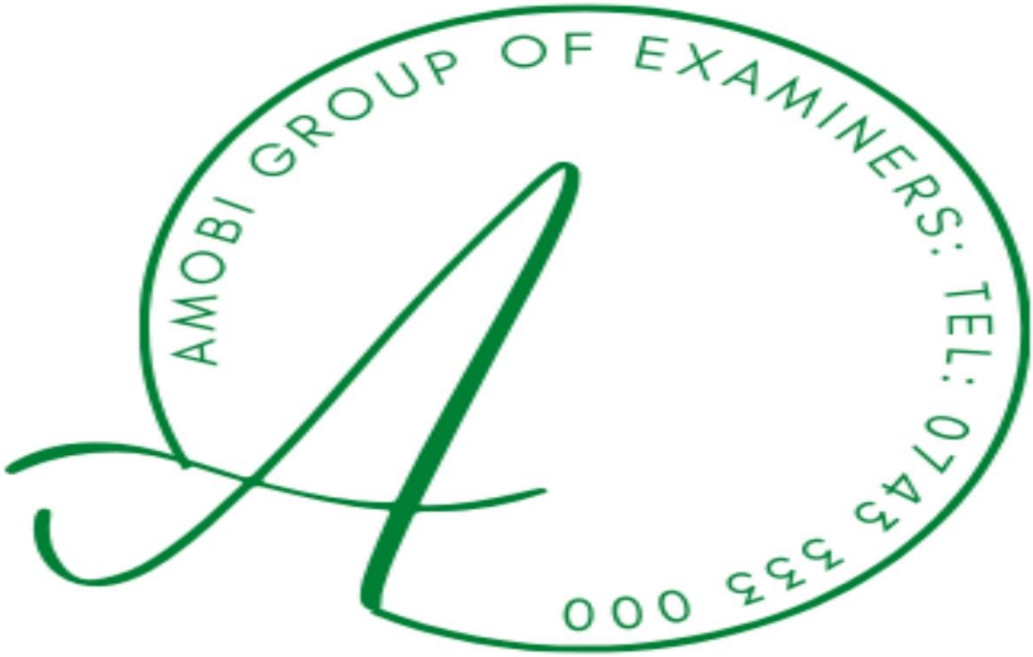
PROGRESSIVE STUDENTS F1 END TERM 2 SERIES 1 EXAMS *(14 SUBJECTS TESTED)*



PROGRESSIVE STUDENTS
FORM ONE
END TERM 2 SERIES 1 EXAMS

Prefer Calling Amobi Group of Examiners @

0743 333 000 or 0706 851 439

For Marking Schemes

***N/B** In Response to the Huge Costs Associated in Coming Up with Such/Similar Resources Regularly, We inform us All, MARKING SCHEMES ARE NOT FREE OF CHARGE. However Similar QUESTIONS, Inform of soft Copies, are Absolutely FREE to Anybody/Everybody. Hence NOT FOR SALE by Amobi Group of Examiners.*

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**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Call Us @

0743 333 000 or 0706 851 439

CALL 0743 333 000 OR 0706 851 439

- Mid/End Term, Pre/Mock Exams
- K.C.S.E Prediction/Forecast Exams
- F1-F4 All Subjects Notes/Topical Qsns
- Updated Schemes of Work/Syllabus
- Acted Set Books Videos/ Guides
- Set Books Essays/Excerpts Qsns
- Past K.C.S.E Papers & Holiday Assignments
- 70 Biology Graphical/Essays Qsns
- 70 Biology Pictorial Practical Qsns
- Poetry & Ushairi Qsns.... e.t.c

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME : ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

TERM 2

AGRICULTURE

FORM ONE (1)

Time: 2 Hours

Instructions

i) Write your name, class and admission number in the space provided above.
ii) Write the date of the examination and sign in the space provided above.
iii) Answer ***all*** the questions in the spaces provided.
iv) You may be *penalized* for wrong spelling especially technical terms.

For Examiner's Use Only

Question	Maximum Score	Candidate's Score
1-21	100	

1.Name **two** areas of study which show that Agriculture is a science **(2mks)**

……

……

……

……

2.Give **two** reasons why Agriculture is important for the development of industries. **(2mks)**

……

……

……

……

3.State **four** main branches of agriculture. **(4mks)**

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

4.List **two** disadvantages of shifting cultivation **(2mks)**

……

……

……

……

……

5. Name **three** soil-forming factors. ` **(3mks)**

……

……

……

……

……

6.State **four** factors farmers face in agricultural production. **(4mks)**

……

……

……

……

……

……

7.Give **three** aspects of light that influence crop production. **(3mks)**

……

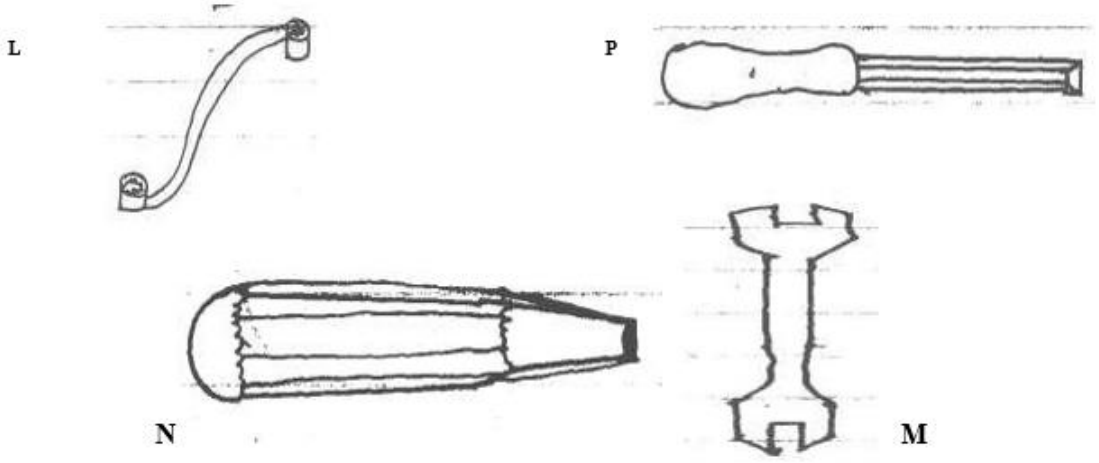
……

……

……

……

8.Below are diagrams of farm tools. Use them to answer the question that follow.



Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

(i) Identify the tools **(4mks)**

L: ……

M: ……

N: ……

P: ……

(ii) State **one** advantage of tool L over M **(1mk)**

……

……

……

(iii) State **one** functional difference between N and P **(2mks)**

……

……

……

……

iv) Give **four** reasons for maintaining farm tools properly. **(4mks)**

……

……

……

……

……

……

9.State **two** reasons for cultivating during dry period. **(2mks)**

……

……

……

……

10. For each of the following Tertiary operations, give one reasons why it is carried out. **(2mks)**

(i) Ridging**…….**

(ii) Rolling **……**

(iii) Leveling**……**

11. Give **four** factors that determine the numbers of times a farmer would harrow his land. **(4mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

13.(i) What is water conveyance? **(1mk)**

……

……

……

……

(ii) Name **two** types of pipes used in the farm. **(2mks)**

……

……

……

……

(iii) State **three** uses of water on the farm **(3mks)**

……

……

……

……

14. State **two** surface irrigation methods. **(2mks)**

……

……

……

……

15. List **two** feature of plastic pipes a farmer should consider before buying the pipes. **(2mks)**

……

……

……

……

……

16. State **five** ways by which soil loses its fertility. **(5mks)**

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

17. Give **three** factors considered when siting compost manure on the farm. **(3mks)**

……

……

……

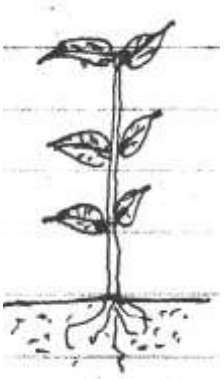
……

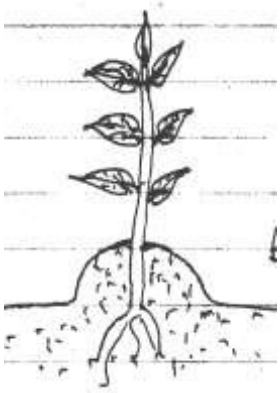
……

……

18. The diagram below shows a practice carried out on various crops on the farm. Study them carefully and answer the questions that follow.

A **B**





(i) Identity the practice represented by B. **(1mk)**

……

……

(ii) State the importance of the above practice in the following crops. **(4mks)**

(a) Maize……

(b) Irish potatoes……

(c) Tobacco……....

(d) Groundnuts……..

iii) At what stage of growth should the above practice be carried out in maize? **(1mk)**

……

……

19. List **three** dairy goat breeds. **(3mks)**

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

20. Name a breed of dairy cattle having the following characteristics: red coat with white marking on the legs, face, tail/switch and girth. **(1mk)**

……

……

21. State **four** characteristics of beef calf that makes it suitable for beef production. **(4mks)**

……

……

……

……

……

……

22. Give **two** advantages of keeping a Jersey cow instead of a Friesian cow for milk production. **(2mks)**

……

……

……

……

23. State **two** adaptations of dromedary camel to its environment. **(2mks)**

……

……

……

……

……

24. Name **four** types of farm record. **(4mks)**

……

……

……

……

……

……

25. Give **two** advantages of organic farming in relation to environmental conservation. **(2mks)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

26. Describe the process involved in water treatment using chemical treatment system. **(12mks)**

……

……

……

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

TERM 2

BIOLOGY (231)

FORM ONE (1)

Time - 2 Hours

INSTRUCTIONS TO CANDIDATES

i) Write your **name** and **Adm number** in the spaces provided above
ii) **Sign** and write the **date** of examination in the spaces provided.
iii) Answer **all** the questions in the spaces provided.
iv) Candidates should check the question paper to ascertain all the pages are printed as indicated and no questions are missing.

FOR EXAMINER'S USE ONLY

Question	Maximum score	Candidate's score
1- 29	80	

1.(a). Name the structures used for locomotion in each of the following organisms. **(2mks)**

i). Euglena.

……

ii). Paramecium.

……

(b) Blackjack (Bidens pilosa) belongs to the family compositae. What is the plant's: **(2mks)**

i).Genus

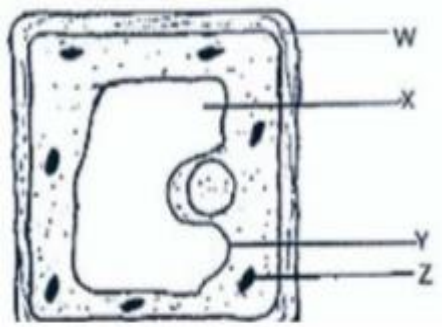
……

ii).Species

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

2. Study the diagram of a cell below and answer the questions that follow.



(a) What chemical material is part W composed of? **(1mk)**

……

……

……

(b) Label on the diagram the part of the cell that controls all the cell activities **(1mk)**

(c) Identify the parts of cell labeled Z and Y**.** **(2mks)**

Z……

Y……

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

……

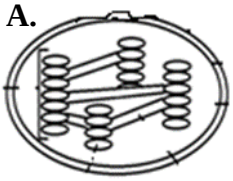
……

……

……

3. Study the diagrams of two cell organelles labeled A and B given below and answer the questions that follow.

A.





B.

