……

……

……

……………………………………………………………………………… … … … … … …

3. *List five heavenly bodies that comprises of the solar system*   *(5mks)*

……

……

……

……

……

4. Define the following terms

A) Natural satellite   *(1mk)*

……

……

B) Asteroid   *(1mk)*

……

……

c) Meteor   *(1mk)*

……

……

5. Describe the passing star theory   *(5mks)*

……

……

……

……

……

6. Name the two layers of discontinuity of interior of the earth   *(2mks)*

……

……

7. Name the forces responsible for the shape of the earth   *(3mks)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

………

………

………

8. Outline five proofs that the earth is spherical   *(5mks)*

………

………

………

………

………

9. Name the major latitudes of the world

     (5mks)

………

………

………

………

………

10. Differentiate between rotation and revolution of the earth

     (2mks)

………

………

11. State five effects of the movement of earth on its axis   *(5mks)*

………

………

………

………

………

12. If local time at Tekoa 40°W is 2:00pm, calculate local time at kapkiam 70°W   *(3mks)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

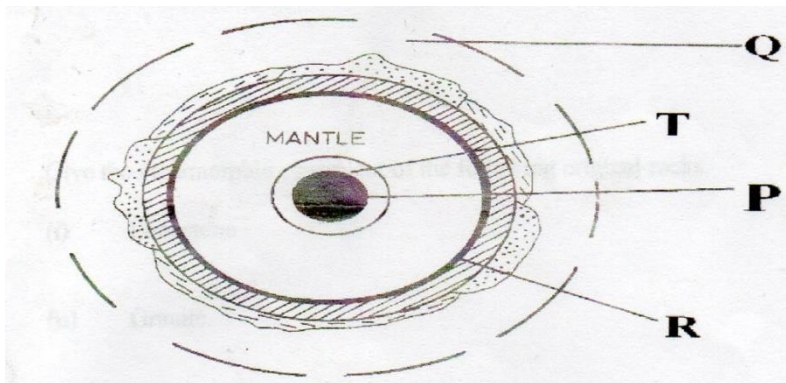13. If local time at Kansas 80ºE is 6.00am, determine the longitude of Timbuktu if its local time is 11:40am   *(5mks)*

14. State two characteristics of summer solstice   *(2mks)*

………

………

15. Study the diagram below and answer the questions that follow.

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

A) Name parts marked P, Q, R   (3mks)

………

………

………

b) Give dominant minerals in regions marked T

     (2mks)

………

………

16. Identify elements of weather that can be observed in a school weather station   (3mks)

………

………

………

17. Name any two major forms of precipitation   (2mks)

………

………

18. With an aid of a diagram, differentiate between land breeze and sea breeze   (5mks)

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

FORM 1 END TERM 1 SET 1 EXAM 2023

Name………………………………………………..Adm No……………Class…………

School …………………………………………………..

Candidate's Signature …………………..

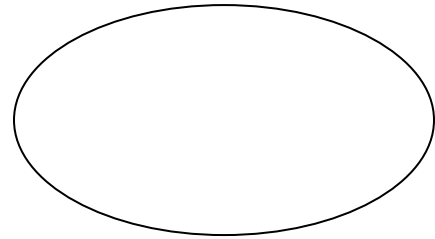**HISTORY**

FORM 1

GRAND TOTAL

ANSWER ALL THE QUESTIONS
SECTION A (40 Marks)

1. Give five Importance of studying government. **(5mks)**

……
……
……
……

……
……

……
……

2. State three Advantages of oral traditions as a source of information. **(3mks)**

……
……

……
……

3. Give three Reasons for the beginning of agriculture **(3mks)**

……
……

………

………

………

4. Identify five method used by archaeologist to determine the age of an artifact.   *(5mks)*

………

………

………

………

………

………

………

………

5. Give the main reason why the period of early man is referred to as the Stone Age.   *(1mk)*

………

………

6. State five reasons why early people domesticated crops and animals during the Neo-lithic period   *(5mks)*

………

………

………

………

………

………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

……
……

7. State three Methods used by archaeologists and paleontologists in discovering a historical site.

(3mks)

……
……

……
……

……
……

8. State two distinct characteristics of Homo Erectus. *(2 mks)*

……
……

……
……

9. Give the name of the tools made by early man during the New Stone Age period *(1 mk)*

………
………

10.) State three uses of stone tools by early people during the Old Stone Age period. *(3mks)*

……
……
……
……

……
……

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

11. Identify the main source of information on Pre-history. *(1 mk)*

………
………

12. Name two sources of information on History and Government *(3mks).*

………
………

………
………

13. Name one of the earliest inhabitants of Kenya. *(1mk)*

………
………

14. Name one source of information on the creation theory. *(1 mk)*

………
………

15. Give one reason why early man lived on trees. *(1mk)*

………
………

16. Identify three disadvantages of written sources of information on history and government of Kenya.

………
………
………
………

………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

(3 mks)

