EXCELLING STUDENTS FORM 1 END TERM 3 SERIES 1 EXAMS *(ALL SUBJECTS TESTED)*



EXCELLING STUDENTS FORM ONE END TERM THREE SERIES ONE EXAMS

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ORDER OF THE 14 SUBJECTS TESTED *(ALPHABETICALLY ARRANGED)*

1. **AGRICULTURE**
2. **BIOLOGY**
3. **BUSINESS STUDIES**
4. **CHEMISTRY**
5. **COMPUTER**
6. **C.R.E**
7. **ENGLISH**
8. **GEOGRAPHY**
9. **HISTORY**
10. **HOMESCIENCE**
11. **I.R.E**
12. **KISWAHILI**
13. **MATHS**
14. **PHYSCIS**

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EXCELLING STUDENTS FORM ONE

END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

AGRICULTURE (443)

FORM ONE (1)

TIME: 2 HOURS

Section A (60 marks)

Answer all the questions in this section in the spaces provided

1.State three advantages of drip irrigation **(3mks)**

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2. State four advantages of adding organic manure to a sandy **(2mks)**

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3.What is plantation farming system? **(2mks)**

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4. State the main characteristics of organic farming. **(2mks)**

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5. Distinguish between olericulture and pomoculture **(2mks)**

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6. State four reasons why agriculture is important to Kenya's economy **(2mks)**

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7. List four climatic factors that affect crop distribution in Kenya **(4mks)**

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8. Give two roles of macro-organisms in the soil that are beneficial to crops **(2mks)**

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9.(a) State three properties of soil that are influenced by its texture. **(3mks)**

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(b) Define the term soil structure **(2mks)**

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10. List down the four aspects of rainfall that affect agriculture. **(2mks)**

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11. State two causes of hard pan. **(2mks)**

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12. Give one use of each of the following hammers;

Ball pein hammer **(1mk)**

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Sledge hammer **(1mk)**

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13. State two maintenance practices that should be carried out on a wheel barrow **(2mks)**

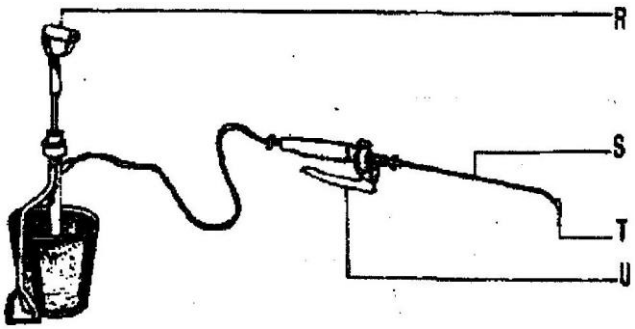
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14. The diagram below shows a farm equipment. Study it and answer the questions that follow



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i) Identify the equipment..... **(1mk)**

ii) Name the parts labeled

R ,..... (1mk)

S ,..... (1mk)

T..... (1mk)

U..... (1mk)

15 (a) State four reasons why use of fire in clearing land is discouraged. **(4mks)**

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(b) Outline three reasons why secondary tillage is carried out during land preparation **(3mks)**

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(c) State four main benefits of minimum tillage **(4mks)**

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(d) Give three maintenance practices carried on an ox – plough. **(3mks)**

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(e) Give four farming practices that may help in achieving minimum tillage. **(3mks)**

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16) State four methods used to maintain soil fertility **(4mks)**

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17. State two methods used in preventing water pollution**.** **(2mks)**

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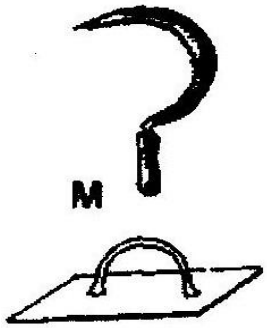
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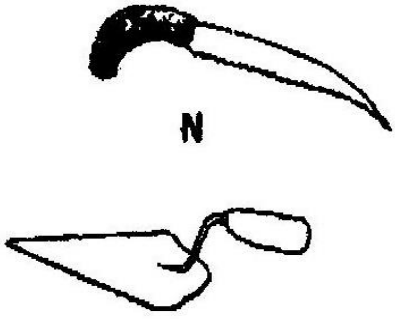
SECTION B (10 *MARKS)*

ANSWER ONE QUESTION ONLY FROM THIS SECTION IN THE SPACES PROVIDED

18. Diagrams M, N, P and Q represents some farm tools.



P



Q

i) Identify the tools; M,N,P and Q. **(4mks)**

M: .....

N: .....

P: .....

Q: .....

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ii) Give the use of each of the tools named above. **(4mks)**

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iii) State two maintenance practices that should be carried out on tool M. **(2mks)**

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19 a) State four reasons why land preparation should be done before planting **(4mks)**

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b) State factors which determine number of times secondary cultivation is done. **(4mks)**

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c) Define the term rolling as used in agriculture **(2mks)**

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SECTION C (10 MARKS)

Attempt one Question only from this section

20.a) State factors considered when choosing method to use in surface irrigation**.** **(3mks)**

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b) Outline **seven** importance of record keeping **(7mks)**

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21 a) Describe five main characteristics of indigenous cattle (Bos indicus*)* **(5mks)**

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b) Describe importance of drainage as a method of land reclamation. **(5mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

BIOLOGY (231)

FORM ONE (1)

Time: 2 *Hours*

INSTRUCTIONS TO CANDIDATES

(a) Write your name, admission number and school in the spaces provided above

(b) Sign and write the date of the examination in the spaces provided above

(c) Answer ALL the questions in the spaces provided on the question paper

(d) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

(e) Candidates should answer the questions in English

FOR EXAMINER'S USE ONLY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

17	18	19	20	21	22	23	24	GRAND TOTAL

1.State the name given to the study of the following **(2mks)**

(i) Studying of grasshoppers

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(ii) Study of similarities and differences in appearance among people in the extended family.

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2. (a) Name the products of complete hydrolysis of sucrose. **(1mk)**

……

……

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(b) What happens to these products named in (a) above, when they are excess in the body of man. **(2mks)**

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3.(a) State the roles of light in plant nutrition. **(2mks)**

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(b) Give a reason why glucose formed at the end of photosynthesis is converted at once into starch. **(1mk)**

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4. (a) State the formula for calculating linear magnification of a specimen when using a hand lens. **(1mk)**

(b) Give **one** functional advantage of use of the following microscopes. **(2mks)**

(i) Light Microscope

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(ii) Electron Microscope.

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(c) What is the importance of the following practices in biological preparation of the fresh specimen slides.

i) Cutting <u>very thin</u> sections **(1mk)**

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ii) Staining the cells using common dyes **(1mk)**

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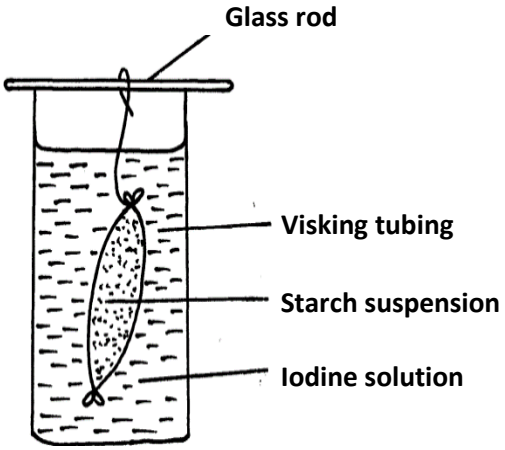
iii) Adding <u>a drop</u> of water on the cell **(1mk)**

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5.An investigation was set up as shown in the diagram below.



After 30 minutes, starch suspension had turned blue-black while iodine solution retained its colour.

(a) Name the physiological process that was being investigated in the experiment. **(1mk)**

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(b) Account for the results observed after 30 minutes. **(3mks)**

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6. Define the term osmosis**.** **(2mks)**

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7. (a) State the name given to the wave of contraction of gullet wall muscles. **(1mk)**

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(b)A certain mammal has no incisors, no canines, 6 premolars and 6 molars in the upper jaw.

In the lower jaw, there are 6 incisors, 2 canines, 6 premolars and 6 molars.

(i) Write down the dental formular of this mammal. **(1mk)**

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(ii) What is the mode of nutrition of this mammal? **(1mk)**

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8. The reaction represented by equation below occurs in the body

Hydrogen peroxide ⟶ Oxygen + Water

(a) Name enzyme **Z** **(1mk)**

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(b) Name an organ in the human body where this reaction occurs **(1mk)**

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(c) State the biological importance of the reaction above **(1mk)**

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9. State how each of the cells below are specialized to carry out their functions

(a) Palisade cell **(1mk)**

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(b) A sperm cell **(1mk)**

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10. State the functions of each of the following organelles.

(i) Ribosomes **(1mk)**

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(ii) Golgi apparatus **(1mk)**

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11. Name the bond that exists between amino acids during condensation process of forming proteins? **(1mk)**

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12. Explain how the following factors affect the rate of photosynthesis

(a) Concentration of carbon (IV) oxide. **(1mk)**

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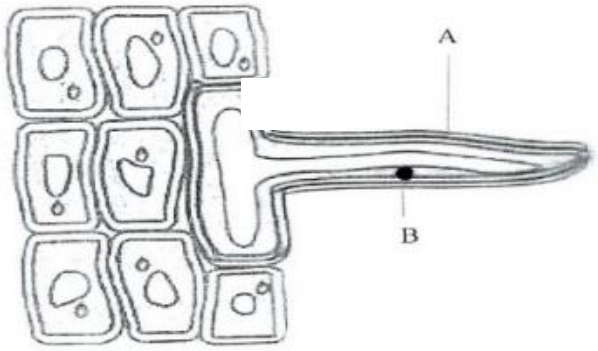
(b) Light intensity **(1mk)**

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13. Study the specialized cell illustrated below **(1mk)**



(i) Identify the cell **(1mk)**

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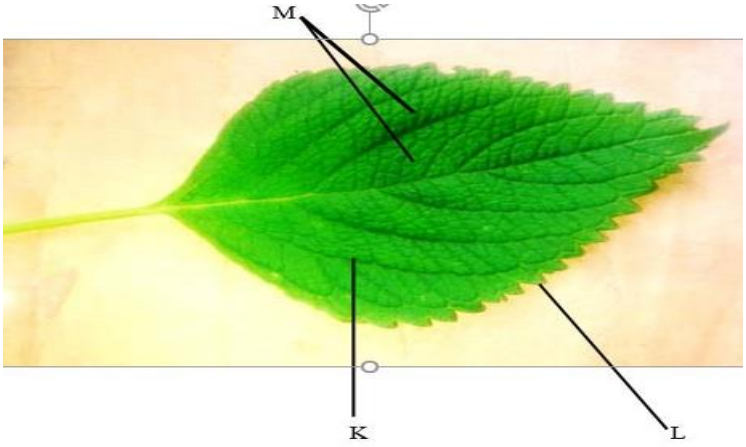
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(ii) Name the parts labelled **(2mks)**

A……

B……..