(a) Label the following parts on the appropriate diagram: **(3mks)**

Cristae
Matrix
Stroma

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

(b) State the function of organelle A**.** **(1mk)**

……

……

……

(c) State two way in which organelle B is suited for its function. **(2mks)**

……

……

……

……

4. Name the parts of the microscope that determines the following**;** **(2mks)**

(a) Resolving power of a microscope

……

……

(b) Magnification power of a microscope

……

……

5. Give a reason for the following during preparation of temporary slides in microscopy.

(a) Use of stains **(1mk)**

……

……

(b) Lowering of the cover slip gently onto the microscope slide **(1mk)**

……

……

(c) Use of blotting paper **(1mk)**

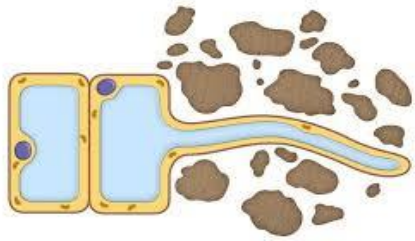
……

……

6. A form one student viewed a specimen under the eye piece lens of X10 and objective lens of X45. Calculate the total magnification of the specimen. (show your working) **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

7. Below is a diagram of a specialized cell in plants under a light microscope.



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

……

……

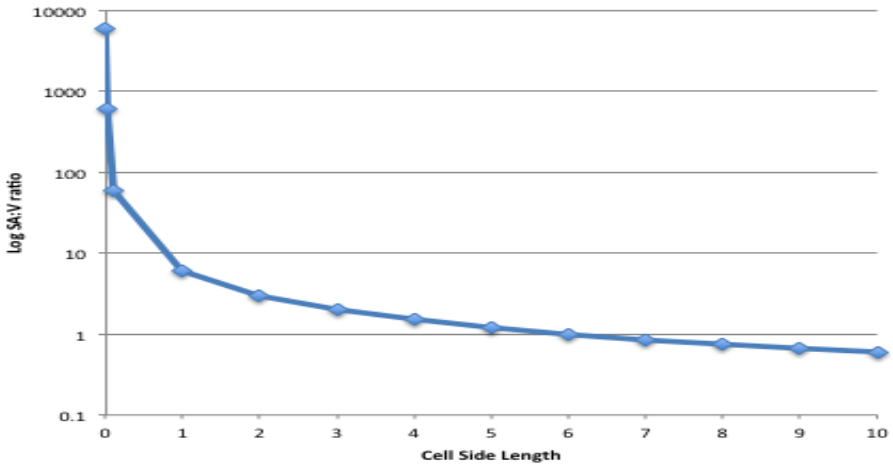
(ii) Give one characteristic that adapt the cell to its function **(1mk)**

……

……

……

8. The graph below shows the relationship between cell size and surface area to volume ratio of different cells.



(a) (i) State the relationship between the surface area and volume ratio of the cells **(2mks)**

……

……

……

……

(ii) Explain how the relationship stated above increase the rate of diffusion **(2mks)**

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

9. A group of students observed 8 cells across the diameter of the field of view of a light microscope. Work out the actual diameter of one cell given that the diameter of the field of view was 5mm. Give your answer in micrometers**.** **(3mks)**

10. Three cylinders of equal length were obtained from peeled raw pawpaw. One was placed in Solution Q1, another Cylinder in Q2 and the third one was left in the open. After 15 minutes, the three cylinders were measured and recorded as shown in the table below

Cylinder placed in:	Initial Length	Final Length
Solution Q1	30mm	33mm
Solution Q2	30mm	27mm
The open	30mm	30mm

(a) Determine the percentage change in length of the cylinders placed in Q1 **(3mks)**

(b) Account for change in length observed in the cylinder placed in solution Q2 **(2mks)**

(c) Why was one of the paw paw cylinders placed in the open? **(1mk)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

11.(a) Define the term Osmosis**.** **(1mk)**

……

……

(b) Why is osmosis known as a 'special Diffusion**"** **(1mk)**

……

……

12. The young one of a cross between a donkey and a horse is called a mule. Why is the mule sterile? **(1mk)**

……

……

……

13. State the functions of the following parts of a microscope **(2mks)**

(a) Condenser

……

……

(b) Diaphragm

……

……

14. Name two cells of a leaf that undertake photosynthesis. **(2mks)**

……

……

……

……

15. Differentiate between Plasmolysis and Haemolysis**.** **(2mks)**

……

……

……

16. Name the tissue in animals responsible for the following functions. **(2mks)**

(a) Connect and hold tissues and organs together

……

……

(b) Line and protect internal and external surfaces of organs

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

17.(a) Define the term Diffusion. **(1mk)**

……

……

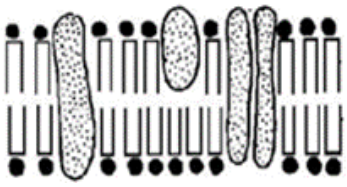
……

(b) Give one factor that increase the rate of diffusion. **(1mk)**

……

……

18. The diagram below is a structure found in cells.



(a) Label on the diagram the following: **(2mks)**

Pore

Protein molecule

(b) State two properties of the above structure**.** **(2mks)**

……

……

……

……

19. Identify the functions of the following specialized cells in living systems **(3mks)**

(a)



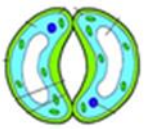
……

(b)



……

(c)



……

20.(a) State two ways the leaf veins of a leaf are important in the process of photosynthesis **(2mks)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

(b) Give two reason why glucose has to be converted into starch immediately after photosynthesis. **(2mks)**

……

……

……

……

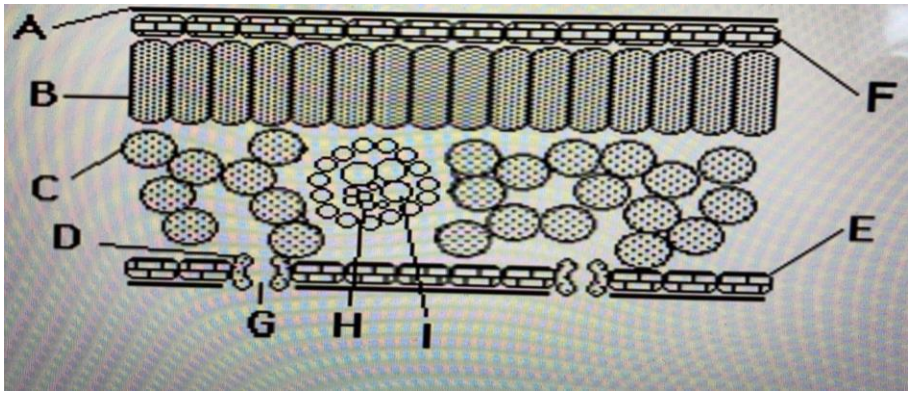
21. Arrange the following from the most complex to the simplest. **(1mk)**

Organ, Organism, Cell, Organ system, Organelle, Tissue

……

……

22. The following is a cross section of a leaf of a plant.



(a) Identify the cells labeled **F** and **B.** **(2mks)**

F: ……

B: …….....

(b) What is the importance of region **G** to photosynthesis. **(2mks)**

……

……

……

……

(c) Give two reasons to show that region where cell **B** are, is more suited to photosynthesis than region where cell **C** are found**.** **(2mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

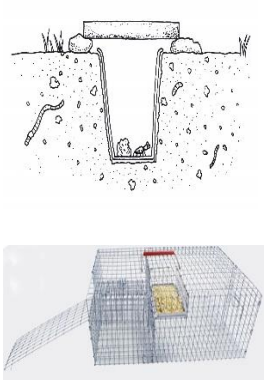
(d) Identify the parts labeled **A**, **E** and **I.** **(3mks)**

A. ……

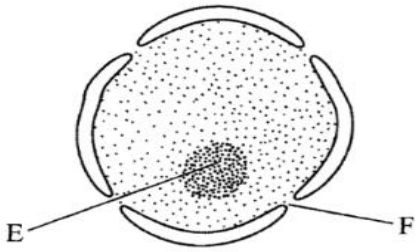
E ……

I. ……

23. Identify and give the functions of the following laboratory equipment. **(6mks)**

Equipment	Name	Function
		
		

24. Study the diagram of nucleus of a cell below and answer the questions that follow.



(a) Identify the parts labeled **E** and **F.** **(2mks)**

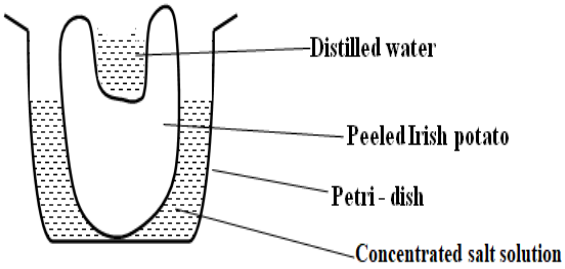
……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

25. A student set up an experiment on a physiological process as shown below.



(a) Name the physiological process under investigation. **(1mk)**

……

……

(b) Suggest the result at the end of the experiment. **(1mk)**

……

……

……

(c) With a reason, suggest the result of the experiment if the if the Irish potato was boiled. **(1mk)**

……

……

……

Reason. **(2mks)**

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

BUSINESS STUDIES

FORM ONE (1)

Time - 2 Hours

INSTRUCTIONS TO CANDIDATES

a) Write your name and Index number in the spaces provided above.

b) Write the date of examination in the spaces provided above.

c) Answer **ALL** the questions.

d) **ALL** answers must be written in the spaces provided in this booklet.

FOR EXAMINER'S USE ONLY

Question	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
Marks													

Question	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
Marks													

1. State the term given to each of the following statements as used in business studies. **(4mks)**

Statement	Term
Movement of goods and services from producers to consumers	
Creation of goods and services	
Using a good or service	
Satisfaction derived from using a good or service.	

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

2. Give four sources of business ideas. **(4mks)**

……

……

……

……

……

……

3. Outline four measures taken by an official business to safeguard an organization's property. **(4mks)**

……

……

……

……

……

……

4. Outline four advantages of an enclosed office layout. **(4mks)**

……

……

……

……

……

……

5. State four factors of production giving a reward for each. **(4mks)**

……

……

……

……

……

……

6. Identify the external environmental factors affecting business operations as described by the following. **(4mks)**

Statement	Factor
Law and policies that regulate business activities.	
Affects buyer's ability to buy commodities offered by a business.	
Firms selling similar products trying to outdo each other.	
Dictates how people live and what products they consume.	