17 a) State 5 factors that led to Agrarian Revolution in America.   *(5mks)*

………
………

………
………

………
………

………
………

………
………

b) Explain five Impact of early agriculture in Mesopotamia   *(10mks)*

………
………

………
………

………
………

………
………

………
………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

……
……

18. a) Identify three sub-species of Homosapiens.   *(3mks)*

……
……

……
……

……
……

b) Describe the way of life of human being during his middle Stone Age.   *(12mks)*

……
……

……
……

……
……

……
……

……
……

……
……

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

………
………

19) (a) Five reasons that led to the migration of the Cushites from their original homeland into Kenya during the pre-colonial period. **(5mks)**

………
………

………
………

………
………

………
………

(b) Explain five causes of food shortages in Africa today. **(10mks)**

………
………

………
………

………
………

………
………

………
………

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

……

……

……

KISWAHILI KIDATO CHA KWANZA
MWISHO WA MUHULA WA KWANZA

USHAIRI

Ukimwi vielelezo, vyake vinoendeleza,
Mtu hasa ni wa mwanzo, Yule asojituliza,
Hupata maambukizo, wengine kuwarukiza,
Hiyo njia mojawapo, inosambaza ukimwi.

Damu nayo huchangiya, pasi na kuichunguza,
Tenye vidudu vibaya, mwengine kumuongeza,
Kuona wasaidiya, kumbe wamuangamiza,
Na hilo ni mojawapo, lisambazalo ukimwi

Shidano kutochemsha, hata nahilo laweza,
Ukimwi kusababisha, kwengine kuufikiza,
Kuona wasalimisha, na huku wadidimiza,
Hiyo ni njia, yatatu, kutapakaza ukimwi.

Tuwe nayo tahadhari, hayana kujikimbiza,
Ni ugonjwa wa tahari, waganga wanaeleza,
Tuufate ushauri, ule wa kujituliza,
Hii ndio njia bora, kujikinga na ukimwi

1. Toa kichwa mwafaka acha ushairi huu   *(Al 2)*

………
………

2. Shairi hili ni la aina gani? Eleza sababu.   *(Al2)*

………
………
………

3. Eleza vina vya ubeti wa pili.   *(Al2)*

………
………
………

4. Andika mizani ya ubetu wa tatu mshororo wa pili.   *(Al2)*

………
………
………

5. Ni mambo yepi yanayosambaza ugonjwa wa ukimwi kulingana na ushairi huu.   *(Al2)*

   MATUMIZI YA LUGHA

6. ..
   a) Tofautisha kati ya irabu n akonsonanti. *(Al 2)*

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

   b) Taja kipasuo hafifu cha mdomo *(Al 1)*

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

   c) Tofautisha kati ya konsonanti (r) na (l) *(Al 2)*

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

7. Tunga sentensi zenye miundo hii *(Al 4)*
   a) I + N + T + E

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

   b) N + V + T + E + E

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

8. Eleza dhima tatu za lugha *(Al 3)*

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

9. .
   a) Bainisha viambishi awali na viambishi tamati katika sentensi zifuatazo. *(Al 2)*
   Analima

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

   Wanacheza

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

   b) Kiambishi ni nini? *(Al 1)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

………
………
………
……

10. Taja matumizi ya alama hii ya kuakifisha (:) kwa kutoa mifano katiak sentensi   *(Al 3)*

……
……
……
……
……
……
……

11. Ukitaka kupata maana ya maneno yafuatayo kwenye kamusi utatazama neno gani?   *(Al 2)*
    a) Alimkibilia

………
………..

    b) Kilivunjika

………
………
………
………

12. Taja aina tatu za maktaba   *(Al 3)*

………
………
………
………

13. .
    a) Je, Kiimbo ni nini?   *(AL 1)*

………
………

    b) Onyesha matumizi matatu ya kiimbo.   *(Al 3)*

………
………
………
………
………
………
………
………

14. .
    a) Ngeli ni nini?   *(Al 1)*

………
………

    b) Maneno haya yako katika ngeli zipi?   *(Al 2)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

i)   Mbuyu

……
……
……
……

ii)   Chetezo

……
……
……
……

SEHEMU CHA (C) – ISIMU JAMII

15. .
a) Eleza maana ya maneno yafuatayo.   *(Al 2)*
    i)   Isimu jamii

……
……
……
……

ii)   Sajili

……
……
……
……

b) Taja kaida tatu za lugha.   *(Al 3)*

……
……
……
……
……
……

16 Soma makala yafuatayo kasha ujibu maswali yanayofuata.
Mhusika A: Karibu kastoma nikuuzie. Hujambo?
Mhusiak B: Salama ndugu. Naomba uniuzie.
Mhusika A: Chagua, kila kitu kipo. Bei nafuu, bei ya kuelewana, vitu fresh.
Mhusika B: Debe moja la viazi vitamu wauzaje?
a) Tambua sajili hii.   *(al 1)*

……
……
……
……

b) Eleza sifa nne za sajili uliyoitambua.   *(Al 4)*

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

………
………
………
………
………
………
………
………
………
………
………
………
………
………
………

JINA………………………………………DARASA……………..NAMBARI …………..