14. The photograph below represents an organ from a green plant.



a) Identify the organ**.** **(1mk)**

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b) Name the parts labelled M and L**.** **(2mks)**

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c) State the role of the structures labelled K. **(1mk)**

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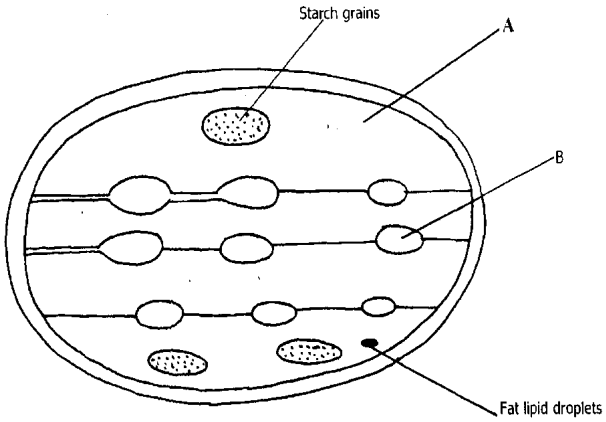
15. Some form one students wanted to collect the following animals for study in the Laboratory. State the suitable apparatus they should use.

i) Flying insects ..... **(1mak)**

ii) Crawling stinging insects ..... **(1mk)**

iii) Small animals from tree barks ..... **(1mk)**

16. Study the diagram below and answer the questions that follows



a) Label and name any two parts on the diagram. **(2mks)**

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b) What process takes place in the parts labeled A and B **(2mks)**

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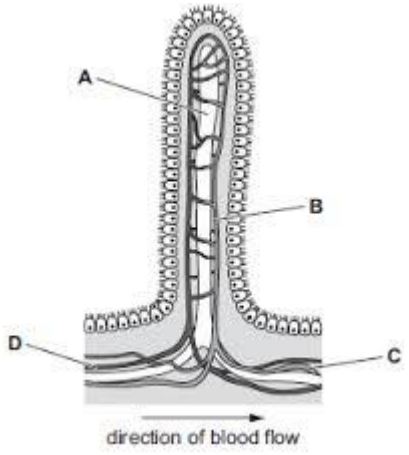
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17. A student estimated the diameter of a field of view to be 2.8mm. The diameter was occupied by four onion cells. Estimate in micrometers the diameter of onion cell. Show your working. **(2mks)**

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18. The diagram below represents structure found in the walls of ileum.



a) Identify the structure shown in the diagram. **(1mk)**

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b) Name parts labeled D and C. **(2mks)**

D .....

C .....

c) Name products of digestion which are absorbed into; **(2mks)**

A .....

B .....

d) State how the above structure is adapted to its function. **(2mks)**

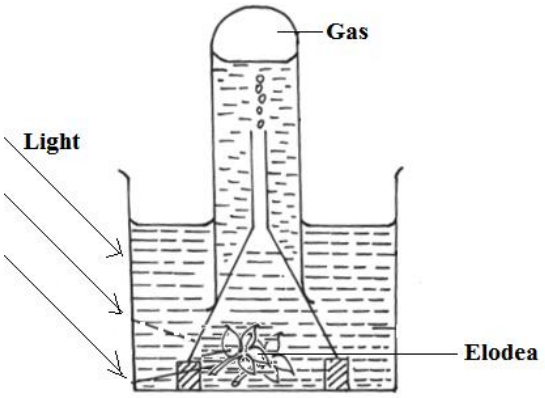
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19. The diagram below represents a set up that was used to investigate a certain process in a plant.



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(a) State the process that was being investigated. **(1mk)**

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(b) Give two reasons for using a water plant instead of plants that grow on land in this experiment. **(2mks)**

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20. Outline two roles of active transport in human beings. **(2mks)**

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21. Write the role of the following parts of microscope. **(3mks)**

i) Mirror

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ii) Diaphragm

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ii) Coarse adjustment knob

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22. Explain why plant cells do not burst when immersed in distilled water. **(2mks)**

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(a) State two functions of bile juice in the digestion of food? **(2mks)**

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(b) How does substances concentration affect the rate of enzyme reaction? **(1mk)**

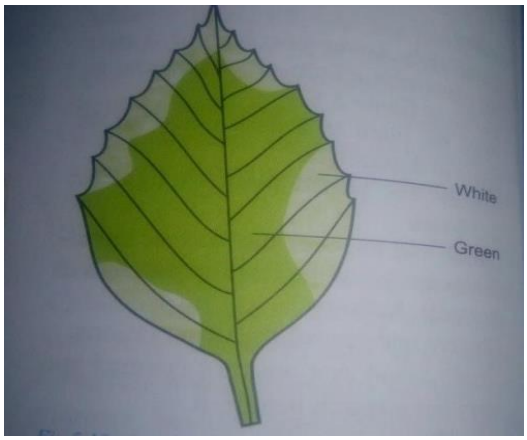
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23. The diagram below represents a green leaf with white patches. An experiment was carried out on the leaf to find out a certain factor of photosynthesis.



a) Suggest the factor being investigated. **(1mk)**

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b) What was the reagent used to test for starch? **(1mk)**

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c) What was the observation made at the end of the experiment on the:

i) Green patches **(1mk)**

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ii) White patches **(1mk)**

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d) Explain the results obtained in (c) above on: **(2mk)**

Green patches

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24. a) What is diffusion **(2mks)**

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b) How does diffusion gradient affect the rate of diffusion**?** **(1mk)**

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EXCELLING STUDENTS FORM ONE

END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

BUSINESS STUDIES

FORM ONE (1)

Time: 2 Hours

ANSWER ALL QUESTIONS IN THIS PAPER

1. State the level of production that each of the following activities belong **(4mks)**

Activity **Production level**

(a) Harvesting sand ……..

(b) Marking exams ……...

(c) Welding work ……..

(d) Oil Retailing ……..

2. Outline **four** limitations of subsistence production. **(4mks)**

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3. Highlight **four** characteristics that are unique to basic human wants. **(4mks)**

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4. Outline **four** benefits of sharing office machines **(4mks)**

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5. Outline **four** circumstances under which deferred payment may be appropriate to the seller **(4mks)**

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6. Outline four disciplines incorporated in the business studies course. **(4mks)**

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7. State four characteristics of departmental stores **(4mks)**

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8. Highlight four reasons why human wants may not be fully satisfied. **(4mks)**

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9. Identify the rewards of the following factors of production **(4mks)**

FACTOR	**REWARD**
a) Limestone	_____
b) Doctor	_____
c) Tractor	_____
d) Landlord	_____

10. Classify the following staff as under: Senior, Junior, or Subordinate **(4mks)**

STAFF	**CATEGORY**
a) Clerk	_____
b) Accountant	_____
c) Personal Secretary	_____
d) Messenger	_____

11. Identify four elements of internal business environment that may positively influence the performance of business. **(4mks)**

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12. The following is a table of activities. Name the utility that is created by each activity. **(4mks)**

Activity	**Utility**
i. Making chairs from timber	_____
ii. Shopkeepers selling sugar to consumers	_____
iii. Pharmacist delivering milk to a hospital	_____
iv. Delivering milk to consumers early in the morning	_____

13. Outline four emerging trends in office management. **(4mks)**

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14. Highlight four circumstances under which cash payment would be preferred to cheque payment. **(4mks)**

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15. Outline four reasons why a debit note may be sent to a buyer. **(4mks)**

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16. Highlight four circumstances under which a proforma invoice may be used. **(4mks)**

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17. State **four** means of payment used in home trade. **(3mks)**

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18. Identify **four** types of businesses activities. **(4mks)**

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19. State **four** differences between goods and services. **(4mks)**

	Goods	services
a)		
b)		
c)		
d)		

20. Highlight four characteristics of capital of capital as a factor of production. **(4mks)**

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21. State **four** factors to consider before a trader offers credit to a customer. **(4mks)**

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22. State **four** factors that may limit the use of modern technology in a business office **(4mks)**

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23. Outline four reasons why choice is crucial in satisfaction of human wants. **(4mks)**

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24. Labour is one of the key inputs in production. List down four possible rewards of labour. **(4mks)**

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25. Highlight four advantages of hire purchase to a buyer. **(4mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

CHEMISTRY (233)

FORM ONE (1)

TIME: 2 HOURS

Instructions:

- Write your name and admission number in the spaces provided above.
- Answer all questions in the spaces provided in this paper.
- All answers must be in English.
- Students must check to ascertain that all pages are printed as shown before attempting any question.

For Examiners Use only

Maximum Score	Student Score
80 Marks	

1) State the meaning of the following: **(4mks)**

(a) Conductor of electricity

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(b) Non-conductor of electricity

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(c) Matter

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(d) Mixture

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2) State the role of chemistry in the following fields: **(3mks)**

(a) Medicine

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(b) Cosmetics

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(c) Sports

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3) Which apparatus in the chemistry laboratory is used to: **(5mks)**

i) Measure temperature **……**

ii) Crush substances **……**

iii) Safely hold corrosive or hot solids **……**

iv) Evenly distribute heat when heating substances in beakers or flasks

……

v) Hold water for rinsing vessels and for adding water to vessels with narrow necks

……..

vi) Dry or keep substances free from moisture **……**

vii) Measure mass**……**

viii) Measure time **……**

ix) Provide heat**……..**

x) Heat solid substances that require strong heating **……..…..**

4) a) Read the following passage and complete it with the correct terms used in Chemistry**.** **(10mks)**

In nature, matter exists often as mixtures in various combinations. The method used to separate a given mixture depends on the _____ properties of the components of the mixture. To obtain iron particles from flour in flour mills _____ will be used. Ice cream vendors use dry ice instead of ordinary ice because it_____**,** leaves no wetness and it is a better coolant than ordinary ice. _____ is a method of separating a mixture of sand and water but it is not efficient because some solids pass into the liquid as the separation is carried out. A more efficient method of separating this mixture would be_____. This method is used on a large scale in_____. A saturated solution is one in which no more solute can dissolve at a given temperature.

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The process of obtaining crystals from a saturated solution is known as _____and is the method used to extract salt from salty water in Lake Magadi and Ngomeni in Malindi. To separate a mixture of miscible liquids that have boiling points close to each other use _____; while for immiscible liquids use _____. Athletes are usually tested to check if they have used banned substances to enhance their performance. The method used to identify the banned substances is _____.