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

7. Give four reasons why office documents should be filed. **(4mks)**

……

……

……

……

……

……

8. Outline four reasons why choice is important in the satisfaction of human wants. **(4mks)**

……

……

……

……

……

……

9. Highlight four roles of an entrepreneur in an economy. **(4mks)**

……

……

……

……

……

……

10. Identify four characteristics of land as a factor of production. **(4mks)**

……

……

……

……

……

……

11. Identify four characteristics of economic resources **(4mks)**

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

12. A form four School leaver intends to start a business. Outline four ways in which knowledge of business studies will benefit him**.** **(4mks)**

……

……

……

……

……

……

13. Identify the component of business studies described below. **(4mks)**

	Description	Component
a)	Human activities that assist trade to take place	
b)	A clear orderly way of recording business activities for easier decision making.	
c)	Activities such as communication, filing, and reproduction of documents carried out in an office	
d)	Understanding how human being attempt to meet their endless wants from very scarce materials	

14. State **four** ways in which Kenya as a country can conserve its economic resources. **(4mks)**

……

……

……

……

……

……

15. Outline **four** ways in which the legal political environment can influence the activities of a business. **(4mks)**

……

……

……

……

……

……

16. State **four** advantages of a franking machine. **(4mas)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

17. Highlight **four** difficulties faced in satisfaction of human wants**.** **(4mks)**

……

……

……

……

……

……

18. Highlight **four** factors that may lead to the success of a business enterprise. **(4mks)**

……

……

……

……

……

……

19. Give **four** reasons why shelter is a basic human want**.** **(4mks)**

……

……

……

……

……

……

20. State the level of production that matches the following occupations **(4mks)**

	Occupation	Level of production
a.	Carpentry	
b.	Lumbering	
c.	Fishing	
d.	Banking	

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

21. Highlight **four** reasons why most organizations prefer locating their offices in the outskirts of town. **(4mks)**

……

……

……

……

……

……

22. Outline four characteristics of direct production. **(4mks)**

……

……

……

……

……

……

23. Outline four consequences of a poor filing system in an organization. **(4mks)**

……

……

……

……

……

……

24. Highlight four benefits of a business plan to an entrepreneur. **(4mks)**

……

……

……

……

……

……

25. State the best type of machine one would use to perform the following tasks**.** **(4mks)**

	Functions	**Type of machine**
(a)	To fold documents put them in an envelope and seal them	
(b)	To destroy sensitive but unwanted documents	
(c)	To make exam copies of a certain original document	
(d)	To trim papers to the required sizes	

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

CHEMISTRY (233)
FORM ONE (1)
Time - 2 Hours

INSTRUCTIONS TO CANDIDATES:

(i) Write your **Name**, **Admission number**, **Stream** and **Date** of the examination in the spaces provided above.

(ii) Answer ALL the questions in the spaces provided.

(iii) Mathematical tables and silent electronic calculators may be used.

(iv) All working must be clearly shown where necessary.

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

For Examiner's Use Only

Questions	Maximum Score	Candidate's Score
1 –23	80	

1. (a) Meshack, a form one student wanted to measure exactly 25cm^3 of dilute hydrochloric acid for an experiment. Name the most suitable apparatus that he should use to take the measurement. **(1mk)**

……

……

……

(b) Give one reason why a glass apparatus will be preferred when taking the measurement in (a) above. **(1mk)**

……

……

……

2. The table below shows the solubility of three solids P, Q, and R.

Solid	Cold Water	Hot water
P	Soluble	Soluble
Q	Insoluble	Insoluble
R	Insoluble	Soluble

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Describe how you would obtain pure samples of R, P and Q **(3mks)**

……

……

……

……

……

3.The P^H values of some solutions are given below

P^H	14.0	1.0	8.0	6.5	7.0
Solution	M	L	N	P	Z

(a) Identify the solution with the lowest concentration of hydrogen ion. Give reason for your answer **(1mk)**

……

……

……

(b) Which solution would be used as an anti-acid for treating stomach upset? Give a reason for your answer **(1mk)**

……

……

……

(c) What are the natures of solutions M and L? **(1mk)**

……

……

……

(d) Which solution is likely to be that of calcium hydroxide? **(1mk)**

……

……

(e) Select the solution in which a sample of magnesium oxide is likely to dissolve. Give a reason for your answer **(2mks)**

……

……

……

……

4.Distinguish between a Mixture and a Compound **(2mks)**

……

……

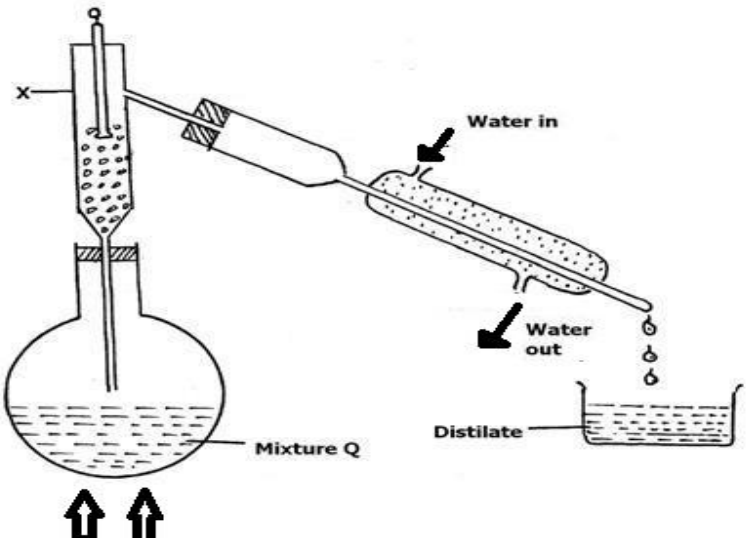
Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

5. In an experiment to separate a mixture Q of two miscible liquids, Liquids N (B.P 56°C) and liquid M (B.P 118°C) a student set up the apparatus as shown.



a) What makes it possible to separate substances using this method? **(1mk)**

……

……

b) Name X **(1mk)**

……

……

c) What is the purpose of the apparatus labelled X? **(1mk)**

……

……

d) Identify one mistake in the set up **(1mk)**

……

……

……

e) Which liquid was collected in the beaker as the first distillate? **(1mk)**

……

……

……

f) What method would the student use to test the purity of the distillates obtained **(1mk)**

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

g) Give any one way of increasing the efficiency of this method so as to produce purer components. **(1mk)**

……

……

h) Give any one industrial application of this method of separation of mixtures. **(1mk)**

……

……

6.A form one student mixes sodium chloride and water. Give the names of the following

(a) The solute **(1mk)**

……

……

(b) The solvent **(1mk)**

……

……

(c) The solution **(1mk)**

……

……

7.A Bunsen burner produces two types of flames.

(a) Name the two types of flames. **(1mk)**

……

……

……

(b) Give any two differences between the two types of flames named in (a) above **(2mks)**

……

……

……

……

8.Describe how to obtain Elianto oil from maize seeds. **(2mks)**

……

……

……

……

9.Dilute sulphuric (VI) acid was added to a compound P of zinc. The solid reacted with the acid to form a colorless solution Q, and gas R which formed a white precipitate when passed through lime water.

(a) Name:

(i) Compound P **(1mk)**

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

(ii) Solution Q **(1mk)**

……

……

(iii) Gas R **(1mk)**

……

……

(b) Write a word equation for the reaction which took place when dilute sulphuric(VI)acid was added to compound P. **(1mk)**

……

……

(c) State the observation that would be made if a similar compound of calcium was used in place of that of zinc. Explain. **(2mks)**

……

……

……

……

10. (a) Distinguish between an acid and a base. **(2mks)**

……

……

……

……

(b). Consider the following reagents:

Soda, Quencher, Sodium Chloride solution, distilled water and wood ash solution.

Complete the table below using the above reagents: **(1 1/2mks)**

Nature	Reagent(s)
Acidic	
Basic	
Neutral	

(c) Name the three common acid-base indicators and state their colours in acidic and basic media. **(4 1/2mks)**

Indicator	**Colour in acid**	**Colour in a base**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

11. (a) Define the term 'element' **(1/2 mk)**

……

……

(b). Name the elements present in each of the following compounds.

(i) Magnesium sulphate **(1 1/2 mks)**

……

……

……

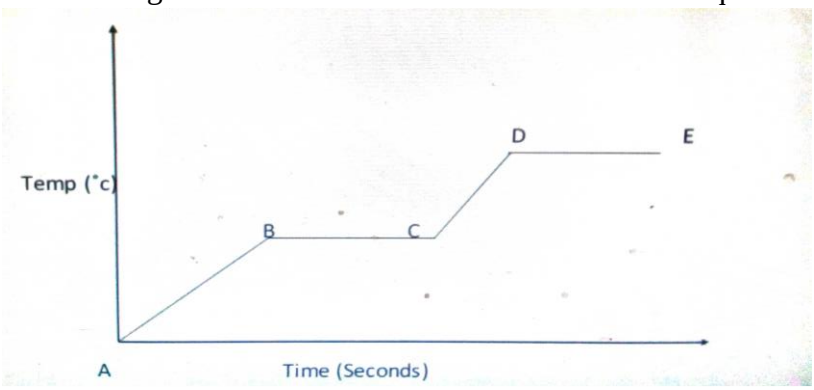
……

(ii) Iron (II)sulphide **(1mk)**

……

……

12. The graph shown below is heating curve of solid substance. Use it to answer questions below



Using kinetic theory of matter explain what happens in the following regions

AB **(2mks)**

……

……

……

……

BC **(2mks)**

……

……

……

……

CD **(2mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

13. Explain the following

(a) Boiling tube is usually more suitable for boiling liquids than a test tube **(1mk)**

……

……

……

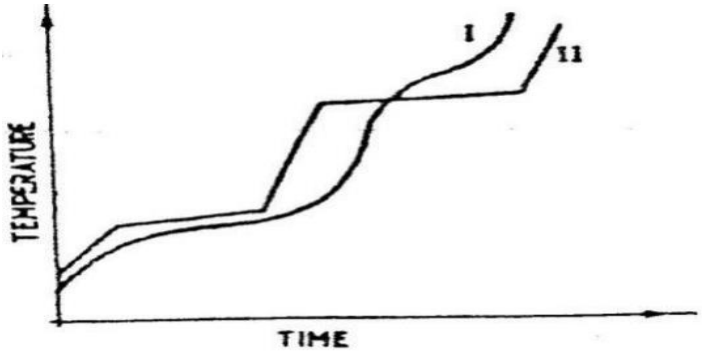
(b) Round bottomed flask is preferred for fractional distillation and not a flat bottomed flask **(1mk)**

……

……

……

14. The curve below represents the variation of temperature with time when pure and impure samples of solid were heated separately



Which curve shows the variation of temperature for the pure solids? Explain **(2mks)**

……

……

……

……

15. Complete the table below. **(3mks)**

Element	Latin name	Symbol
Potassium		K
	Natrium	
silver	Argentums	
	Aurum	

16. State the function of the following apparatus in the laboratory. **(2mks)**

a) Deflagrating spoon

……

……

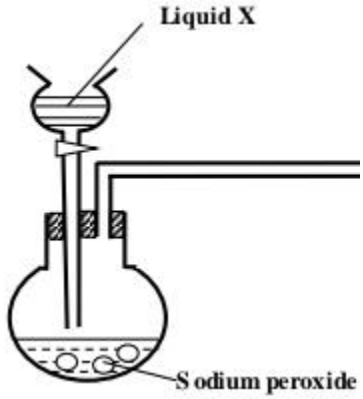
Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

b) Desiccators

……

……

17. The diagram below is a set up for the laboratory preparation of dry oxygen gas.



(a) Complete the diagram to show how a dry sample of oxygen gas can be collected. **(3mks)**

(b) Name liquid X **(1mk)**

……

……

(c) Write a word equation for the reaction that took place in the flask. **(1mk)**

……

……

18. State the best method to separate the following mixtures

a) Components of crude oil **(1mk)**

……

……

b) Oil from sunflower seeds **(1mk)**

……

……

c) Coloured pigment from grass **(1mk)**

……

……

19. Hydrated copper (II) sulphate exists as blue crystals while anhydrous copper (II) sulphate is a white powder. Describe a laboratory experiment that can be used to show that the action of heat on hydrated copper (II) sulphate is a reversible reaction **(3mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

20. A patient was given tablets with prescription 2 x 3 on the envelope. Clearly outline how the patient should take the tablets. **(2mks)**

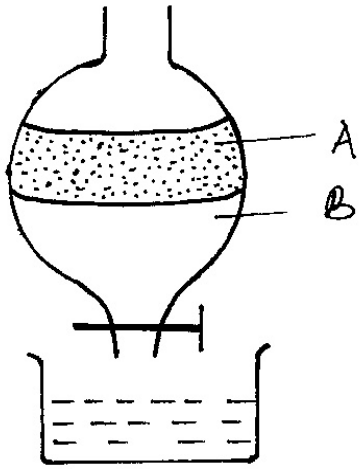
……

……

……

……

21. The apparatus below was used to separate a mixture of liquid A and B.



(a) Name the method of separation shown. **(1mk)**

……

……

(b) Give the possible identities of liquids A and B **(1mk)**

A……..