INSHA-KISWAHILI KIDATO CHA KWANZA

MWISHO WA MUHULA WA KWANZA

Mwandikie rafikiyo mliyesoma naye barua ukimwelezea mambo mbalimbali kuhusu shule yako mpya ya upili (Alama 20)

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

FORM 1 END TERM 1 SET 1 EXAM 2023

Name………………………………………………**Adm No**……………**Class**…………

School …………………………………………………

Candidate's Signature …………………….

MATHEMATICS

FORM 1

GRAND TOTAL
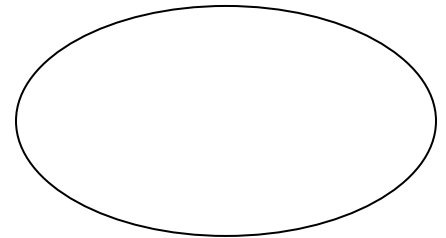
1. Write in words 27707807. *(1mk)*

2. The sum of three consecutive whole numbers is 84. Find the numbers. *(3mks)*

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

4. Use the number line to perform the following operations.

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

b) (+1)-(-8)

                                                                (1mk)

c) (-3)+(-4)

                                                                (1mk)

5. If x=-2, y=-6 and z=4, find the values of:

a)2y-3x+z   *(2mks)*

b)$\frac{4xy}{z}$ *(2mks)*

6. Solve $\frac{2}{5}$ of $\left(6\frac{2}{5} - \frac{1}{2}\left(1\frac{2}{3} + \frac{1}{3}\right) \times \frac{1}{5}\right)$

                                                                (3mks)

7. A farmer has 165 orange trees on his farm. 38 trees have 97 oranges each, 79 trees have 176 oranges each, the rest have 59 oranges each. How many oranges are there altogether? *(3mks)*

8. Express $\frac{x+1}{2} - \frac{x-1}{3}$ as a single fraction *(3mks)*

9. Given that $1.0\dot{5} = 1\frac{a}{b}$. Find the value of a and b *(3mks)*

10. On a certain day, a student measured the temperature inside a deep freezer and found that it was $-3°c$ while the room temperature was $24°c$. What was the temperature difference between the room and the deep freezer?

(2mks)

11. Using tables find the:

a) Square of 4.973

(2mks)

b) Square root of 0.146

(2mks)

12. An integer p is two-thirds of another and their difference is 10. Find the two integers.   *(3mks)*

13. Check whether 7544 is divisible by 6   *(3mks)*

14. Write the following in standard form:

a) 0.00121

b) 4521.021

15. Evaluate $\frac{0.17 \times 1.05 + 0.32}{4.5 \times 0.08 - 0.089}$ correct to three decimal places.   *(4mks)*

16. Find the square root of 1764 using factor method.   *(3mks)*

17. Remove the brackets and simplify.

$2b + a[3 - 2(a - 5)]$ *(3mks)*

18. a) Three bells ring at intervals of 6minutes, 5minutes and 8minutes, if they rang first at 9.15 am, find when they will ring for

FORM 1 END TERM 1 SET 1 EXAM 2023

Name……………………………………………**Adm No**……………**Class**…………

School ……………………………………………………

Candidate's Signature ……………………

PHYSICS

FORM 1

GRAND TOTAL
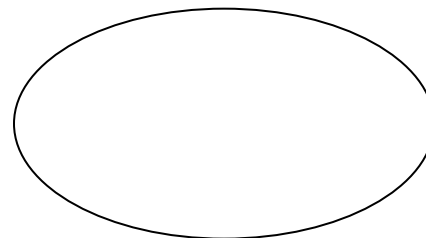
PHYSICS FORM ONE

Take g=10N/kg

Answer All questions in the spaces provided.