Terms

(**Sublimes, a separating funnel, physical, water purification plants, chromatography, refining of crude oil, use of a magnet, decantation, crystallization, evaporation, filtration, fractional distillation, simple distillation, fractionating column, magnetism, Liebig condenser, residue, solvent extraction)**

b) When substances are heated either a permanent or temporary change can take place. Write word equations to represent the following :

i) Heating hydrated copper (II) sulphate **(1mk)**

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ii) Decomposition of copper (II) nitrate. **(1mk)**

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5) Draw a diagram to illustrate the preparation of oxygen gas using hydrogen peroxide and manganese (IV) oxide. **(5mks)**

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a) What is the function of the manganese (IV) oxide? **(1mk)**

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b) Why are the first few bubbles of gas not collected? **(1mk)**

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c) What is the method used in the collection of oxygen gas? **(1mk)**

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6)Magnesium can react with several substances. Write **word equations** for the following reactions:

a)i) ***Magnesium*** reacting with ***oxygen***. **(1mk)**

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ii) ***Magnesium*** reacting with ***water***. **(1mk)**

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iii) ***Magnesium*** reacting with ***dilute hydrochloric acid***. **(1mk)**

.....

.....

iv) ***Magnesium*** and ***copper (II) oxide***. **(1mk)**

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v) ***Magnesium*** and ***nitrogen***. **(1mk)**

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7) Write down the Reactivity Series of metals in order from the most reactive to the least reactive. **(10mks)**

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8)a) Hydrogen is a reducing agent for some metal oxides. Where would it be appropriate to place Hydrogen in the series in question 8. **(1mk)**

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b) List **<u>two</u>** uses of Oxygen gas. **(2mks)**

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c) List **<u>three</u>** uses of Hydrogen gas. **(3mks)**

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d) What is the chemical name of rust? **(1mk)**

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9) Figure **1** below shows a method used to separate a mixture of ethanol (Boiling point 78^{o}C) and water (Boiling point 100^{o}C).

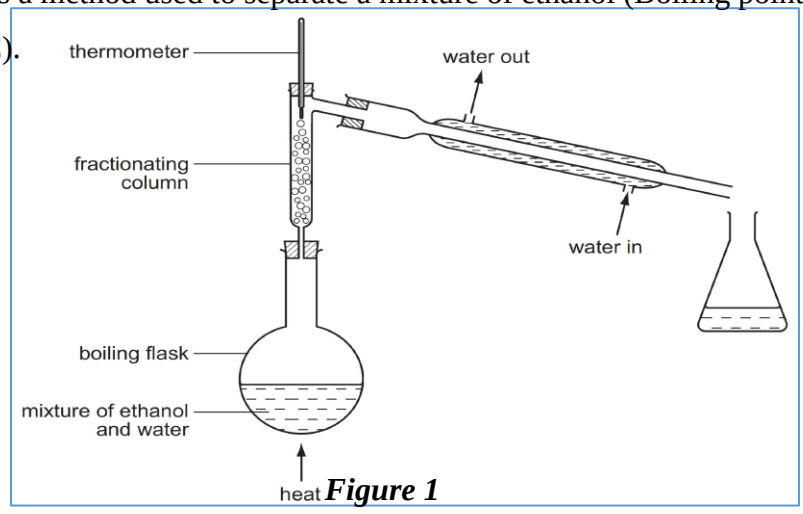


Figure 1

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a) Which liquid will be collected first? Explain. **(2mks)**

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b) What is the role of the small beads in the fractionating column? **(1mk)**

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c) Name another mixture that can be separated by the method illustrated in figure 1. **(1mk)**

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10) Fill in the table with the correct answer. **(9mks)**

Indicator	Colour of the indicator in:		
	Acid	Neutral	Base
Litmus			
Phenolphthalein			
Methyl orange			

11) State **<u>three</u>** methods that can be used to prevent rusting. **(3mks)**

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12) How are the following chemicals stored in the laboratory?

a) i)*Sodium metal* …….. **(1mk)**

ii) Why? ……. **(1mk)**

b)i) *Phosphorus* …… **(1mk)**

ii) Why? ……. **(1mk)**

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13) List the symbols of the following elements:

a) ***Sodium*** **……** **(1mk)**

b) ***Sulphur*** **……** **(1mk)**

c) ***Chlorine*** **……** **(1mk)**

d) Magnesium …… **(1mk)**

14) Name the elements present in the following compounds:

a) ***Lead (II) oxide*** **(1mk)**

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b) ***Calcium carbide*** **(1mk)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

COMPUTER STUDIES (451)

FORM ONE (1)

Time: 2 Hours

ANSWER ALL THE QUESTIONS

1. Mention four secondary storage device that can be grouped under Worm storage media **(4mks)**

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2. Briefly describe four security operations offered by the operating system in the process of protecting data and programs in the computer **(4mks)**

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3. Give three differences between primary and secondary memory **(3mks)**

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4. Mention three advantages of Command line operating systems **(3mks)**

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5. Give four characteristics of a dot matrix printer **(4mks)**

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6. State the function of the following disk management operations

(i) Partitioning **(2mks)**

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Defragmentation **(2mks)**

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(ii) Formatting **(2mks)**

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7. List four operations that may be performed on a file by an operating system **(4mks)**

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8. State four factors that determine the price of a computer **(4mks)**

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9.

(a) What is an open source software **(2mks)**

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(b) Give four advantages standard software over In-house developed software **(4mks)**

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10. Mention four application areas of Magnetic Stripe recognition technology **(4mks)**

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11. List four examples of optical storage disks **(4mks)**

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12.

(i) Enumerate four advantages of solid state storage devices **(4mks)**

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(ii) Describe four parameters that can be used to search for a file in computer secondary storage media **(4mks)**

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13.

(i) State four devices that input data in the computer through scanning **(4mks)**

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(ii) Name four factors to consider when choosing an input device **(4mks)**

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(iii) Describe two application areas of Digitizers **(4mks)**

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14. Identify the interfacing cables shown in table below **(5marks)**

Cable	Cable Name
	
	
	
	
	

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15. List five challenges experienced by the users of the first generation computers **(4mks)**

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16.

(i) State two ways of discharging static electricity that might accumulated on the hands during basic computer setup and cabling **(2mks)**

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(ii) Identify three controllers used to connect a hard disk to the motherboard **(3mks)**

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(iii) What is hot swapping **(2mks)**

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(iv) Write the following acronyms in full **(3mks)**

(a) SATA

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(b) SCSI

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(c) EIDE

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17. Describe four types of registers located inside the microprocessor **(4mks)**

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18. Baroness bought a new lap pre-installed with window 11 operating system for her personal use, when she switched the computer on, She released that some applications were not installed. Briefly describe four factors Baroness should consider before acquiring the application **(4mks)**

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19. Describe five functions of the operating system **(4mks)**

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20. Give three electric pathway used by device like main memory, control unit, arithmetic and logic unit to communicate **(3mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

CHRISTIAN RELIGIOUS EDUCATION

FORM ONE (1)

Time: 2 Hours

Answer **ALL** the Questions

1

a. Explain the benefits of learning Christian Religious Education in Secondary Schools in Kenya. **(7mks)**

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b. Identify six historical books of the Old Testament **(7mks)**

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c. Give reasons why Christians read the Bible **(6mks)**

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2 a. Identify the responsibility given to human beings by God in Biblical creation stories **(6mks)**

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

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c. State Six similarities found in both Biblical and traditional African views on creation **(6mks)**

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3 a. Describe the covenant ceremony between God and Abraham in Genesis 15:1-19 **(7mks)**

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b. Give five reasons why Moses was not willing to go back to Egypt after his call **(5mks)**

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c. How did the Israelites worship God when they were in the wilderness **(6mks)**

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4 a. Outline the failures of King Saul **(5mks)**

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b. What were the promises of God to David through Prophet Nathan? **(5mks)**

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c. Identify Five ways which show King Solomon turned away from the covenant way of life **(5mks)**

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d. What lessons can modern leaders political leaders learn from King David? **(5mks)**

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5 a. Identify Six Characteristics of Canaanite religion **(6mks)**

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b. Identify ways in which King Jeroboam contributed to the religious schism between Judah and Israel **(4mks)**

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c. State the hierarchy of beings in the Traditional African community **(7mks)**

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d. Identify five occasions when sacrifices are made in Traditional African community **(5mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

ENGLISH (101)

FORM ONE (1)

Time: 2½ Hours

Instructions to the candidates

i. Write your name and admission number in the spaces above.

ii. Answer all the questions in the spaces provided.

iii. Check to ascertain that the paper has all questions.

iv. The paper has 13 printed pages.

FOR EXAMINER'S USE ONLY

QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
1. Functional Writing	10	
2. Comprehension	20	
3. Oral Literature	20	
3. Oral Skills	30	
4. Grammar	20	
	100	

1. FUNCTIONAL WRITING.

Your Drama Club is organizing to stage a performance of John Lara's play, *The Samaritan*. You are inviting neighbouring schools and the general public to the event. Write a notice announcing the event and inviting other schools and the public to attend. **(10Mks)**

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2. COMPREHENSION

Read the passage below and attempt all the questions in the spaces provided. (20 Marks)

The Communicative Power of the English Language.

Once it used to be said that 'the sun never sets on the British Empire.' This meant that the British Empire covered all the time zones so that when the sun was setting on one part of the Empire, it was rising on another.

The same thing can be said about the English language today. English is spoken as the first language in the United Kingdom, Ireland, the United States of America, Canada, New Zealand and Australia. It is also spoken in Caribbean countries like Jamaica, Trinidad and Tobago, and Guyana among others. In addition to this, English is used as a second language in over fifty countries spread across Africa and Asia. This means that when you have a good command of English you can enjoy the writings of people from all over the world, and you can communicate your ideas beyond the borders of this continent.

We in East Africa embraced the English language accidentally through the colonial experience. English came in as a welcome addition to our already rich language situation of over forty local languages and Swahili. In fact, the majority of Kenyans today are **multilingual**. They use at least three languages; a local language, Swahili and English. A good number of other speak a fourth language which may be either French, German, Japanese or Arabic among others.

The local or ethnic language bonds a person to the history, culture and religious traditions of his or her people. If you speak one of the ethnic languages, for instance, you can enjoy the songs, dances, stories, proverbs and riddles in that language. It also helps you to communicate with the older folks who may not understand English or Swahili.