B……..

(c) State one property of the liquids that make it possible to separate them using such apparatus. **(1mk)**

……

……

……

22. Pure naphthalene has a melting point of 80.2^{o}C. What is the effect of adding camphor to the pure naphthalene on its melting point? **(1mk)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

23. What role do the following play in the commercial preparation of oxygen?

(a) Concentrated sodium hydroxide **(1mk)**

……

……

……

(b) Concentrated sulphuric(IV)acid **(1mk)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

TERM TWO EXAMINATIONS

COMPUTER STUDIES
FORM ONE
TIME – 2 ½ HOURS

INSTRUCTION TO CANDIDATES

- Write your name and admission number in the spaces provided above
- Answer **ALL** questions
- All answers should be written in the spaces provided on the question paper

Answer all Questions

1.Identify the input devices shown below **(6mks)**

Name:	Name:	Name:
		
Name:	Name:	Name:
		

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

2. Explain four types of Read-only Memory. **(4mks)**

……

……

……

……

……

……

3.List four logical operations carried out by the Arithmetic Logic Unit **(4mks)**

……

……

……

……

……

……

4.State five application areas of digital camera **(5mks)**

……

……

……

……

……

……

5.Name five types of keyboards (**5mks)**

……

……

……

……

……

……

6.Give five factors to consider when choosing an input device **(5mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

……

7.State five differences between Static RAM and Dynamic RAM (**5mks)**

……

……

……

……

……

……

……

8.State five challenges experienced by Computers users who rely on Cathode Ray tube Monitors for display **(5mks)**

……

……

……

……

……

……

……

9.Briefly describe five reasons which make microcomputers suitable for personal computing work **(5mks)**

……

……

……

……

……

……

……

10. Explain how computers are used in the following areas

(i) Universities **(5mks)**

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

(ii) Health facilities like Hospitals **(5mks)**

……

……

……

……

……

……

……

11. Name five activities that are likely to cause a repetitive strain injury (RSI) called eye strain. (**4mks)**

……

……

……

……

……

……

12. State four differences between primary memory and secondary memory **(4mks**)

……

……

……

……

……

……

13. Explain the following terms as used in computing

(a) POST **(2mks)**

……

……

……

(b) BIOS **(2mks)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

(c) Firmware**(2marks)**

……

……

……

14. List five characteristics of the fifth generation computers **(5mks)**

……

……

……

……

……

……

……

15.

(i) Name three examples of softcopy output devices **(3mks)**

……

……

……

……

……

(ii) Kameno Construction Company intends to buy output devices they can use to produce road plans, maps, and invoices. State two output devices you would advise the company to buy **(2mks)**

……

……

……

……

(iii) Give a reason for each choice in (ii) above **(2mks)**

……

……

……

16. Kimani bought a flash drive of 8GB to store his personal files. He used half of it to save audio files, a quarter to save video clips, and half of the remainder to keep application programs

(i) Work out the space used to store application programs in Megabytes **(3mks)**

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

(ii) Calculate the free space in flash **(3mks)**

……

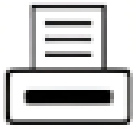
……

……

……

……

17. On a computer, there are various ports that have various symbols which indicate where the various peripheral devices are connected. Identify the following symbols. **(4marks)**

Symbol	Name	Symbol	Name
			
			

18. Karema and Justine wanted to acquire computers for their personal use. Karema bought a laptop at 70,000/= while Justine acquired a Desktop at 25,000. Suggest four factors that are likely to make Karema's computer to be more expensive **(4mks)**

19. State the unit of measure for the following quantities in a computer.

- Monitor size_____
- Processor speed_____
- Hard disk capacity _____

20. Name three devices required to be on a computer to enable it to support multimedia functions. (**3mks)**

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

CRE PAPER
FORM ONE
Time 2 Hrs

ANSWER ALL QUESTIONS IN THE SPACES PROVIDED

1a) Give the difference in the accounts of creation 1 and 2 **(6mks)**

……

……

……

……

……

……

……

……

b) Identify the responsibility given to human beings in the Biblical creation stories **(8mks)**

……

……

……

……

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

c) What are the consequences of breaking taboos in traditional African communities? **(6mks)**

……

……

……

……

……

……

……

……

2a) Identify Eight Historical books **(8mks)**

……

……

……

……

……

……

……

……

……

b) Give five reasons why the Bible is important to Christians **(5mks)**

……

……

……

……

……

……

……

c) Identify seven versions of the Bible used by the church in Kenya **(7mks)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

……

……

……

……

……

……

3a) State five characteristics of Gods covenant with Abraham **(5mks)**

……

……

……

……

……

……

……

……

b) Give reasons why circumcision was important to the Jews **(5mks)**

……

……

……

……

……

……

……

c) What lessons do Christians learn from the incident when Abraham was willing to sacrifice his son **(5mks)**

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

4a Describe the call of Moses (Exodus 3:1-22) **(8mks)**

……

……

……

……

……

……

……

……

……

……

b) Identify five ways in which God revealed Himself to the Israelites on Mount Sinai **(5mks)**

……

……

……

……

……

……

……

c) What do Christians learn about the nature of God from the Exodus **(7mks)**

……

……

……

……

……

……

……

……

……

5a) Give reasons why the Israelites asked Samuel to appoint a King for them. **(7mks)**

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

……

……

……

……

……

……

……

b) State seven functions of the temple in the Jewish community **(7mks)**

……

……

……

……

……

……

……

……

……

……

……

c) State **six** practices of idolatry during the time of Prophet Elijah **(6mks)**

……

……

……

……

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 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 11 printed pages.

FOR EXAMINER'S USE ONLY

QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE
1. IMAGINATIVE WRITING	20	
2. COMPREHENSION	20	
3. ORAL SKILLS	20	
3. ORAL NARRATIVE	20	
4. GRAMMAR	20	
	100	

1.IMAGINATIVE COMPOSITION **(20MKS)**

Write a composition beginning with **:**

One look at his face and I knew I would regret my actions for the rest of my life…

……

……

……

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

2.Read the passage below and answer the questions that follow. (20 Marks)

A Matter of Wife or Death!

The idea was ludicrous. Arnold and Linda Karomaindo stood a few feet from the front door listening to Harry. Looking at Harry stand ing there in desperation made Arnold want to cry and laugh all at the same time. He wanted to cry because he knew he would probably consent to Harry's crazy proposal. He also wanted to laugh because it was not the first absurd idea Harry had sprung on them. Linda did not find anything funny in Harry's proposition. As a matter of fact, she was very close and wanted him to go away. She clung on to her husband's left hand which remained akimbo the entire time that Harry **babbled** on.

'So, let me understand this. You want to borrow my wife!' Amusement and disbelief weren't lacking in Arnold's tone. 'She is not a bowl of sugar, Harry,' Arnold continued with a touch of seriousness this time. 'She is a human being and my wife for that matter.'

Linda turned to face her husband. The look in her eyes was murderous enough to **curdle** milk. She didn't like where the conversation was going one bit. Arnold understood but kept his cool. Linda had not taken a liking to Arnold's college friends and Harry was no exception. Her tolerance was regulated by the simple fact that she was married to Arnold. According to her, Arnold had very little in common with his college mates yet after four years of marriage, he still had a baggage of parasitic friends orbiting his life. The worst of them was Harry. What **irked** Linda most about Harry was that he lived next door.

'It's crazy, Harry. I'm not doing it!' Arnold opposed, slowly shaking his head.

Linda smiled. Harry was losing.

'Arnold, please! I won't bring you any more trouble. I promise, 'Harry pleaded.

'That's what you said last month with the tiger incident,' Arnold reminded Harry.

How could Harry forget the incident? Only a month and a half ago, he had Arnold and Linda babysit a baby tiger he claimed to have adopted during the trip to Shanghai. Linda had wanted nothing to do with it but her husband gave in to Harry. Their tattered furniture was nothing compared to the court case that followed two weeks later. The Chinese government reported kittens missing from one of their zoos for endangered species. Amnesty from the government had saved Harry from a prison sentence, but Linda had sworn not to let him **meddle** with their lives again.

Right now, Harry's fix did not involve a baby tiger. It involved a fully -grown tiger-his mother. Unlike the Chinese government, Harry's mother would grant no amnesty to a lying son who claimed that he was married a lovely girl from Kilifi for two months now. Harry had sent home false details of the splendour of the wedding and the honeymoon in Zanzibar. He claimed that he had not wanted to inconvenience the entire family by having them travel to the city for a wedding around Christmas time.

Harry had been under pressure to be the all-providing relative who never went broke. Financial leeches are what he called his relatives. His motive was to avoid a family gathering at his house for the next two years. He told the

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

wedding lie, hoping the family would give him time to bond with his wife. Harry's mother, however, would have none of it. She decided that she would travel to see the bride herself.

Harry now stood at his best friend's house with one need. His mother was in a taxi fifteen minutes away. He needed to borrow a wife. It was a matter of *wife* or death!

(By Ernest Wamboye Wakhusama)

Questions.

a. What is the name of Arnold's wife? **(1Mk)**

.....

.....

b. Where had Harry claimed to have got the baby tiger**?** **(2Mks)**

.....

.....

.....

.....

c. Why is Harry's mother travelling to the city? **(2Mks)**

.....

.....

.....

.....

d. What was the reason that motivated Harry to tell a wedding lie? **(2Mks)**

.....

.....

.....

.....

e. What, in the first paragraph, signals the fact that Harry is likely to win? **(2Mks)**

.....

.....

.....

.....

f. Do you find Linda fair in her attitude towards Arnold's friends? Explain you answer **(2Mks)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

g.If you were Harry, how else would you have handled the situation without adding a lie to another lie? **(2mks)**

.....

.....

.....

.....

h. Harry is portrayed as a deceitful character in this story, identify two instances from the story which illustrate it. **(2Mks)**

.....

.....

.....

.....

i. For how long was Arnold and Linda married**?** **(1Mk)**

.....

.....

.....

j. Explain the meaning of the following words as they have been used in the passage. **(4Mks)**

i. Babbled

.....

.....

.....

ii. Curdle

.....

.....

iii. Irked

.....

.....

iv. Meddle

.....

.....

3.ORAL SKILLS

a.Read the poem below and answer the questions that follow.

To My Sister by William Wordsworth

It is the first mild day of March:
Each minute sweeter than before
The redbreast sings from the tall larch
That stands beside our door.

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

There is a blessing in the air,
Which seems a sense of joy to yield
To the bare trees, and mountains bare,
And grass in the green field.

My sister! ('tis a wish of mine)
Now that our morning meal is done,
Make haste, your morning task resign;
Come forth and feel the sun.

Questions.

a) Who is the speaker/persona, illustrate your answer with evidence from the poem. **(2Mks)**

.....

.....

.....

.....

b) Describe the rhyme scheme of the poem**.** **(2Mks)**

.....

.....

.....

.....

c) Give two instances of alliteration**.** **(2mks)**

.....

.....

.....

.....

d) Give two instances of assonance from the poem. **(2Mks)**

.....

.....

.....

