

HEKIMA GIRLS' SECONDARY SCHOOL P.O.BOX 1817 BUKOBA



TAARIFA YA MAENDELEO YA MWANAFUNZI KATIKA KOZI MAALUM YA
MATAYARISHO YA KUINGIA KIDATO CHA KWANZA MWAKA 2017
JINA LA MWANAFUNZI ANNAGRACE JASSON

MATOKEO YA MTHANI

MTIHANI	ALAMA	GREDI
Uthibitisho	87	A
Kumaliza Kozi ya Kiingereza	93	A
Hisabati	100	A
Kemia	84	A
E/Viumbe	100	A
Maarifa ya Nyumbani	91	A
Fizikia	100	A
Jiografia	98	A
Historia	99	A
Kiingereza	97	A
Kiswahili	97	A
Kompyuta	100	A

JUMLA YA ALAMA: 1146 WASTANI: 95.5

ALAMA HIZI: ☐ ZINAMWEZESHA ☒ HAZIMWEZESHI KUINGIA

KIDATO CHA KWANZA KATIKA SHULE YA SEKONDARI HEKIMA.

TABIA: ☐ B

Saini ya Mwalimu wa darasa [Signature]

Maoni ya Mkuu wa Shule

Saini ya Mkuu wa Shule [Signature] Mhuri



HEKIMA GIRLS' SECONDARY SCHOOL.
PRE-FORM ONE FINAL EXAMINATION: NOVEMBER, 2016
BASIC MATHEMATICS

TIME: 1:30 HOURS

NAME: ANNA GRACE JASSON

INSTRUCTIONS.

1. Answer all questions.
 2. Show your work clearly for each question you attempt
1. a) Write the place value of each digit from the following numbers.
i) 227 ii) 80065 iii) 245,276
b) How many digits are there in 43576
 2. a) Write the following numbers in expanded form:- i) 6054 ii) 56.784
b) List all the odd numbers between 21 and 30.
 3. a) Write down a number which is even and prime.
b) How many prime numbers are there between 30 and 40.
 4. a) Write the symbol for each operation listed below:-
(i) Multiplication..... (ii) Subtraction.....
(iii) Addition..... (iv) Division.....
b) The symbol for subtraction is called.....while the answer obtained after the operation of multiplication is called.....
 5. Show the multiplier, product and multiplicand from the operation below.
 $413 \times 26 = 10738$
 6. Given the operation below
 $11029 \div 15 =$
Soln

	735	①
15	11029	③
	-105	
	52	
	-45	
	79	
	-75	
	4	②

What does each number in blackest represent?

(1).....
(2).....
(3).....
(4).....
 7. Change the order of the digits in 47986 to make
i) The largest possible number
ii) The smallest possible number.
 8. Use prime factorization to find the G.C.F of :- i) 28, 54 ii) 18 and 45
 9. Use the method of listing to find the LCM of:- i) 8 and 12 ii) 14 and 6
 10. Find the following sums using a number line:- a) $9 + (-5)$ b) $-5 + (-2)$

ANNAGRAJE JASON.

1. Write the place value of each digit from the following numbers.

a) i) 227

Soln: 227
 Ones
 Tens
 Hundreds.

ii) 80065

Soln: 80065
 Ones
 Tens
 Hundreds
 Thousands
 Ten thousands

iii) 245.276

Soln: 245.276
 Thousandths
 Hundredths
 Tenths
 Ones
 Tens
 Hundreds

b) How many digits are there in 43576

Soln: 4 3 5 7 6
 5 4 3 2 1

∴ There are five (5) digits in 43576
 Ans.

2. Write the following numbers in expanded form:-

i) 6054

In expanded form.

Soln:
 $6 \times 1000 + 0 \times 100 + 5 \times 10 + 4 \times 1$ Ans.

ii) 56.784

In expanded form:

Soln:
 $56.784 = 5 \times 10 + 6 \times 1 + 7 \times \frac{1}{10} + 8 \times \frac{1}{100} + 4 \times \frac{1}{1000}$ Ans.

b) List down all odd numbers between 21 and 30

Soln:
 Odd number: A natural number that is not divisible by two.

22, 23, 24, 25, 26, 27, 28, 29

∴ Odd numbers between 21 and 30 are: 23, 25, 27 and 29 Ans.

3. Write down a number which is even and prime.

Soln:
 Even number: A natural number that is exactly divisible by 2

Prime number: A natural number except one that is divisible to itself and one only.

∴ A number which is even and prime is 2 Ans. because it has characteristics of even and prime numbers.

2 Ans.

b) How many prime numbers are there between 30 and 40

Solution:
 A prime number: Is a natural number except one which is divisible to itself and 1 only.