Swahili is the national language of Kenya and it is used by people from all ethnic groups. When one speaks and understands Swahili, one can communicate with people from all over Kenya. Swahili is a 'regional language' because it is spoken in several countries in East and Central Africa. Lately, Swahili was indeed **adopted** as one of the working languages at African Union meetings. Swahili, therefore, opens opportunities beyond the borders of Kenya.

After Kenya attained independence, English was retained as the official language because it was and still is, a great advantage for many of our operations. Though the original speakers of English were the people living in the British Isles, English is now spoken as a first language in two other continents, North America and Australia. It is also the second language for millions of people living all over the world. Therefore, with English, you can be at home anywhere in the world. English provides us with a powerful link to the global village.

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Recent developments in modern technology have enhanced our ability to speak, read, write, and understand English well. Many of the computer programmes available, for example, are made to respond to instructions given in English.

English is also important for participation at the international level. Many reports on recent developments, science and other special research are in English. There is much more written literature in English than there is in any other language. Therefore, a student who can read and write in English well is at an advantage.

In international news broadcasting, users of English are greatly advantaged. **Prominent** international news networks broadcast in English. English thus enjoys a prestigious position in the communication of events taking place in the world.

For those who want to be part of what is happening in the world, English is a very important tool. What does this mean for those of us in Africa and Asia, where English is learned mainly in school? There is a need to put a lot of effort into the teaching and learning of this language so that we can be part of the **vast** changes taking place in the world today.

Questions.

i. What is the meaning of the clause 'the sun never sets on the British Empire?' as used in paragraph one of the passages? (**2Mks)**

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ii. In which regions is English spoken as a second language according to the passage? **(1Mk)**

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iii. State two advantages that a person who has a good command of the English language has? **(2Mks)**

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iv. How did English come to East Africa as indicated in the passage? **(1Mk)**

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v. Why is East Africa and specifically, Kenya referred to as having a rich language situation? **(2Mks)**

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vi. What is the benefit of being able to speak one of the ethnic languages in East Africa**?** **(2Mks)**

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vii. What is the official language in Kenya? **(1Mk)**

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viii. How is English useful in modern developments in technology? (**2Mks)**

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ix. What makes a student who knows English to be at an advantage over one who does not know? (**2Mks)**

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x. What can speakers of English in Africa and Asia do to avoid missing out on what is happening in the world today? **(1Mk)**

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xi. What is the meaning of the following words according to the passage? (**4Mks)**

a. Multilingual

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b. Adopted

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c. Prominent

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d. Vast

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3. ORAL LITERATURE

Read the oral narrative below and answer the questions that follow in the spaces provided.(20 Marks)

HARE, HIPPO AND ELEPHANT

One day Hare, popularly known as Ogila Nyakarondo, met Elephant on his way to the forest. As Hare is a cunning and clever animal, he wanted to fool Elephant on some issues. He started talking to Elephant; 'Elephant my brother, Good Morning. What is the matter? Why are you walking alone like that my friend? Why don't you ask me to walk you through the forest?

After they had walked together for some time Hare said, 'Elephant my brother, I want to go on a rope-pulling contest with you. I know that I can defeat you miserably, for I am stronger than you.' The elephant replied, iii! Ogila Nyakarondo, you are too small to contest with me. You are playing about, my brother. Think twice.

They then planned to go on a contest the next day in the forest, but Elephant went laughing, thinking that Ogila could do nothing to him. The same day, Ogila met with Hippo and started talking to him saying, 'Hippo my brother, I want you to contest with me one of these days. We shall pull a rope across the forest and see who will be the winner. 'Hippo said, 'Don't play with me, Hare my brother, you are just too small to contest with me.' He made the same plan, just as he had planned with the Elephant to pull the rope in the contest across the forest.

The next morning, Hippo and Elephant went to each side of the forest thinking they were going to contest with Hare. They started pulling the rope. Meanwhile, Hare was sitting on a high hill watching what was happening below. He sang a song to taunt Elephant and Hippo. As he sang, Hippo and Elephant pulled even harder. They pulled and got very tired. At dusk, they almost passed out and stopped pulling.

Hare immediately ran to the elephant and asked, 'am I not great?' Elephant told Hare, 'Oh, Hare my brother, I have agreed that you are great. I have had it tough the whole day.'

Hare then ran to Hippo and told him the same thing he had told Elephant. Hippo wondered at the strength of the Hare and said, 'Hare my brother, I have realized that you are very strong. In fact, you should be made the King of the jungle.' Hare went away merrily playing his guitar.

(***Adapted from African Oral Literature for schools by Jane Nandwa and Austin Bukenya, Longman Kenya***)

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Questions

i. Classify the above narrative supporting your answer from the narrative. **(2Mks)**

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ii. How was the hare popularly Known? **(1Mk)**

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iii. Why was the elephant so sure that the Hare could not beat him in the contest? **(2Mks)**

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iv. Why did the Hare sing when the Elephant and Hippo were pulling the rope? **(2Mks)**

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v. At what time and why did the Elephant and the Hippo stop pulling? **(2Mks)**

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vi. Identify and illustrate any two features of oral narratives in the story. **(4Mks)**

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vii. Discuss the character of:

i. Hare **(2Mks)**

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ii. Elephant **(2Mks)**

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viii. Explain the meaning of the following words as used in the passage. **(2Mks)**

i. Contest

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ii. Merrily

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ix. What is the moral lesson in this story? **(1Mk)**

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4.ORAL SKILLS (30Marks)

a) I Loved You

I loved you, and that love, to die refusing,
May still who knows! - be smouldering
in my breast
Pray, be not pained -believe me, of my choosing
I'd never have you troubled nor yet distressed.
I love you mutely, hopelessly and truly,
With shy yet fervent tenderness aglow;
Mine was a jealous passion and unruly…
May heaven grant another loves you so!

(From Alexander Pushkin: selected works. Trans. From Russian. Moscow: Progress publisher,1974)

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Question

i. Identify the pairs of words that rhyme in the above poem. **(3Mks)**

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ii. What are the functions of the rhyming words in the above poem? **(2mks)**

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b. After you deliver points during a debating session, everyone claps for you. How could you have delivered your points to earn their applause? **(5Mks)**

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c. You notice your desk-mate dozing during an afternoon Chemistry lesson. Write the strategies you would advise your friend to apply to listen to the teacher effectively. **(3Mks)**

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e. Read the conversation below and answer the questions that follow.

Asigogo: (*Greeting Kielel*) Excuse me please, Good morning.

Kielel: Yes

Asigogo: Would you kindly direct me to the governor's office?

Kielel: By all means. It is next to that building.

Asigogo: What building, please?

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Kielel: Oh, forgive me for my lack of manners. That tall building just ahead of you on your right is Kamacharia House. The next building to it painted in green colour is Kiriaini House and that is where the governor's office is.

Asigogo: (*With a smile and handshake*) Thank you so much for your help.

Kielel: (*Nodding*) You are welcome.

Questions

i. Identify instances of courteous/polite language that have been employed in the conversation above. (**3Mks)**

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ii. What is the purpose of the greetings in the above conversation? **1Mk**

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f. Underline the silent letter in the following words. 5 Marks

a. Ballet

b. Debris

c. Fracas

d. Corps

e. Parliament

g. Provide another word pronounced the same as the words given below. (**5Mks)**

i. One ……

ii. Aunt ……

iii. Colonel ……

iv. You ……

v. Seed ……

h. You are invited by a neighbouring school to debate on the motion, 'CBC should be disbanded'. As the secretary of the Debating club in your school, you are elected with a few other members to represent the club. Explain what you would do to make your presentation successful**.** **(3Mks)**

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4. GRAMMAR (20Marks)

1. Fill in the gaps with the correct form of adjectives given in brackets. (**2Mks)**

a. Bibiana is the **……** of the twins. (pretty)

b. Kalmin is the **……** student in medical school. (intelligent)

2. Fill in the spaces with the most appropriate article. (**3Mks)**

a) My father is eating **……** ripe mango for lunch.

b) Gayle is playing **……** guitar.

c) Kaylee is **……** honest businessperson.

3. Use the correct prepositions to fill the gaps in the sentences below. (**6Mks)**

i. Lufi will travel **……** foot.

ii. The teacher of English has been down **……** malaria for the last two days.

iii. The students dipped the bucket **……** the well.

iv. My dependence **……** coffee is unhealthy.

v. She has little experience **……**. backpacking.

vi. People find it difficult to part**……** their hard-earned wealth.

4. Fill in the blank spaces with the most appropriate word in the brackets. 2 Marks

a) Put your clothes **……** (all together, altogether) in one pile and I will wash them for you.

b) This person needs the **……** (council, counsel) of a psychiatrist.

5. Explain the two possible meaning of this sentence. (**2Mks)**

Ambenge hates visiting relatives.

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6. Change the following sentences from indirect speech to direct speech. (**5Mks)**

a.Wangui offered to cook supper.

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b. The host advised us to leave early.

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c.He requested me to close the door.

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d. She told me to park round the corner.

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e.I told them to wait outside.

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THE END

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

GEOGRAPHY (312)

FORM ONE (1)

Time: 2 ½ Hours

INSTRUCTIONS

Answer all questions in the answer booklet provided

SECTION A

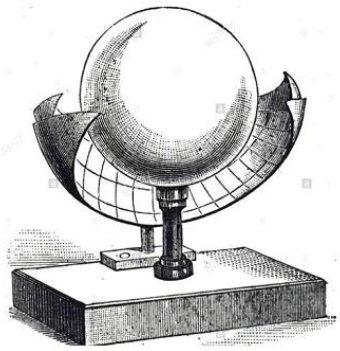
Answer all the questions in this section

1.(a) If the time in Town Y which is 750 W is 5 a.m., what is the time in town P which is 400 E? **(3mks)**

(b) How does rotation of the earth cause the occurrence of day and night? **(2mks)**

2.(a) Name two elements of weather that can be recorded at a school weather station. (2 marks)

(b) The diagram below represents a weather measuring instrument. Use it to answer the following questions.



(i) Identify the weather element measured using the above equipment. **(1mk)**

3.a) Describe how the above instrument is used. **(2mks)**

b) Describe how igneous rocks are formed. **(5mks)**

4.(a) Describe the characteristics of the Inter Tropical Convergence Zone (ITCZ**).** **(3mks)**

(b) Explain how altitude affects pressure. **(2mks)**

5.(a) List down the isothermal layers of the atmosphere **(2mks)**

(b) State any three characteristics of the lowest layer of the atmosphere. **(3mks)**

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SECTION B:

Answer all the questions.

6. (a) (i) Give two appropriate examples of non-metallic minerals. **(2mks)**

(ii) Apart from soda ash, identify three other minerals mined in Kenya. **(3mks)**

(b) Describe diamond mining in Tanzania under the following headings. **(6mks)**

(i) Occurrence

(**ii)** Mining and processing

(iii) Marketing.