.....

e) Identify any two pairs of rhyme/rhyming words from the poem. **(2Mks)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

f) Give another word pronounced the same as: **(2Mks)**

i. Bare……

ii. March…….

iii. First……..

g. Underline the silent letters in the following words. **(4Mks)**

i. Debris

ii. Ballet

iii. Isle

iv. Depot

h. During a private study reading session in class, your deskmate notes that you have poor reading habits. State four reasons that may have made him/her say so.**(4Mks)**

……

……

……

……

……

……

4. Read the oral narrative below and then answer the questions based on it.

Lion and Hare

A long time ago there were two great friends. They were the Lion, the chief of the animals and the Hare. Each of these friends was married. But one day after a suggestion by Hare, the two friends decided to kill their wives to remain alone. Lion told hare that each one's wife should be heard screaming to death. And each friend went home saying: "My wife will know who I am today".

On his arrival home, Hare summoned his wife and told her that he and his friend had decided to kill their wives. But he added that he was not going to kill her. He told her to hide in a nearby bee hive. Hare told her: "When you hear me hit this drum, you scream because Lion wants to hear you scream to death".

When Hare started beating the drum, his wife screamed as she had been instructed. When Lion heard the screams of his friend's wife, he beat his wife to death. Hare took his wife and hid her in the hive and warned her against coming out of it in case she was seen by Lion.

Lion and Hare continued with their friendship. They shared everything they got, including food. Whenever food was ready, Hare deceived Lion that he was having a stomach ache. He would then go to the bush taking his food

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

with him. This way he would feed his wife so that she did not starve. He hid his wife and fed her like this for a long time.
One day, Hare's trick was discovered by Lion. The lion was so angry that he decided to kill Hare's wife. So, one day when Hare had gone on a short journey, Lion killed Hare's wife.
When hare came back and discovered that his friend had killed his wife, he went and lit a huge fire. He called his friend and told him, "Lion, you are the king of all animals. I want you to prove that you are the king of all animals. I want you to prove that you are
really big by jumping over this fire to the other side of it.
"You start jumping over it,' Lion answered Hare. Hare jumped as high as he could over the fire and landed on the other side. Lion tried as hard as he could jump over the fire but instead, he landed in the middle of it. He screamed and called for help saying:
"My friend, come and rescue me! I am burning!" Lion screamed and screamed for help. But since there was no one coming, he burnt to death. Hare was happy to see the killer of his wife dead. That is the end of the story.

Questions

i. Classify the above narrative, giving illustrations to support your answer from the story**.** **(2mks)**

.....

.....

.....

.....

ii. Give an example of each of the following features used in the story. **(4mks)**

a. Opening formula -**…….**

b. Closing formula -**……..**

c. Repetition -**……**

d. Personification –**……**

iii. What lesson do we learn from this story? Explain your answer clearly by giving an illustration from the story. **(2mks)**

.....

.....

.....

.....

iv. Apart from the above type of story, list four other types of narratives. **(4mks)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

v. Give three functions of oral literature. **(3mks)**

.....

.....

.....

.....

.....

vi. Explain the meaning of the following terms used to refer to the types of audiences in oral literature storytelling sessions:

a. Active audience **(1mk)**

.....

.....

b. Passive audience **(1mk)**

.....

.....

vii. If you were to narrate the above narrative before your classmates, state any three qualities of a good storyteller you should have. **(3Mks)**

.....

.....

.....

.....

.....

.....

5.GRAMMAR

1.Fill in the blanks with the plural form of the noun provided in brackets. **(3Mks)**

a.All his……died during the dry season. (sheep)

b. There are many active …… in Japan. (volcano)

c.My neighbour keeps a flock of ……in his compound. (goose)

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

2.Fill in the blanks in the following sentences using the correct articles ‘a’, ‘an’ or ‘the.’ **(3Mks)**

i. Nyabuti is **……..**honest man.

ii. You don’t know **…….** trouble I have got myself into.

iii. I need to buy **……**umbrella before the rainy season.

3.Use the correct reflexive pronouns to fill in the blanks in the sentences below. **(3Mks)**

a. The rat hid **……**in the cupboard.

b. Kamanda hurt **……**badly in the game.

c. The principal said we should behave **……**well at the fair.

4.Choose the correct alternatives from the brackets to fill the gaps. **(3Mks)**

a. Every child **……..**a good education. (deserve/deserves)

b. Mr Semba and his wife do not **……..**loud music. (play/plays)

c. Kayleigh does not **……**once it is dark. (drive/drives)

5.Fill in the following gaps using the simple past tense form of the verb in brackets. **(3Mks)**

i. Gael ……to read rather than go for a walk. (choose)

ii. They …….the assignment on time. (finish)

iii. The child who ……..the dirty water has been taken ill. (drink)

6.Complete the following sentences. Use the correct form of the adjective given in brackets. **(3Mks)**

a. He was the ……..warrior of all time. (fierce)

b. She is the …….girl in the school. (tall)

c. A cat is ……..than the dog. (intelligent)

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

7.Use ‘or’, ‘but’ or ‘and’ to combine the pairs of sentences. **(3Mks)**

i.She is poor. She is honest.

ii. Our basketball team played well. Our basketball team lost the game.

iii. You can wait for me. You can go on your own.

8.Complete the following sentences using ‘in’, ‘on’ or ‘at’. **(3Mks)**

i. It gets very cold here……. June and July.

ii. Our examinations begin ……. Thursday next week.

iii. I celebrate my birthday …….29th February every four years.

9.Form the adverb from the adjective in the brackets and use them to complete the sentences. **(2Mks)**

a. Kalmin speaks French**……** (fluent)

b. Kwamboka walked**…….**past the sleeping dog. (quiet)

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

GEOGRAPHY 312
FORM 1
Time: 2½ Hours

SECTION A: 25 MARKS

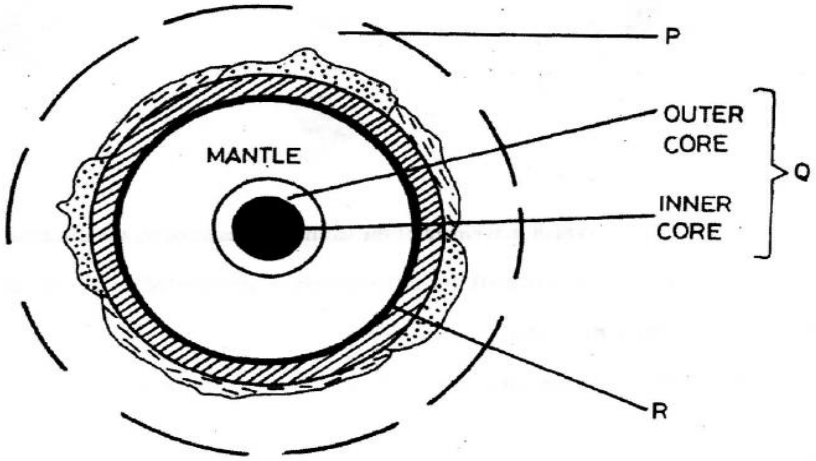
*Answer **ALL** questions in this section.*

1.(a) What is physical Geography? **(2mks)**

(b) Give **three** divisions of physical Geography. **(2mks)**

2. State **four** effects of rotation of the earth **(4mks)**

3. The diagram below shows the structure of the earth. Use it to answer the question that follows.



(a) Name the parts marked P and Q. **(2mks)**

(b) Describe the composition of the crust **(3mks)**

4.(a) Define the term solar system. **(2mks)**

(b) Using a well labelled diagram describe the occurrence of the solar eclipse. **(5mks)**

5.(a) Give **two** local winds that are found in Kenya**.** **(2mks)**

(b) State **three** conditions that are necessary for formation of dew. **(3mks)**

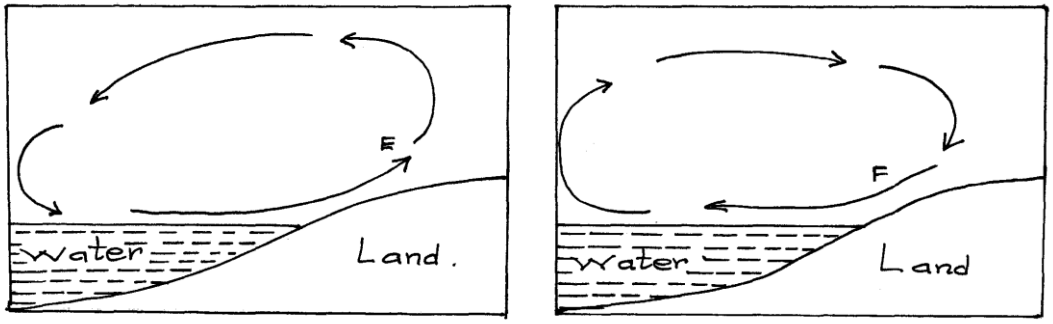
Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

SECTION B: Answer all the questions

6.a) (i) Define the term Geography **(2mks)**

(ii) What is the relationship between Geography and Biology. **(2mks)**

b) Use the diagram below to answer the following questions



i) Name the air currents marked E. **(1mk)**

ii) Explain why the air current marked F flows at night. **(3mks)**

iii) Describe how air cools as it rises. **(2mks)**

(c) i) Differentiate between relative humidity and absolute humidity. **(2mks)**

ii) Explain four factors that influence humidity. **(8mks)**

(d) State five effects of weather on human activities. **(5mks)**

7.The table below shows temperature and rainfall recorded in town X. Use it to answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp. 0C	19	21	21	20	18	18	17	17	19	20	20	20
Rainfall (mm)	55	47	119	207	168	35	27	27	14	75	164	66

a) (i) Identify the month with the lowest rainfall. **(1mk)**

(ii) Calculate the mean annual rainfall. **(2mks)**

(iii) Determine temperature range for the year. **(2mks)**

(b) (i) Draw a simple bar graph to represent rainfall for town X. **(6mks)**

(ii) State four advantages of using above method to represent data. **(4mks)**

(c)(i) Define the term statistics. **(2mks)**

(ii) State four reasons why statistics is important. **(4mks)**

(iii) Name four methods of recording data. **(4mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

8.(a) (i) Define the following terms:

- Map
- Plan
- Picture **(6mks)**

(ii) State four qualities of a good sketch map. **(4mks)**

(iii) Besides sketch map name two other types of maps. **(2mks)**

(b)(i) Name three types of field work. **(3mks)**

(ii) State four reasons why fieldwork is important. **(4mks)**

(c) Your class intends to conduct fieldwork in a nearby urban centre.

(i) State three preparations you would make. **(3mks)**

(ii) Suggest any three follow up activities you would engage in. **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 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

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

Answer **ALL** QUESTIONS.

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

Candidates should answer the questions in English

1. Identify the type of government that is headed by the highest social class in the society. **(1mk)**

2. Give the main source of History and Government for the Kenyan Communities during the Pre-colonial period. **(1mk)**

3. Name two groups of people that form the Plain Nilotes of Kenya. **(2mks)**

4. Identify the main unique feature of the Abawanga Political organization during the Pre-Colonial period. **(1mk)**

5. Mention two early forms of writing that developed in as a result of early agriculture. **(2mks)**

6. Name the tools made by the early man during the second phase of the old stone age period **(1mk)**

7. Give two advantages of the upright posture to the early man. **(2mks)**

8. Give two inventions by Jethro Tull led to the Agrarian revolution in Britain. **(2mks)**

9. Name two councils of elders among the Nandi. **(2mks)**

10. Identify two cultural practices that the Bantus borrowed from the Southern Cushites**.** **(2mks)**

11. Give two types of dwellings that were used by the early man during the early stone age. **(2mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

12. State two functions of the Council of elders among the Akamba during the colonial period. **(2mks)**

13. Give two methods that were used by the early man to find food during the Stone Age period. **(2mks)**

14. Give two major cultural developments by the early man towards the end of the New Stone Age. **(2mks)**

15. Identify one Community that was assimilated by the Maasai**.** **(1mk)**

SECTION B (45 MARKS)
ANSWER ALL THE QUESTIONS IN THIS SECTION.