1. List 3 branches of physics. **(3mks)**

2. Explain the relationship between physics and Geography. **(2mks)**

3. Explain how you would estimate the circumference of a curved object using a thread and a ruler. **(4mks)**

4. (a) The mass of a density bottle of $50cm^3$ is 10.0g when empty. Aluminium turning are poured into the bottle and the total mass is 60.0g. Water is then added into the turnings till the bottle is full. If the total mass of the bottle and its contents is 90g, calculate the density of Aluminium. **(4mks)**

(b) State three characteristics of a solid whose volume is to be determined by displacement method   *(3mks)*

5. (a) Name the three different types of forces that act on a block of wood when placed on a table.   *(3mks)*

    (b) State and explain the factors that affect surface tension.   *(2mks)*

6. (a) Give five differences between mass and weight.   *(5mks)*

MASS	WEIGHT

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185

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

7. (a) Define the term pressure and state its SI unit. *(2mks)*

(b) Explain why a camel is able to walk on deserts and cannot sink in sand. *(2mks)*

(c) A brick 30cm long 20cm and 5cm thick has a mass of 500g. Determine the;

i. Greatest pressure that can be exerted by the brick on the flat surface. *(2mks)*

ii. Least pressure exerted by the brick. *(2mks)*

8. Calculate the weight of the following masses

a) 2kg *(1mk)*

b) 300000mg **(2 mks)**

9. (i) State the Pascal's principle. *(1mk)*

(ii) Calculate the pressure at the bottom of a jar 30cm tall and filled with kerosene of density 0.8g/cm³. *(3mks)*

(b) Explain how a Hydraulic brake system below works. **(5mks)**
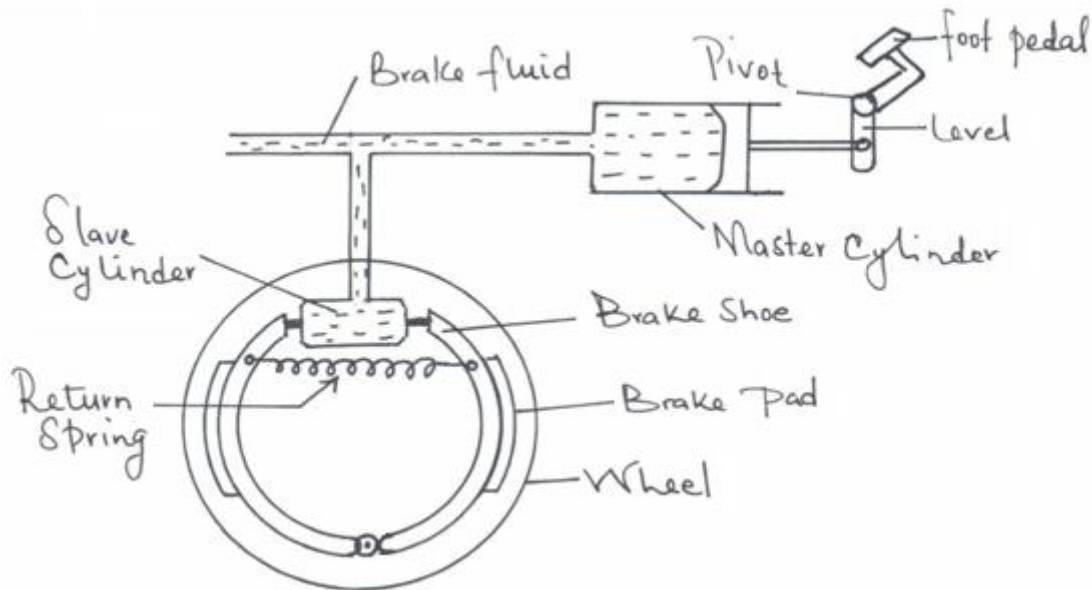
(c) A small force of 100N is applied on a small piston of area 0.25m² produces a bigger force on a larger piston of 10m². Calculate F_2. **(3mks)**

(d) Explain why water storage tanks in houses are erected as high as possible.
(2mks)

10. (a) Differentiate between cohesive forces and adhesive forces. *(2mks)*

(b) A body weighs 200N in air and 170N when submerged in water. Calculate the upthrust acting on the body. *(2mks)*

(c) When a glass window is wiped with a dry cloth on a dry day dust particles tend to stick on the window, identify the force responsible for this. *(1 mk)*

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

12. A block of glass of mass 187.5g is 5.0cm long, 2.0cm thick and 7.5cm high. Calculate the density of the glass kg/m^3. *(3mks)*

13. Express the following volumes in the units in brackets in:
   (a) 9000 cm^3 to (m^3) *(2mks)*

**Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185**

(b) 27mm^3 to (cm^3) **(2mks)**

14. State two effects of a force on a moving object **(2mks)**

Compiled and Distributed by Kenya Educators Consultancy, P.O.BOX 15400-00500, Nairobi.
Tel 0724333200 E-mail kenyaeducators@gmail.com. ORDER MARKING SCHEMES AT
www.kenyaeducators.co.ke or Contact 0724333200/0768321553/0795491185