(c) Explain four factors to consider before exploitation of minerals is carried out. **(8mks)**

d) Students from your class decided to carry out a field work in a nearby mining centre and used photographing as a major method of data collection.

(i) Give three advantage of using photographs as a tool in collecting and recording data. **(3mks)**

(ii) State three importance of a working schedule in field work. **(3mks)**

7. a) What is a rock? **(2mks)**

b) i) Name two examples of extrusive igneous rocks. **(2mks)**

ii) Give three sources of sedimentary rocks. **(3mks)**

iii) State three reasons why sedimentary rocks are widespread in the coastal plains of Kenya. **(3mks)**

c) State four factors that influence the change of original rocks to metamorphic rocks **(4mks)**

d) You are planning to carry out a field study on the rocks within your school environment.

i) Give three secondary sources of information you would use to prepare for the field study. **(3mks)**

ii) State three advantages of dividing the students into groups during the field study **(3mks)**

iii) Identify three problems you are likely to face during the study. **(3mks)**

(iv) Give two advantages of studying the rocks through fieldwork. **(2mks)**

8.(a)i) Differentiate between weather and climate. **(4mks)**

ii) State two conditions necessary for the formation of fog. **(2mks)**

(b) i) Describe the working of Aneroid barometer. **(4mks)**

ii) State three effects of sea breeze on the adjacent land mass. **(3mks)**

i) Explain how the following factors influence weather

Source of water **(2mks)**

Altitude **(2mks)**

ii) State three characteristics of convectional rainfall. **(3mks)**

(c) With the aid of well labelled diagram, describe the formation of land breeze. **(5mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

HISTORY AND GOVERNMENT (311)

FORM ONE (1)

Time: 2 $\frac{1}{2}$ *Hours*

Instructions to Candidates

a. This paper consists of **THREE** sections **A ,B AND C**

b. Answer **ALL** QUESTIONS.

c. Answers to all the questions must be written legibly in the answer booklet provided.

d. **Candidates should answer the questions in English**

SECTION (25 MARKS)

ANSWER ALL THE QUESTIONS

1. Identify one basic period of history. **(1mk)**

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2. State two disadvantages of relying on Linguistics as a source of iinformation on history and government **(2mks)**

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3. Give two non-chemical methods of dating fossils that are used by Archaeologists **(2mks)**

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4. Identify the last stage of transformation that the plants and animals go through as they evolve from simple life forms **(1mk)**

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5. Name the makers of the Oldowan tools **(1Mk)**

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6. Name two types of dwellings used by the early man during the Stone Age period. **(2mks)**

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7. State one theory that explains the origin and spread of agriculture **(1mk)**

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8. State one method of irrigation used in ancient Egypt. **(1mk)**

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9. Give two communities that make up Plain Nilotes **(2mks)**

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10. State two sources of information on East African Coast before 7th Century A.D **(2mks)**

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11. Identify one archaeological evidence that suggests Chinese Presence at the Coast of East Africa by 700 AD **(1mk)**

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12. Give the main reason for the coming of the Arabs at the East African Coast by 1500AD **(1mk)**

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13. State two negative effects of the Portuguese rule at the Coast by 16th Century AD **(2mks)**

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14. Give two reasons why the Akamba participated in the Long distance trade **(2mks)**

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15.State two ways of becoming a Kenyan Citizen **(2mks)**

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16. Identify one Public Holiday that is celebrated in Kenya **(1mk)**

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17. Identify one peaceful method of resolving conflict in Kenya **(1mk)**

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SECTION B (45 MARKS

ANSWER ALL THE QUESTIONS

18.a) State three reasons why man began early agriculture **(3mks)**

b) Explain six effects of early agriculture in Mesopotamia. **(12mks)**

19 (a) State five reasons which influenced migration of the Cushites into Kenya during the Pre-colonial period **(5mks)**

(b) Explain five social effects of Bantu migration into Kenya. **(10mks)**

20.a) Name three Early Christian Missionaries who came to East African Coast **(3mks)**

b) Explain six methods that were used by the Christian Missionaries to convert Africans **(12mks)**

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SECTION C (30 MARKS

ANSWER ALL THE QUESTIONS

22a) State three economic responsibilities of a Kenyan citizen **(3mks)**

b) Explain six factors that may lead to revocation of citizenship **(12mks)**

23.a) What is the importance of National Integration **(5mks)**

b) Explain six effects of conflicts in the society **(10mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

HOME SCIENCE (441)

FORM ONE (1)

Time: 2 *Hours*

Instructions to students

a. Write your name, admission number and class in the spaces provided

b. Sign and write the date of the examination in the spaces provided

c. This paper consists of **three** sections: **A**, **B** and **C**

d. Answer **all** the questions in section **A** and **B** and any **two** questions in section **C**

e. Answers to all the questions must be written in the spaces provided in the paper

f. Students should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

g. Students should answer the questions in English

For examiner's use only

Section	Question	Maximum Score	Student's Score
A	20	40	
B	21	20	
		20	
		20	
TOTAL SCORE		100	

SECTION A (40 MARKS)

Answer all the questions in the section in the spaces provided.

1. Mention **two** uses of permanent stitches. **(2mks)**

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2.List **two** methods of steaming. **(1mk)**

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3.Give **two** activities carried out when weekly cleaning a kitchen. **(2mks)**

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4.Suggest **two** advantages of frying as a method of cooking. **(2mks)**

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5.Mention **three** precautions to take when caring for a wooden chopping board. **(3mks)**

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6.Give **two** qualities of good dress makers pins. **(1mk)**

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7.Give **three** positive qualities of cotton. **(3mks)**

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8.State **two** points on care of cutting out shears. **(2mks)**

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9.List **four** methods of removing loose dirt from surfaces. **(2mks**)

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10. Mention **two** ways of ensuring success when using steaming as a method of cooking. **(2mks)**

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11. Mention **three** things that are involved in good grooming. **(3mks)**

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12. Suggest **three** factors that determine the type of materials used when building a house. **(3mks)**

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13. Mention **four** accidents that may occur in a home. **(2mks)**

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14. Give **two** qualities of wool that make it unsuitable for making bedsheets. **(2mks)**

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15. Differentiate between good grooming and personal hygiene. **(2mks)**

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16. Give **two** points on care of a seam ripper**.** **(2mks)**

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17. Give **two** reasons for polishing leather shoes. **(2mks)**

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18. Give **two** reasons for cleaning a house daily. **(2mks)**

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19. Mention **two** materials used in making saucepans. **(1mk)**

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20. Mention **two** dry methods of cooking. **(1mk)**

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SECTION B (20 MARKS)

COMPULSORY

Answer all sections of this question in the spaces provided.

21. You are doing some cleaning at home during the long holiday.

a.Outline the procedure you would follow in cleaning the kitchen food store. **(9mks)**

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b. Describe how you would clean ceramic tiled working surface in the kitchen. **(7mks)**

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c.Outline the procedure for cleaning an oily plastic plate. **(4mks)**

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SECTION C (40 MARKS)

There are three questions in this section. Answer any TWO questions from this section on the spaces provided. Each question should be started on a clean page.

22.

a.Highlight **six** points to consider when buying kitchen equipment. **(6mks)**

b. Mention **four** qualities of good deep-frying oil. **(4mks)**

c.Explain **three** reasons why P.E is compulsory in the secondary school curriculum. **(6mks)**

d. Suggest **four** advantages of using labour saving equipment in the kitchen. **(4mks)**

23.

a.Discuss **four** limitations of synthetic fibres. **(8mks)**

b. Fill in number 1-10 on the table on classification of textile fibres. **(5mks)**

c.Mention **four** challenges of living a healthy life as a teenager. **(4mks)**

c.Highlight **three** reasons why wool is not suitable for use in hot areas. **(3mks)**

24.

a.Highlight **four** points to observe when working hand stitches. **(4mks)**

b. Explain **three** rules on use of a refrigerator. **(6mks)**

c.Explain **three** reasons why linen is good for making dish cloths. **(6mks)**

d. Give **four** rules on kitchen hygiene to ensure food is not contaminated. **(4mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

ISLAMIC RELIGIOUS EDUCATION (314)

FORM ONE (1)

Time: 2 ½ Hours

INSTRUCTIONS:

1. This paper contains six (6) questions.
2. Answer ALL questions
3. Write your answers in the answer sheet provided.
4. All answers must be in English.

1. a) Identify five reasons why the Qur'an was revealed in portions. **(5mks)**

b) Give the English translation of *Suratul Fatiha*. **(7mks)**

c) State three teachings of *Suratul Nasr*. **(3mks)**

2. a) Explain the importance of Hadith in the life of a Muslim. **(5mks)**

b) Outline five items on which *Zakat* is payable. **(5mks)**

c) Mention five differences between *sijdatul shukr* and the *sijda* that is performed in swalat. **(10mks)**

3.a) Identify five reasons why some Muslims fail to perform the five daily prayers regularly. **(5mks)**

b) What are the Islamic teachings on visiting the toilet? **(5mks)**

c) State five attributes of Allah. **(5mks)**

4. a) Explain the types of *Shirk*. **(6mks)**

b) Discuss the dimensions of Islamic morality. **(4mks)**

c) State the essential components of Islamic morality. **(5mks)**

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5 a) Give four conditions of marriage in Islam (*Nikah*). **(4mks)**

b) Mention five rights that a Muslim child is entitled to. **(5mks)**

c) Explain the reasons behind the prophet's marriages. **(8mks)**

6.a) Describe the social conditions that prevailed in Arabia during the pre-Islamic period. **(7mks)**

b) State five issues the prophet addressed in his farewell speech during *Hijatul Widaa*. **(5mks)**

c) Elaborate on the contributions of Sheikh Al-Amin Mazrui in the spread of Islam in East Africa. **(6mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

JINA: …….

SHULE: ……

NAMBARI YA USAJILI: ……..…… SAHIHI: ……..… TAREHE: ……

KISWAHILI (102)

MUHULA WA TATU

KIDATO CHA KWANZA

MUDA: SAA 2:00

Maagizo:

1. Jibu maswali yote.

2. Majibu yote yaandikwe katika nafasi ulizoachiwa katika karatasi hii ya maswali

3. Majibu yote **lazima** yaandikwe kwa lugha ya Kiswahili

4. Watahiniwa lazima wahakikishe kuwa kurasa zote za karatasi hii zimepigwa chapa sawasawa na kuwa maswali yote yamo.

Kwa matumizi ya mtahini pekee

SEHEMU	UPEO	ALAMA
UFAHAMU	15	
MATUMIZI YA LUGHA	40	
ISIMUJAMII	10	
FASIHI SIMULIZI	15	
JUMLA	80	

A. UFAHAMU (ALAMA 15)

Soma taarifa hii kisha ujibu Maswali

Soma makala yafuatayo kisha ujibu maswali.