16a) Identify three archaeological sites that are found in Ethiopia. **(3mks)**
b) Explain six reasons why East Africa is considered as a cradleland/ a place where man first evolved. **(12mks)**

17a) State five disadvantages of Hunting as an economic activity. **(5mks)**
b) Explain five uses of fire by the early man. **(10mks)**

18a) Outline five reasons for the migration of the Luo from their original homeland. **(5mks)**
b) Describe the political organisation of the Mijikenda during the colonial period. **(10mks)**

SECTION C (30 MARKS)
ANSWER ALL THE QUESTIONS

19 a) Give five uses of stone tools by the early man. **(5mks)**
b) Explain five results of the migration and settlement of the Maasai in Kenya in Kenya during the Pre-colonial period. **(10mks)**

20 a) Highlight five changes that marked the Agrarian Revolution in Britain. **(5Mks)**
b) Discuss five effects of the Agrarian Revolution in the United States of America. **(10Mks)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

441/1
HOME SCIENCE
THEORY
2 Hours

INSTRUCTIONS

- *Write your name, class, and admission number in the spaces provided above.*
- *Sign and write the date of the examination in the spaces provided above.*
- *This paper consists of three sections **A**, **B,** and **C**.*
- *Answer **ALL** questions in sections **A**, **B** and any **TWO** questions from C.*
- *Answers must be written in the spaces provided.*

For Examiners' use only.

Section	Question	num Score	dates Score
A	**1-19**	**40**	
B	**20**	**20**	
		20	
		20	
Total		**100 marks**	

SECTION A (40 MARKS)

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

1.Mention **two** practices that help maintain healthy teeth. **(2mks)**

……

……

……

……

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

……

……

……

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

.....

3.Outline **two** points to consider when buying land for building a family house. **(2mks)**

.....

.....

.....

.....

4.List **four** metals used in making kitchen equipment. **(2mks)**

.....

.....

.....

.....

.....

.....

5.Name **two** materials used in making brooms. **(1mk)**

.....

.....

.....

.....

6.Identify **three** causes of bruises in the home. **(3mks)**

.....

.....

.....

.....

.....

7.Suggest **three** reasons plastic shoes are not suitable for school uniform **(3mks)**

.....

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

8.State **three** qualities of a good food storage container. **(3mks)**

.....

.....

.....

.....

.....

9.Give **two** ways of preventing the spread of ringworms. **(2mks)**

.....

.....

.....

.....

10. List **four** basic furniture found in a bedroom. **(2mks)**

.....

.....

.....

.....

.....

.....

11. Suggest **four** ways a student can exercise in school. **(2mks)**

.....

.....

.....

.....

.....

.....

12. Mention the **three** areas/centres of work that make up the work triangle in a kitchen. **(1½mks)**

.....

.....

.....

.....

13. Suggest **three** improvised abrasives used in cleaning. **(1½mks)**

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

.....

14. Identify **six** tasks carried out during weekly cleaning of a food store/pantry**.** **(3mks)**

.....

.....

.....

.....

.....

.....

.....

.....

15. Give **three** advantages of cleaning a house daily. **(3mks)**

.....

.....

.....

.....

.....

16. Differentiate between thermoplastic and thermosetting plastics. **(2mks)**

.....

.....

.....

.....

17. List **two** measuring tools used in the kitchen. **(1mk)**

.....

.....

.....

.....

18. Give the use of each of the following items in a First Aid box: **(2mks)**

a) Tweezers

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

b) Sterile gauze

.....

.....

.....

19. Give **two** considerations to make when cleaning walls. **(2mks)**

.....

.....

.....

.....

SECTION B (20 MARKS)

Compulsory

Answer all sections of this question in the spaces provided.

20. You are helping at home during the mid-term break.

a) Outline the procedure you would follow in thorough cleaning an oil painted wall in the living room. **(8mks)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

b) Write down the steps you would follow to clean the varnished bookshelf. **(7mks)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

c) Describe the procedure you would follow to clean a broom with a wooden handle. **(5mks)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

SECTION C (40 MARKS)

*Answer any TWO questions from this section on the space provided after question 22***.**

21.

a) Outline **five** points to consider when buying kitchen equipment. **(5mks)**

b) Explain **three** points on care of bath towels. **(6mks)**

c) Mention **four** ways of avoiding cuts at home. **(4mks)**

d) Suggest **five** reasons for keeping school uniform and other personal clothing clean. **(5mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

22.

a) Explain **four** qualities of a good cooking pot/pan. **(8mks)**

b) Discuss **three** dangers of not following instructions given by a doctor on use of medication. **(6mks)**

c) Giving a reason in each case, state **three** points why oral health is an important part of good grooming**.(6mks)**

23.

a) Suggest **five** ways food can get contaminated. **(5mks)**

b) Mention **five** characteristics of a well-groomed cook. **(5mks)**

c) Explain **three** rules on use of the refrigerator. **(6mks)**

d) Outline **four** rules on the care of a wooden chopping board. **(4mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

THIS IS THE LAST PRINTED PAGE

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

ISLAMIC RELIGIOUS EDUCATION
FORM ONE (1)
Time: 2½ Hours

INSTRUCTIONS:

1. This paper contains five (5) questions.
2. Answer all questions
3. Write your answers in the answer sheet provided.
4. All answers must be in English.

1. a) Explain five reasons for the revelation of the Qur'an in small bits. **(10mks)**

b) Give the meaning of all the verses of suratul Fatiha **(7mks)**

c) State three teachings of suratul Nasr **(3mks)**

2. a) Mention four importance of the holy Qur'an to muslims. **(4mks)**

b) Explain the forms of hadith **(8mks)**

c) Explain four benefits of following the prophet's hadith and sunnah. **(8mks)**

3. a) State ten attributes of Allah SWT in English **(10mks)**

b) How does believing in the oneness of Allah SWT help a muslim? **(4mks)**

c) Explain the types of Shirk. **(6mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

4.a) discuss four significance of shahada. **(8mks)**

b) State four importance of twahara to Muslims. **(4mks)**

c) Explain the different types of sijda **(8mks)**

5.a) Explain the dimensions of Islamic morality **(4mks)**

b) Give three examples for each dimension of Islamic morality. **(6mks)**

c) Explain the importance of practicing good behavior by muslims **(10mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

JINA: ……

SHULE: ……

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

KISWAHILI
KIDATO CHA KWANZA (1)
MUDA: SAA 2 ½

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.Karatasi hii ina kurasa 10 zilizopigwa chapa

5.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 Makala yafuatayo kisha ujibu maswali.

Kila mwanafunzi huingia katika shule ya upili akiwa na matarajio makubwa ya kupita mtihani wa kitaifa baada ya kukamilisha masomo yake. Matarajio hayo huwa pia katika wazazi au walezi walio na watoto katika shule yoyote ile, iwe ya umma au ya kibinafsi. Ushindani mkali huwepo katika kila aina ya shule katika kupimana ubabe na kuona ni nani atakayempiku mwenzake katika matokeo. Kwa sababu hii, haijalishi kama wewe ni mvulana au msichana – mtihani ni sawa, na uwanja wa makabiliano vilevile. Muhimu ni kujua ni nani atambwaga mwingine. Mazingira ya elimu nchini Kenya ni ya pande mbili. Upande wa kwanza ni ule wa wanafunzi wanaokumbwa na changamoto mbalimbali kutegemea eneo wanalotoka. Kwa mfano, wapo wanafunzi wanaotoka katika maeneo ambayo kupata kwao chakula ni kwa **kudura** za Mungu, mbali na kuwa wao hulazimika kutembea kilomita nyingi kutafuta rasilimali muhimu kama maji. Hali hii hutatiza sana umakinifu wao darasani kwa sababu bila chakula tumboni, akili hazinasi kitu. Aidha, shule katika maeneo kama haya ziko umbali usiokadirika, lakini wanafunzi

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

wanakalifika kupiga milundi ili kutafuta elimu, maadamu **maji walikwishayavulia nguo**. Isitoshe, katika msimu wa masika, zipo shule ambazo hugeuka vidimbwi na mabwawa, zikawa haziendeki wala hazikaliki. Pamoja na hayo, shule nyingi hazina miundombinu muhimu kama vile umeme, barabara au mtandao, mbali na kuwa wanafunzi hulazimika kwenda kufanya masomo kama Sayansi katika shule nyingine kutokana na shule yao kukosa vifaa muhimu kwa shughuli hiyo. Zaidi, wanapokuwa nyumbani, wanafunzi hao huzongwa na majukumu mengine kama vile ulezi wa ndugu zao, ukulima, kuchunga mifugo, kwenda sokoni kuchuuza au hata uhamali.
Katika upande wa pili wa elimu, wapo wanafunzi ambao kila siku, muhula hata muhula, wapo shuleni, wanaishi shuleni, tena maisha ya wastara hasumbuki. Hawa, wakati wenzao wamekosa mafuta ya taa ili kufanya udurusu, wao wana stima – au hata jenereta endapo stima zitapotea. Wenzao wanapokosa chakula, wao wanakula na kusaza. Wanafunzi wa tabaka hili hawana wasiwasi wa kukosa chakula au muda wa kusoma kwa sababu ya mazonge ya kazi. Muda wao mwingi wa ziada huutumia kutizama filamu na kuzuru maeneo mbalimbali kujifurahisha.
Licha ya kuwepo tofauti hizi, sawa na ilivyo katika malipo ya karo kutegemea mfuko wa mtu, pamoja na kuwa kila mzazi au mlezi hushinikiza mwanafunzi kuwa nambari moja katika matokeo ya mtihani bila kuzingatia mazingira ambayo mwanawe anasomea, wanafunzi wengi huishia kukosa moyo wa mkabala wakati wa mitihani.

Wasiwasi mkuu wa wanafunzi huwa ni kwamba kwa kuanguka mtihani, watakosa nafasi za kujiunga na chuo kikuu au hata kukosa kazi. Hili si kweli. Usiache suala dogo kama kukosa kupata alama ulizotarajia katika mtihani likuzuie kutimiza ndoto zako. Inasikitisha kuwa wapo wanafunzi wanaoamua hata kujitoa uhai kwa sababu tu ya kuanguka mtihani.
Ni muhimu ikumbukwe kuwa maisha ni mtihani na kujitoa uhai kwa sababu ya mtihani mmoja ni kuanguka mtihani wa maisha. Kufeli mtihani kusikudhalilishe, kwa sababu hakutaondoa werevu ulionao au kukunyima uwezo wa kutimiza **maazimio** yako. Unachohitajika kufanya katika hali kama hii ni kutumia yale maarifa uliyojizolea shuleni kuanzisha miradi itakayokunufaisha. Kama mwanafunzi, daima ukumbuke kuwa elimu ni njia tu ya kukuwekea msingi wa maisha wala si nyenzo yako ya kuendesha maisha.

Maswali

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

.....

.....

b. Taja aina mbili za shule za upili. **(ala2)**

.....

.....

.....

.....

c.Linganisha maisha ya wanafunzi katika shule za kutwa na wale wa shule za bweni **(alm2)** .

.....

.....

.....

.....

d. Kwa nini wanafunzi wana wasiwasi wa kuanguka mtihani? **(alm2)**

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

e. Kutofanya vizuri katika mtihani hakufai kuwaletea wanafunzi masimango. Thibitisha. **(alm2)** .

.....

.....

.....

.....

f. Fafanua maana ya msamiati ufuatao kama ulivyotumika katika taarifa hii. **(alm3)**

i. Kudura.....

ii. Maji walikwisha yavulia nguo.....

iii. Maazimio.....

B. MATUMIZI YA LUGHA (ALAMA 40)

a) Sauti zifuatazo ni vipasuo vya ufizi. Tambua tofauti baina yao **(alm2)**

/t/ na /d/

.....

.....

.....

.....

b) i) Silabi ni nini? **(alm1)**

.....

.....

.....

ii) Onyesha silabi mwambatano katika neno : alimfyonza **(alm2)**

.....

.....

.....

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

c) i) Eleza maana ya viambishi. **(alm2)**

.....

.....

.....

.....

ii) Tambua aina mbili za viambishi katika neno lifuatalo:Watashonewa **(alm2)**

.....

.....

.....

.....

d) Andika neno lenye muundo huu. irabu+konsonanti+konsonanti+irabu **(alm1)**

.....

.....

.....

.....

e) Tambua aina za maneno katika sentensi hii. **(alm3)**

Lo!Wanafunzi werevu sana walijibu yote .

.....

.....

.....

.....

.....

f) Eleza maana mbili za sentensi hii. **(alm2)**

Wanafunzi waliona barabara.

.....

.....

.....

.....

.....

g) Huku ukitoa mifano, bainisha miundo mitatu ya nomino katika ngeli ya A-WA. **(alm3)**

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

.....

h) Tunga sentensi tatu za Kiswahili kuonyesha matumizi ya kiimbo. **(alm3)**

.....

.....

.....

.....

.....

.....

i) Tambua kundi nomino na kundi tenzi katika sentensi ifuatayo. **(alm2)**

Wote watundu walicheza nje kabla ya muda ufaao.

.....

.....

.....

.....

j) Andika sentensi ifuatayo katika wingi. **(alm2)**

Mwanafunzi wa kidato cha kwanza ni muungwana sana.

.....

.....

.....

.....

k) Andika sentensi yenye muundo ufuatao. **(alm2)**

S-KN(N+V+E) + KT (T+H)

.....

.....

.....

.....

l) Jibu swali lifuatalo kulingana na maagizo. **(alm2)**

Amina alikula ugali wote . (Anza kwa Ugali...)

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

m) Andika sentensi ifuatayo katika ukubwa wakati uliopita. **(alm2)**

Mti huo utakatwa asubuhi

.....

.....

.....

.....

n) Akifisha sentensi ifuatayo. **(alm3)**

je khaemba na tafari walifunga ngombe

.....

.....

.....

.....

o) Yakinisha sentensi ifuatayo. **(alm2)**

Sipendi kula wala kunywa.

.....

.....

.....

.....

p) Eleza tofauti iliyoko kati ya vitenzi vifuatavyo: **(alm2)**

shuka .

.....

Suka

.....

q) Mwanafunzi anayetaka kufaulu mtihani wake atalazimika kutia bidii masomoni. Je, ni methali ipi atakayoambiwa kumsisitizia ujumbe huu? **(alm2)**

.....

.....

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

C. ISIMU JAMII.(ALAMA 10)

a) Taja nadharia nne zinazoeleza chimbuko la Kiswahili **(alm4)**

.....

.....

.....

.....

.....

.....

b) Eleza majukumu ya Kiswahili katika nchi ya Kenya kwa sasa **(alm6)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

D. FASIHI SIMULIZI (ALAMA 15)

Soma utungo ufuatao kasha ujibu maswali yaliyoulizwa:

Paukwa!
Pakawa!
Hapo zamani za kale; kabla ya babu zenu kuzaliwa, kichakulo aliishi na Nyanya-mtu.
Nyanya-mtu alimkimu kichakulo naye hakufutu katika kumwauni Nyanya mtu kazi ndogo ndogo, si kuteka maji, si kuandaa weu, si kufyeka nyasi karibu na makazi yao.
Basi siku moja msimu wa upanzi ulipofika, nyanya-mtu akamtuma kichakulo kumpandia njugu. Kawaida ya enzi hizo, njugu zilikaangwa ndipo zipandwe, sababu ? mwulize kichakulo porini.
Njugu na zikakaangwa. Kikapuni zikatiwa, kabla ya kuondoka, Nyanya-mtu akashauri, “mjukuu wangu kichakulo, nenda shambani kwetu kule ng’ambo unipandie njugu hizi.”
“Thiyo nyanya, nitapatha thothe.” Alijibu kichakulo huku mate yanamdondoka ndo!Ndo! kama fisi.
Kichakulo akaweka kikapu kwapani na kisagalima akakituliza begani nacho kikakubali kutulia hapo. Huyo! Kaka-katu! Hadi ng’ambo shambani kwao. Kivulini akakaa. “Hithi thugu thamu thana,” yakamtoka. Mara pepetu pepetu

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

zikaanza kushika sawia. “Pepetu pepetu” za kichakulo ziliendelea kwa muda mrefu. Alipoinuka kutoka pale kivulini tumbo sisemi kiriba. Akajipaka matope.
Alirudi nyumbani na kumhadaa Nyanya-mtu kuwa mambo sawa. Ujanja uliendelea hadi msimu wa mavuno. Naam, hakuna refu lisilo na ncha, siku ya kwanza kichakulo akavuna njugu za jirani, mwenye njugu alikasirika sana. Akatangeneza sanamu na kuipaka kuipaka ulimbo. Siku ya pili kichakulo…mwenye shamba.
Alingoja, akangoja akangoja kungoja! Mwenye njugu hang’atuki. Mizimu ya kwao ikampanda. “Thotha thapo tharatha!” akaamrisha sanamu tuli, haisongi wala haipesi. Kichakulo akachomoka shoti kuelekea sanamu kwa hasira akaizaba kofi, kiganja kikanaswa, kofi jingine, mateke na kichwa, vyote vikanaswa. Mwenye njugu akaja na kumshika. Akamfungia ndani ya gunia. Akalitupa gunia mgongoni-moja, mbili, tatu, akapiga misamba kuelekea kwake, kitoweo anacho, kwa utaratibu, kichakulo aliguguna gunia. Huyo! Akaruka hadi msituni. Hakurudi kwa Nyanya-mtu.’
Hadi leo kichakulo ananyemelea mashamba ya njugu na wenye mashamba hawajaesha kumlumbata.
Hadithi yangu ikaishia hapo.

Maswali

a) Huu ni utanzu gani wa fasihi simulizi ? **(alm1)**

.....

.....

b) Mbali na Paukwa! Pakawa!, utungo huu ungeanzishwa vipi vingine? **(alm2)**

.....

.....

.....

c) Kichakulo ana tabia gani? Taja na ueleze sifa mbili. **(alm2)**

.....

.....

.....

d) Kwa maoni yako, mbona kichakulo hakurudi tena kwa nyanya-mtu? **(alm2)**

.....

.....

.....

e) Mwasilishaji wa utungo huu anafaa kuwa na sifa zipi ili afaulu ? **(alm8)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

FORM ONE
TERM 2 2023
121/1
MATHEMATICS (Alt. A)

Instructions to candidates

a) Write your name and admission number in the spaces provided above.
b) Write your class, the date of examination and sign in the spaces provided above.
c) This paper consists of two sections; Section I and Section II.
d) Answer all the questions in Section I and only five questions from Section II.
e) Show all the steps in your calculations, giving your answers at each stage in the spaces provided below each question.
f) Marks may be given for correct work even if the answer is wrong.
g) Non – programmable silent electronic calculators and KNEC Mathematical tables may be used, except where stated otherwise..
h) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
i) Candidates should answer the questions in English.

For Examiner's Use Only

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

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

SECTION I (50 Marks)

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

1. Without using a calculator, evaluate $\dfrac{-8+(-5)\times(-8)-(-6)}{-3+(-8)\div 2\times 4}$ **(3mks)**

2. Oilibya filling station in Machakos makes a profit of Ksh. 520 for every 1000 litres of petrol sold and Ksh. 480 for very 1000 litres of diesel sold. In a certain month the dealer sold twice as much diesel as petrol. If the total fuel sold that month was 900,000 litres, find the dealer's profit for the month. **(4mks)**

3. When a number is divided by 30, 45 and 54, there is always a remainder of 29. Find the least possible number. **(3mks)**

4. Ariell has 36 chemistry books, 32 biology books and 28 physics books. She wishes to arrange the books in groups such that each group has the same number of each book without any book being left out. Calculate the maximum number of books that can be found in each group. **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

5.Given that (5m - 2n) : (2m - n) = 7 : 5. Find the ratio m : n**.** **(3mks)**

6.Express $2.\dot{9}0\dot{9}$ in the simplest form possible. **(3mks)**

7.A mother is three and a half times as old as her daughter now. Five years ago, the sum of their ages was equal to the mother's age four years from now. Taking the daughter's present age as d years, find the mother's actual age in 15 years. **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

8. A forex Bureau in Kenya buys and sells currencies as below.

	Buying (Kshs.)	Selling (Kshs.)
1 Euro	144.60	146.10
1 US Dollar	132.50	133.40

A businessman from America converted 20,730 Euros into Kenya shillings.

a) Calculate the amount of money in Kenya shillings that he received. **(1mk)**

b) The businessman spent Kshs 2,410,300 while in Kenya. He then converted the remaining Kenyan Shillings into US Dollars. Calculate the amount of money, to the nearest US Dollars, that he received. **(2mks)**

9. A football match last 90 minutes with a break of 15 minutes at half - time. If a referee allows five minutes extra for injuries and stoppages, what time does a match which kicks off at 4.30 pm end? **(3mks)**

10. Evaluate and simplify without using calculator; **(4mks)**

$$\frac{3\frac{1}{5}+\frac{1}{4}\,of\,3\frac{1}{2}-5\frac{1}{6}}{2\frac{2}{3}-1\frac{2}{5}\div 1\frac{1}{3}+3\frac{3}{4}}$$

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

11. A school club has 60 members enrolled to go for a trip in bus. If 12 less members had enrolled for the trip, each member would pay Sh. 50 more towards the cost of transportation. If actually 50 members go, how much does each pay? **(3mks)**

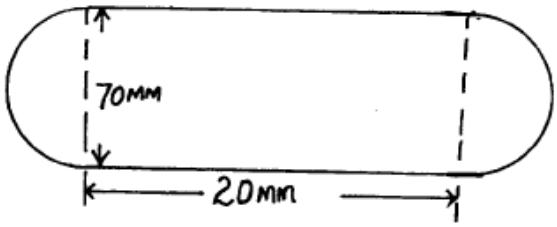
12. In a fundraising committee of 45 people, the ratio of men to women is 7:2. Find the number of women required to join the existing committee so that the ratio of men to women is changed to 5: 4. **(3mks)**

13. Without using table or calculators, evaluate $\sqrt{\frac{0.0032+0.0608}{1.44x0.4}}$ **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

14. A number N is formed by arranging all the odd numbers between 1 and 10 in descending order. Another number M is formed by arranging all the square numbers between 1 and 10 in ascending order. Use tables of square root to evaluate: $\sqrt{N+M}$ **(3mks)**

15. The figure below (not drawn to scale) shows the cross-section of a metal bar of length 3 metres. They are equal semi circles.