"Masalkheri nyote mliobarizi magharibi hii. Kwanza kabisa ningependa kutoa shukrani zangu kwenu, kwa kuacha shunghuli zenu kujumuika katika hafla hii. Madhumuni yangu hii leo ni kuwafahamisha zaidi juu ya tatizo la wasichana, yaani wanawali, kiringwa na kuavya.

Wasichana wanapobaleghe ndipo msimu wa masika kwa wazazi huingia. Huku wakiwa wamegeuka mara moja kama lumbi, huwa hawasikii la mwadhini wala la mteka maji msikitini, kwa kuwa hauchi hucha, hatimaye majuto huja, mjukuu kwa wazazi, yaani, mimba.

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Wasichana wengi huwaangukia wazazi, lakini wengine kwa woga na hofu **huavya**, bila ya kuvuta pumzi na kufikiria juu ya athari za kitendo hicho. Tunawapoteza viongozi, wakurugenzi, madaktari, wachezaji maarufu na wazazi wa kesho, tunapoavya.

Kuna maswali mengi ambayo tunaweza kujiuliza. Kwanza, je, dunia ya leo ingekuwa vipi iwapo Yesu angeavywa? Pili, je wewe ungekuwa wapi iwapo ungeavywa. Tatu, mtoto yule ambaye yu tumboni ana makosa yapi?

Isitoshe, je twafahamu madhara ambayo twaweza kujiletea. Wasichana mnapoenda kuavya, hamfahamu madhara mbalimbali ya kuavya? Waweza kupoteza damu, hadi ufe, waweza kuachwa tasa, waweza kukeretwa tumbo siku zako zote za maisha, na haya siyo yote. Tunafaa kujiuliza iwapo tutaendelea kuavya ima fa ima, kwani msiba wa kujitakia hauna kilio.

Ni heri ufedheheke kwa kuwaangukia wazazi na wenzetu tunaponaswa na tandabui, kuliko tuwe wasiri kama kaburi ni katika juhudi zetu za kujiondolea aibu. Tunajitia kaburini. Swali ambalo lapumbaza ni, mbona kujipalia makaa?

Kama tujuavyo, kila mto una chanzo, kila kitendo, sababu, na hata kuavya, kushika mimba usiyotarajia. Hivyo basi, sisi sote ndio tunasababisha kitendo hiki. Wasichana hawa hawajiringwi wala kujinajisi. Fauku ya hayo, wengi wao hawajifahamu. Ni idadi ndogo tu ya wasichana ambao huendelea na kuwa waja wazito licha ya kuonywa, na kufunzwa kuhusu maadili na umuhimu wa kuwa mwanamwali.

Tafadhali wanawali tuwe wenye nidhamu ya juu ili tusipotoshwe kwa urahisi. Iwapo utajikuta na mimba usiyotarajia, siyo mwisho wa mambo, bali ni funzo la maana kwetu.

Kwa wale ambao mwafikiri ubikira hauna maana, msisahau, ukimwi na magonjwa mengine ya zinaa, au mtoto ambaye hutaweza kumlea vyema. Tafadhali, tutahadahri kabla ya athari, kwa **kujibari** na yaliyohatari.

Shukrani tena kwa kujumuika mahali hapa. Natumai nyote mmepata funzo na mtakaporejea makwenu msisahau samaki mkunje angali mbichi. Hadi tutakapokutana tena, alamsiki, na Mola awe nanyi".

Maswali

a) Ipe taarifa hii anwani mwafaka **(alm1)**

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b) Dhamira ya hotuba hii ilikuwa gani? **(alm1)**

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c) Fafanua madhara matatu ya uavyaji mimba miongoni mwa wanawali **(alm3)**

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d) Ni kwa nini wasichana wetu huavya mimba **(alm2)**

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e) Tambua tamathali mbili za usemi zilizotumika katika kifungu hiki **(alm2)**

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f) Eleza mafunzo yanayotokana na hotuba hii. **(alm3)**

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g) Hotuba hii ilitolewa jioni kuelekea usiku. Thibitisha. **(alm1)**

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h) Eleza maana ya msamiati ufuatao uliotumika katika ufahamu. **(alm2)**

i) huavya

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ii) kujibari

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B. MATUMIZI YA LUGHA (ALAMA 40)

a) Taja konsonanti mbili ambazo hujulikana kama nusu irabu. **(alm2)**

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b) Andika neno lenye sauti zifuatazo:

Kitambaza, irabu ya mbele juu, nazali ya midomoni, kiyeyusho cha midomoni, irabu ya chini kati **(alm1)**

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c) Ukitumia mifano, tambua umuhimu wa shadda katika lugha **(alm2)**

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d) Bainisha miundo ya silabi katika maneno yafuatayo: **(alm2)**

i) chura**……**

ii) mbwa**……**

e) Tunga sentensi ukitumia neno "ila'' kama **(alm2)**

(i) Kiunganishi

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(ii) Nomino.

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f) Andika sentensi yakinishi kutokana na hii. **(alm1)**

Chakula hakipikiki vizuri.

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g) Tumia kitenzi kifuatacho cha silabi moja kutunga sentensi katika kauli ya kutendewa. **(alm1)**

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h) Sahihisha sentensi hii kwa njia mbili tofauti. **(alm2)**

Juma ameingia katika chumbani mwake.

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i) Andika kwa wingi **(alm2)**

Upanga wa mjomba ulikuwa umetiwa makali

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j) Andika kwa msemo wa taarifa. **(alm3)**

"Sisi tutafanya mtihani wa Kiswahili leo jioni kisha tutaondoka kwenda kwetu kesho" Almasi alimwambia Juma.

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k) Akifisha sentensi hii ili ilete maana mbili tofauti. **(alm2)**

Baba Maria anakuja

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l) Changanua sentensi ifuatayo kwa mistari **(alm4)**

Mjomba wetu atatutembelea mjini kesho.

m) Andika sentensi ifuatayo upya kulingana na agizo. **(alm1)**

Ng'ombe walipopotea mchungaji alikuwa na wasiwasi. (Anza kwa: Kupotea)

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n)Andika katika udogo wingi **(alm2)**

Kiti cha mtoto huyu kimevunjika

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o) Unda nomino moja moja kutokana na viarifa vifuatavyo. **(alm2)**

i) Andika……

ii) Fa……

p) Tambulisha nyakati au hali katika sentensi ifuatayo. **(alm1)**

Nilikuwa nimeketi chumbani.

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q) Ainisha mofimu katika neno "kilichopasuka" **(alm3)**

r) Onyesha kirai nomino na kirai elezi katika sentensi moja. **(alm2)**

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s) Sahihisha sentensi ifuatayo bila kuondoa "chenye" na "-nuka".

Usikule chakula chenye inanuka **(alm2)**

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t) Tunga sentensi **moja** ukitumia maneno yafuatayo ili kutofautisha maana. **(alm2)**

sisi, zizi

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u) Eleza maana ya nahau ifuatayo **(alm1)**

kula mwata

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C. ISIMU JAMII (ALAMA 10)

Soma dondoo lifuatalo kisha ujibu maswali yanayofuata.

Kamau: Rusha hiyo ball haraka tumechelewa five minutes. Twende daro.

Ochieng': Harakisha mode anacome.

Bwana Mutua: Nendeni darasani haraka! Kisha kiranja awape vitabu vyenu vya insha ili mwandike barua.

Kamau: Sawa mwalimu. Samahani kwa kuchelewa uwanjani.

Ochieng': Je, tutaandika barua rasmi au barua ya kirafiki?

BwanaMutua: Mwandike barua rasmi. Je, mnakumbuka muundo wake?

Ochieng' na Kamau: Ndio mwalimu. Ulitufundisha jana. Asante sana mwalimu.

Bwana Mutua: Kumbukeni idadi ya maneno na maudhui. Haya ni muhimu katika uandishi wa insha.

Maswali

(i) Eleza sajili katika dondoo hili. **(alm2)**

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(ii) Eleza sifa nane za sajili hii zinazopatikana katika dondoo. **(alm8)**

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D:FASIHI SIMULIZI (ALAMA 15)

1. *Jamani kanyageni mchanga*

mchanga kanyageni

mchanga mchawi

mchanga ulimtwaa Jommo wa Kiambu

kanyageni mchanga

mchanga ulimpeleka Jaramogi wa Bondo

kanyageni mchanga

mchanga ukamtwaa Moi wa Baringo

mchanga mchawi

mchanga ulimtwaa Mwai wa Nyeri

aliyekuwa rais wetu

mchanga

mchanga mchawi.

Maswali

1. (i) Hiki ni kipera gani cha fasihi simulizi? **(alm1)**

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(ii) Fafanua sifa zozote nne za kipera hiki **(alm4)**

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2.Eleza vigezo vinne vya kuainisha methali . **(alm4)**

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3. Eleza fani zinazozijenga vitendawili vifuatavyo: **(alm4)**

i) Ajenga ingawa hana mikono

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ii) Jani la mgomba laniambia habari zinazotoka ulimwenguni kote

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4. Nini tofauti kati ya misimu na lakabu? **(alm2)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

MATHEMATICS (121)

FORM ONE (1)

Time: 2 ½ Hours

INSTRUCTIONS

- Write your **name**, **school, class and Admission number** in the spaces provided above.
- Sign and write date of examination in the spaces provided above
- This paper consists of **two** sections; Section **I** and Section **II**
- Answer **all** questions in **section I** and **Section II**
- Show all the steps in your calculations, giving your answers at each stage in the spaces provided below each questions
- Marks may be given for correct working even if the answer is wrong
- **Non - programmable** silent electronic calculators and **KNEC** Mathematical tables may be used, except where stated otherwise.

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Section I

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total

Section II

17	18	19	20	21	Total

Grand Total

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SECTION I (50 MARKS)

ANSWER ALL THE QUESTIONS IN THIS SECTION

1. Work out leaving your answer in its simplest form. **(3mks)**

$$\frac{\frac{2}{5} \div \frac{1}{2} \text{ of } \frac{4}{9} - 1\frac{1}{10}}{\frac{1}{8} - \frac{1}{6} \times \frac{3}{8}}$$

2. A tourist from United Kingdom arrived in Kenya with 5000 sterling pounds and exchanged the money using the exchange rates below through an agent at a commission of 1.5% .

	Buying (ksh)	Selling(ksh)
1 sterling pound	135.50	136.20
1 us dollar	99.20	101.30

While in Kenya, the tourist spent Ksh 250, 000 on accommodation and travelling and converted the rest into US dollars. Calculate to the nearest US dollar, the amount of money the tourist left Kenya with? **(3mks)**

3. Express $1.48\dot{1}\dot{1}$ in proper fraction. **(3mks)**

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4.Mandela works as a salesman. He is paid a salary of sh. 24,000 per month plus a commission of 2.5% of his sales. In one month, he sold goods worth shs.100,000. How much did he earn altogether? **(3mks)**

5.Draw a line segment AB = 10cm and locate a point P which divides AB in the ratio 6: 1 **(3mks)**

6.Find the greatest number which when used to divide 181 and 236, the remainder is always 5. **(3mks)**

7.How many fencing posts spaced 5m apart are required to fence a rectangular plot measuring 755m by 210m? **(3mks)**

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8.Simplify $\frac{(x+1)\{a(x-1)+b(x-1)\}}{(1-x)(ax+bx-a-b)}$ **(4Mks)**

9.The exterior angle of a regular polygon is an eighth of the interior angle. Calculate the sum of its interior angles. **(3mks)**

10. Find the least amount of cement that can be put into bags which all contain 20kg or 25kg or 45kg.

(3mks)

11. A rectangular flower bed measuring 4.2m by 6.8m is surrounded by a path 1m wide. Find the area of the path.

(3mks)

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12. Evaluate $\dfrac{-15\div 3-2\times 4}{4\times 5-18\div -3}$ **(4Mks)**

13. 5men can erect 2 cottages in 21 days, how many more men, working at the same rate, will be needed to construct 6 cottages in the same period. **(3mks)**

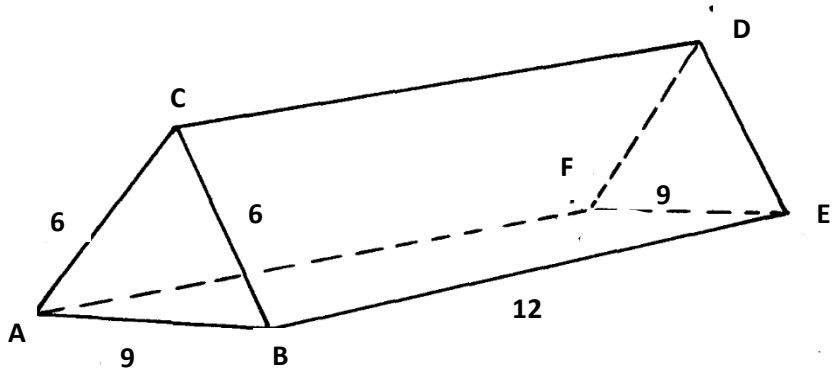
14. The mass of two bags of beans and three bags of salt is 410kg. If the mass of three bags of beans and two bags salt is 390kg, find the mass of each bag. **(3mks)**

15. Use squares and square root tables to evaluate. **(4mks)**

$$\frac{3.456^2-\sqrt{80.49}}{2}$$

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16. Sketch the net of the solid shown in the figure below, measurements are in centimetres **(3mks)**



SECTION II (50MARKS)

ANSWER ALL THE FIVE QUESTIONS IN THIS SECTION

17. The cost of making a table consist of transport, labour and raw material in the ratio 4:2:6 respectively. During an inflation year the transport cost increased by 6%, the labour by 9% and raw materials by 20%.

a) Find the percentage increase in producing a table**.** **(6mks)**

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b) What was the old price of a table if the new price is Kshs.680.00. **(2mks)**

c) How much would Raisa have saved if she buys a dozen of tables at the old price? **(2mks)**

18. (a) Construct a trapezium ABCD with AB parallel to DC. AB = 10cm, BC = 5cm, CD = AD = 4cm and angle ABC = 45^0. Measure DB and AC. **(6Mks)**

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(b) On the diagram construct a circle touching the vertices ABC. Measure the radius of the circle. **(4Mks)**

19. Points A,B,C and D are form corners of an Island and are such that B is 200km from A on a bearing of $N60^0E$. C is 380km from B and on a bearing of 140^0. Point C is on a bearing of 060^0 from D and D is due south of B.

(a) Using a scale of 1cm represents 50km, show the positions of A,B,C and D. **(4mks)**

(b) Use the scale drawing to determine

(i) Distance AC **(2mks)**

(ii) Distance DC **(2mks)**

(iii) Bearing of A from C **(1mk)**

(iv) Bearing of D from A **(1mk)**

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

(a) How many cartons were there? **(2Mks)**

(b) What was the total mass of the empty cartons? **(2Mks)**

(c) What was the total mass of the books alone? **(3Mks)**

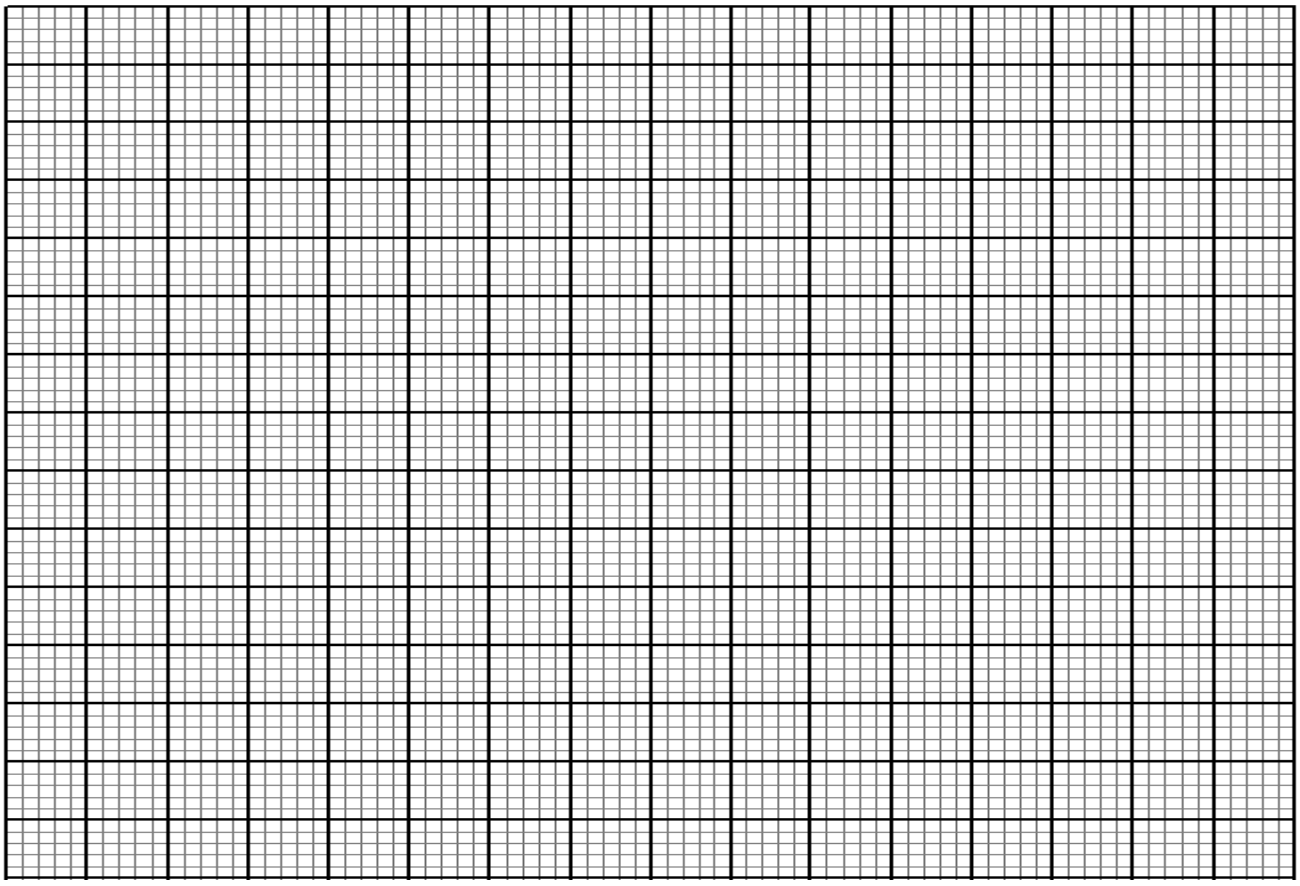
(d) Given that the average density of each book is $0.75g/cm^3$, find the total space occupied by the books. **(3Mks)**

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21. A man deposited a certain amount of money in a bank. The following table shows the amount of money due to him at the end of every year.

Time (Years)	1	2	3	4	5
Amount (Shillings)	45,000	50,000	55,000	60,000	65,000

(a) Using a suitable scale, plot the graph of the amount of money in the bank against time. **(5Mks)**



(b) From the graph estimate his initial deposit in the bank. **(2Mks)**

(c) Supposing that after 3 and a half years he withdrew some amount of money such that the balance was Shs.40,000. How much did he withdraw? **(3Mks)**

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EXCELLING STUDENTS FORM ONE
END TERM 3 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN……..… DATE: ……..

PHYSICS (232)

FORM ONE (1)

Time: 2 *Hours*

Instructions to candidates

a) Write your **Name** and **ADM Number** in the spaces provided above,

b) Sign and **Write the date of examination** in the spaces provided above,

c) This paper consists of **two** sections **A** and **B**.

d) Answer all the questions in Section **A** and **B** in the spaces provided.

e) All working **must** be clearly shown in the spaces provided.

f) Mathematical tables and electronic calculators **may be used**.

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SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 13	25	
	14	12	
	15	10	
	16	10	
	17	12	
	18	11	
TOTAL SCORE		80	

SECTION A (25 MARKS)

Answer all questions in the spaces provided

1.One way of killing mosquito larvae in stagnant pools of water is by pouring kerosene on the water. Explain why this is possible. **(2mks)**

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2. The mercury in a liquid-in-glass thermometer is preferred over alcohol. Give two reasons why this is the case. **(2mks)**

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3. Figure 1 shows a liquid manometer. The gas pressure is 755mmHg and that of the surround is 760mmHg. The height h is 80mm.