Determine the mass of the metal bar in kilograms if the density of the metal is 9.6 g/cm3. **(4mks)**

16. Write in figures and give the place value and total value of the third digit in the number; three million, seventy nine thousand, seven hundred and fifty nine. **(2mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

SECTION II (50 Marks)

*Answer only **five** questions from this section in the spaces provided.*

17. Senjeni and Mkimwa entered into a business partnership in which they contributed Kshs. 120,000 and Ksh. 150,000 every year respectively. After one year, Kuku joined the business and contributed Kshs. 90,000.

a) Calculate the ratio of their investment after 3 years of business. **(3mks)**

b) It was agreed that 30% of the profits after 3 years be used to cater for the cost of running the business, while the remaining would be shared proportionally. Calculate each persons share, if the profit made after three years was Kshs. 187,000. **(4mks)**

c) If each of them invested their shares back in the business, find their new individual investments at the beginning of the fourth year. **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

18. Konza School constructed a water reservoir in the form of a rectangular cuboid measuring 4 m long, 3 m wide and 2.5 m high to serve a number of students.

a) Determine the capacity of the reservoir in litres. **(4mks)**

b) Each student uses an average of 15 litres per day. The reservior tank can last the students 4 days. All the students used the water for 2 days after which 400 students were sent home for school fees. How many more days will the water last the remaining students? **(6mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

19. A salesman sells cell phones at Sh. 15,000 each. He is paid a salary of Sh. 20,000 per month and commission on sales above Sh. 1,000,000 was paid in slabs as scheduled below.

Value of sales	Commission
1,000,001 – 2,000,000	2.5%
2,000,001- 2,500,000	3%
Above 2,500,000	4%

On a certain month, he sold 150 cell phones. Calculate his earnings that month**.** **(4mks)**

(b) The following month, his salary was increased by 20%. If his total earnings were Sh. 90,000. Calculate

(i) The total amount received from sales **(4mks)**

(ii) The number of cell phones sold **(2mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

20. Three business partners, Bela Joan and Trinity contributed Kshs 112,000, Ksh, 128,000 and Ksh, 210,000 respectively to start a business. They agreed to share their profit as follows:

30% to be shared equally

30% to be shared in the ratio of their contributions

40% to be retained for running the business.

If at the end of the year, the business realized a profit of ksh 1.35 Million. Calculate:

a) The amount of money retained for the running of the business at the end of the year. **(1mk)**

b) The difference between the amounts received by Trinity and Bela **(6mks)**

c) Express Joan's share as a percentage of the total amount of money shared between the three partners. **(3mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

21. SGR travel schedule from Nairobi to Mombasa is a below.

TOWN	DEPARTURE	ARRIVAL
Nairobi	2030h	
Emali	2310h	2215h
Mtito Andei	0205h	0135h
Mariakani	0515h	0440h
Mombasa		0650h

Using the table above, find;

a) Time taken by the train between Nairobi and Emali. **(2mks)**

b) Stoppage time at Mtito Andei. **(2mks)**

c) Time taken between Emali and Mariakani. **(2mks)**

d) Total time taken for the journey. **(2mks)**

e) Average speed of the journey if the total distance covered is 651km. **(2mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

PROGRESSIVE STUDENTS FORM ONE
END TERM 2 SERIES ONE EXAMS

NAME: ……

SHOOOL: ……

ADM NO: ……. SIGN:……..… DATE: ……..

TERM 2
PHYSICS
FORM ONE (1)
Time - 2 Hours

Instructions to Candidates

- *Write your name, admission number, class and signature in the spaces provided at the top of the page.*
- *Answer **ALL** the questions in the spaces provided.*
- *All working MUST be clearly shown.*
- *Candidates should answer the questions in English and check to ensure that no question(s) is missing.*

FOR EXAMINER'S USE ONLY

QUESTIONS	MAXIMUM SCORE	CANDIDATE'S SCORE

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

1. The diagram in figure 1 below shows part of a meter rule scale. Write down the reading shown at different points indicated. (3 marks)

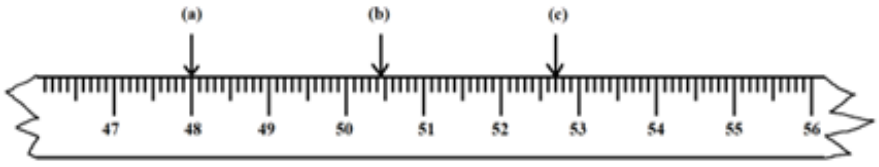


Figure 1

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

A…….

B……...

C…….

2. Explain the relationship between physics and Geography. **(1mk)**

.....

.....

.....

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

.....

.....

.....

.....

.....

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

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

.....

.....

.....

.....

.....

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

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

.....

.....

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

.....

.....

.....

.....

8. Other than the size of the object to be measured, mention another factor to be considered when choosing an instrument for measuring length**.** **(1mk)**

.....

.....

9. A burette shows a liquid level as $20cm^3$. Ten drops of the same liquid each of volume $0.5cm^3$ are added. Calculate the new liquid level. **(3mks)**

12. Explain why water forms a concave meniscus when placed in capillary tubes. **(1mk)**

.....

.....

.....

13. A mass of 7.5kg has a weight of 30N on a certain planet. Calculate the acceleration due to gravity on this planet. **(3mks)**

14. Name two forces that determine the shape of liquid drop on the solid surface **(2mks)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

15. State the reason why smoke preferred for use in the smoke cell experiment. **(1mks)**

.....

.....

.....

16. Explain why glass container with thick walls is more likely to crack than the one with a thin wall when a very hot liquid is poured into them**.** **(2mks)**

.....

.....

.....

.....

17. Figure 2 below shows two corks X and Y fixed on a polished plate and a dark plate with candle wax respectively. The corks are equidistant from the heater. State with reason which cork falls of first when the heater is switched on. **(2mks)**

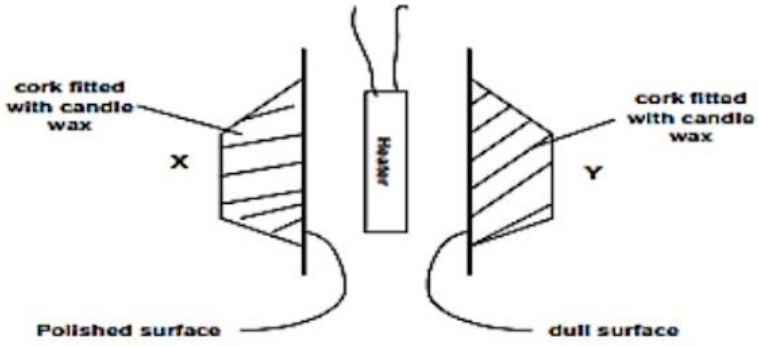


Figure 2

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

.....

.....

.....

.....

19. Explain the cause of random motion of smoke particles as observed in Brownian motion experiment using a smoke cell. **(1mk)**

.....

.....

.....

.....

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

20. The Figure 2 shows two identical thermometers. Thermometer A has a blackened bulb while thermometer B has a silvery bulb. A candle is placed equidistant between the two Thermometers. State with a reason the observations made after sometime**.** **(2mks)**

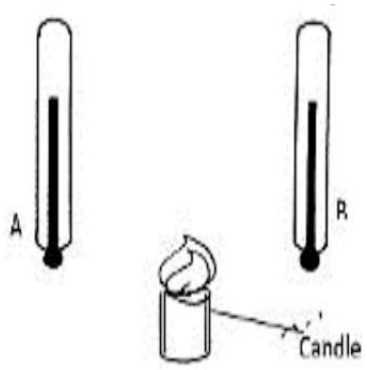


Figure 3

.....

.....

.....

.....

21. Give a reason why water is not suitable as a barometric liquid**.** **(1mk)**

.....

.....

.....

22. The height of mercury column in a barometer is found to be 76cm at a certain place. What would be the height on a water barometer in the same place? (Density of water is 1000kg/m3 and density of mercury is $13600\,\frac{kg}{m^3}$**.** **(3Mks)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

23. State the reason why thermal conductivity of a metal increases with the increase in the cross-section area of the conductor? **(1mk)**

.....

.....

.....

24. The set up in figure 4 below shows water being heated at the top.

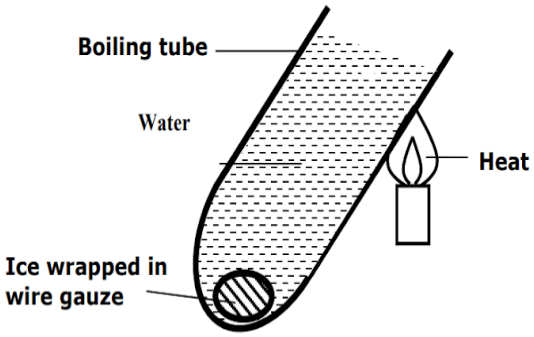


Figure 4

State and explain the observation made. **(2Mks)**

.....

.....

.....

.....

.....

25. The set-up shown in the figure 5 below is used to investigate the rate of diffusion of two gases. B and C are cotton wools soaked in hydrochloric acid and ammonia solution respectively.

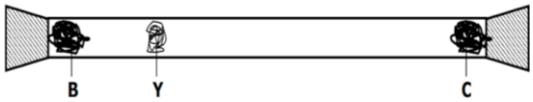


Figure 5

A white deposit Y is formed between B and C. Compare the densities of the two gasses **(1Mk)**

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

26. Figure 6 below shows a force pump. Briefly describe the working of the pump**.** **(3Mks)**

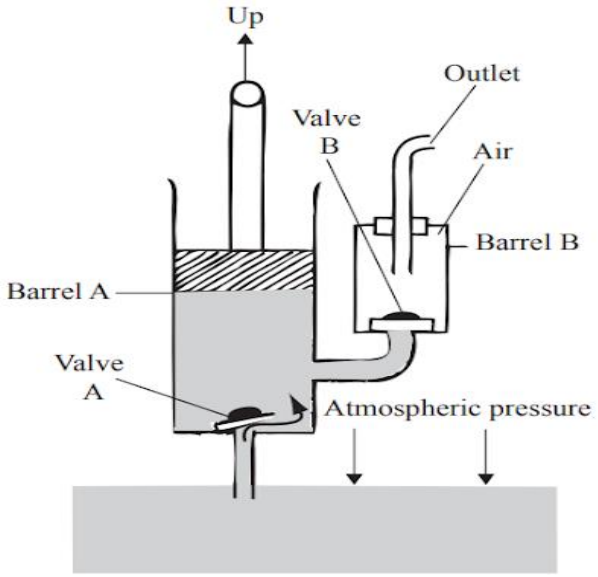


Figure 6

.....

.....

.....

.....

.....

.....

.....

.....

.....

#END#

Prefer Calling Amobi Group of Examiners @ 0743 333 000 or 0706 851 439 for Marking Schemes

Amobi Group Of Examiners

Call Us @

0743 333 000 or 0706 851 439

CALL 0743 333 000 OR 0706 851 439

- Mid/End Term, Pre/Mock Exams
- K.C.S.E Prediction/Forecast Exams
- F1-F4 All Subjects Notes/Topical Qsns
- Updated Schemes of Work/Syllabus
- Acted Set Books Videos/ Guides
- Set Books Essays/Excerpts Qsns
- Past K.C.S.E Papers & Holiday Assignments
- 70 Biology Graphical/Essays Qsns
- 70 Biology Pictorial Practical Qsns
- Poetry & Ushairi Qsns.... e.t.c