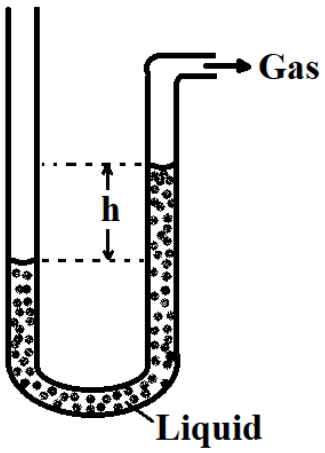


Figure 1

Determine the density of the liquid. (Take density of mercury = 13600kgm^{-3} and g =10Nkg^{-1}) **(3mks)**

4. Two thin blankets piled together are warmer than single blanket of the same thickness as the two combined. Explain this observation. **(1mk)**

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5. Two identical concrete blocks, one with a black surface and the other a shiny surface, are heated to the same temperature. They are allowed to cool for the same length of time. The graph in figure 2 shows a sketch of how the temperature of the concrete block black surface changes with time.

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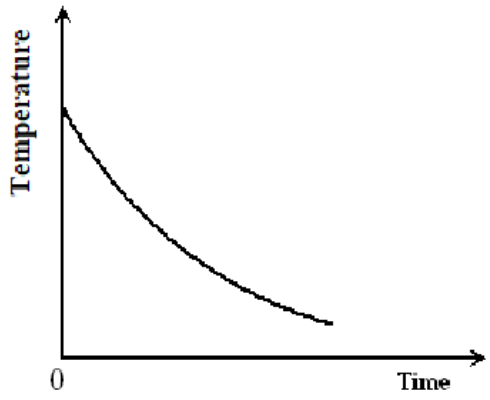


Figure 2

On the same axes, sketch a graph showing how the temperature of the concrete block with the shiny surface changes with time. Explain. **(2mks)**

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6. Ten glass marbles, each of mass 6.0 g, were gently lowered into a 100cm^3 measuring cylinder containing water to the level marked A. The water level rose to the level marked B as shown in Fig. 3 below

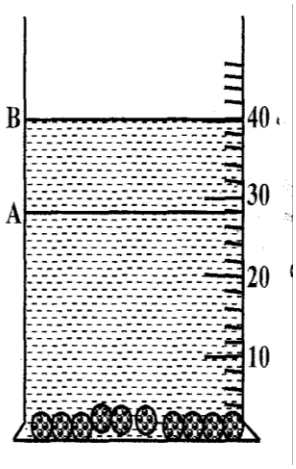


Figure 3

Determine the density of the glass. **(3mks)**

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7. A student mechanic learnt that a battery of eight dry cells each **1.5V** has a total e.m.f. of **12V**, the same as a car battery. He connected in series eight new dry cell batteries to his car but found that they could not start the engine. Give a reason for this observation. **(1mk)**

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8. The weight of a body varies from one place to another on earth. **Explain**. **(1mk)**

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9. In an experiment investigating Brownian motion, smoke particles are used. State any **<u>two</u>** reasons why smoke particles are suitable for this experiment. **(2mks)**

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10. Figure 4 below shows a smoke box with two chimney A and B.

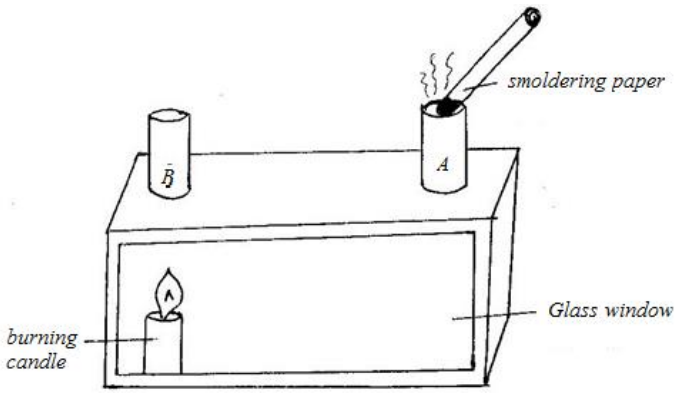


Figure 4

A smoldering paper (producing smoke) is placed at the mouth of chimney A and a piece of burning candle is placed under chimney B as shown.

(i) Sketch on the diagram what is likely to be observed. **(1mk)**

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(ii) Explain your answer in (i) above. **(2mks)**

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11. Explain how the greenhouse gets warm. **(2mks)**

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12. State **two** advantages of alkaline cell over a lead – acid cell **(2mks)**

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13. Explain why repulsion is the surest test for electrostatic charges**.** **(1mk)**

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SECTION B: 55 MARKS

14. a) Define pressure, and state its SI units. **(2mks)**

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b) A solid block measuring 6.5 cm by 8.0 cm by 12.5 cm is made of a material of density 8.93 kg/m^3.

Determine the maximum pressure it can exert when resting on a horizontal surface. **(3mks)**

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c) The diagram in figure 5 below is from an experiment used to demonstrate that air exerts pressure.

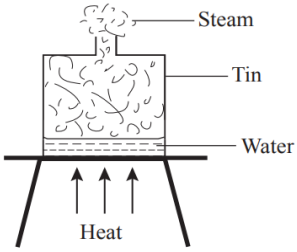


Figure 5I

i) What observation is made when the cork is replaced, the source of heat removed and then Cold water is poured on the tin **(1mk)**

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ii) Explain the cause of the observation made in (i) above**.** **(2mks)**

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d) The figure 6 below shows a lift pump used to draw water.

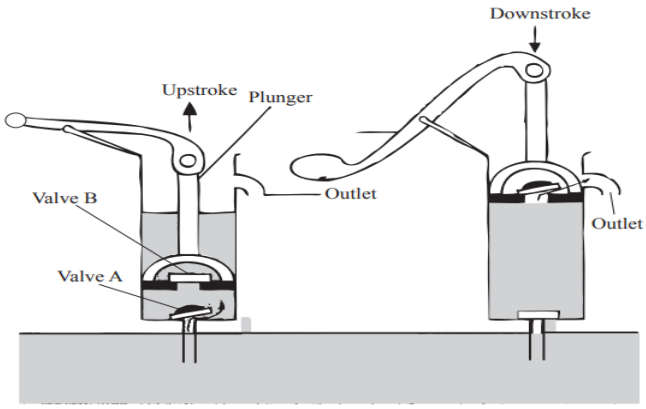


Figure 6

Describe what happens during;

I. Upstroke **(2mks)**

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II. Down stroke **(2mks)**

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15. (a) Define force. **(1mk)**

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(b) State three effects of force. **(3mks)**

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(c) (i) Calculate the weight of metal box of mass 0.65 tonnes on a planet where g = 6.0 Nkg-1. **(2mks)**

(ii) Calculate the weight of the metal box on earth where g = 10 Nkg-1. **(2mks)**

(d) Mercury on a clean glass slide collects into small spherical balls as shown in figure 7 below. Explain why **(2mks)**

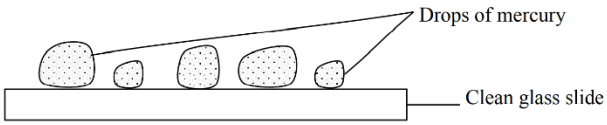


Figure 7

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16. (a) State the kinetic theory of matter**.** **(1mk)**

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(b) Describe a simple experiment to illustrate that matter is made up of tiny particles. **(2mks)**

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(c) Some white deposits of ammonium chloride was formed when cotton wool soaked in ammonium solution and hydrochloric acid was placed at the ends of a glass tube as shown below.

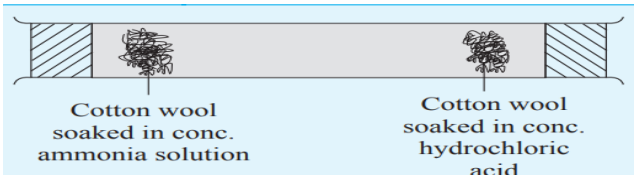


Figure 8

(i) What is the aim of the experiment**?** **(1mk)**

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(ii) Show where the deposits are formed on the diagram above**.** **(1mk)**

(iii) Explain the observation **(2mks)**

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(d) Explain why Solids have a definite shape, and don't flow. **(1mk)**

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(e) Smoke particles are used in the smoke cell experiment used to study Brownian motion in gases. State and explain how an increase in temperature affects the movement of the smoke particles. **(2mks)**

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17.(a) Differentiate between heat and temperature **(2mks)**

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(b) A thermometer reading was made when the temperature was 40 ºC. Record this reading in its SI unit. **(1mk)**

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(c) The figure 9 below illustrates thermal expansion in gases

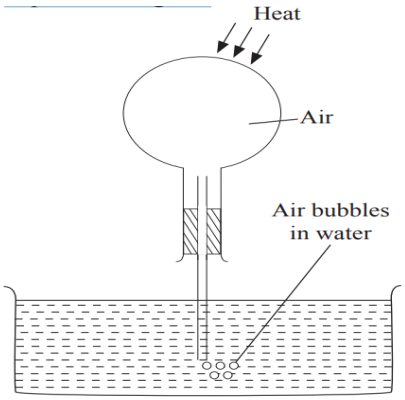


Figure 9

State and explain the observations made in the experiment when the flask is:

I. Heated **(2mks)**

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II. Cooled **(2mks)**

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(d) Describe an experiment to show that water is a poor conductor of heat. **(3mks)**

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(e) The figure10 below is drawn from an experiment used to compare absorption of heat by dull surfaces and shiny surfaces.

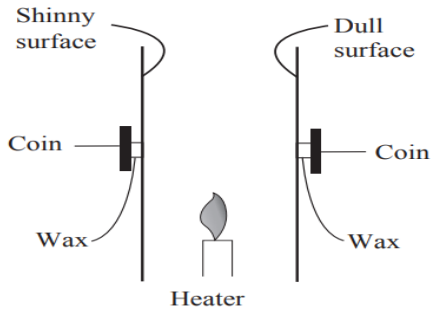


Figure 10

State and explain the observation made at the end of the experiment. **(2mks)**

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18. a) Define the following terms as used in propagation of light, giving an example in each case:

(i) Transparent object. **(1mk)**

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(ii) Translucent object**.** **(1mk)**

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(iii) Opaque object**.** **(1mk)**

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b) State the laws of reflection **(2mks)**

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c) The figure11 shows a dry cell. Name the parts labelled A and D and briefly explain their functions.

(2mks)

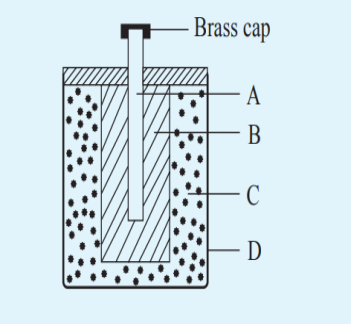


Figure 11

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d) A device allows current of 10A to pass through a point in a circuit for 25 seconds. Calculate the total charge passing through the point within the period. **(3mks)**

e) State one use of a gold-leaf electroscope. **(1mk)**

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