(31) 32, 33, 34, 35, 36, 37, 38, 39

∴ There are two (2) prime numbers between 30 and 40 Ans.

4. Write the symbols for each operation listed below:-

i) Multiplication X Ans.

ii) Subtraction - Ans.

iii) Addition + Ans.

iv) Division $\div$ Ans.

b) The symbol for subtraction is called MINUS Ans. while the answer obtained after the operation of multiplication is called the PRODUCT Ans.

5. Show the multiplier, product and multiplicand from the operation below.

Solution:

$$\begin{array}{r} 413 \times 26 = 10738 \\ \text{MULTIPLICAND} \quad \text{MULTIPLIER} \quad \text{PRODUCT} \end{array}$$

∴ The multiplier is 26 Ans.

- The product is 10738 Ans.
and The multiplicand is 413 Ans.

6. Given the operation below.

$$\begin{array}{r} 11029 \div 15 \\ \text{Soln:} \\ \text{Divisor} \quad 15 \quad \text{Dividend} \quad 11029 \\ \begin{array}{r} -105 \\ 52 \\ -45 \\ 79 \\ -75 \\ 4 \end{array} \end{array}$$

Remainder

What does each number in blackest represent?

Soln.

(1) QUOTIENT Ans.

(2) DIVISOR Ans.

(3) DIVIDEND Ans.

(4) REMAINDER Ans.

7. Change the order of the digits in 47986 to make

∴ The largest possible number

Solution:

47986 to make the largest possible number = 98764

Arranging digits from highest to lowest

= 98764 Ans.

∴ The smallest possible number

Solution: Arranging digits from lowest to highest 47986 -

= 46789 Ans.

8. Use prime factorization to find the G.C.F. of:

∴ 28, 54

$$\begin{array}{l} \text{Soln:} \\ \begin{array}{r} 28 \\ 2 \times 2 \times 7 \\ 2 \times 14 \\ 3 \times 7 \\ 3 \times 7 \\ 7 \times 7 \end{array} \end{array}$$

∴ G.C.F. = $1 \times 2 = 2$

∴ G.C.F. of 28 and 54 is

2 Ans.

∴ 18 and 45

Soln:

$$\begin{array}{l} \begin{array}{r} 18 \\ 2 \times 3 \times 3 \\ 3 \times 3 \times 2 \\ 3 \times 3 \times 3 \end{array} \end{array}$$

$1 \times 3 \times 3 = 9$

∴ The G.C.F. of 18 and 45 is

9 Ans.

9. Use the method of listing to find the LCM of

∴ 8 and 12

Soln:

Multiples of 8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, ...

Multiples of 12: 12, 24, 36, 48, 60

∴ The L.C.M. of 8 and 12 is

24 Ans.

∴ 14 and 6

Soln: Multiples of 14: 14, 28, 42, 56, 70, ...

Multiples of 6: 6, 12, 18, 24, 30, 36, 42, 48, 54

∴ The LCM of 14 and 6 is

42 Ans.

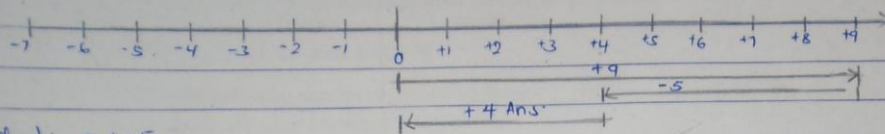
10. a) = 14 Ans.

b) = -7 Ans.

10 Find the following sums by using a number line.

a) $9 + (-5)$

Soln.

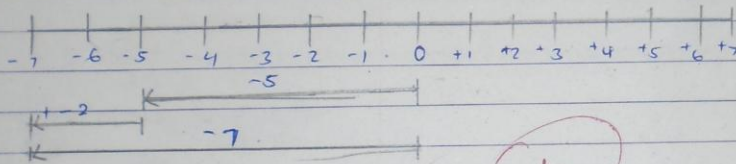


check: $9 + -5$

$$+9 - 5 = +4$$

= +4 Ans

b) $-5 + (-2)$



check:

= -7 Ans.

$$-5 + -2$$

$$= -7$$

10

HEKIMA GIRLS' SECONDARY SCHOOL
PRE - FORM ONE FINAL EXAMINATIONS, NOV - DEC. 2016.
BIOLOGY

100%

TIME: 1 ½ HOURS

ANNAGRACE JASSON.

INSTRUCTIONS:-

- i. Answer all questions and all answers must be written in spaces shown on the question paper.
- ii. Write your name on each page of your answer sheets.

1. Choose the most correct answer from the given choices and write its letter in the space provided :-

- i) Biology is a scientific study of
A. living and non living things (B) life and living things (C) stones (B)
- ii) Science is a study of
A. Living and non living things (B) Life and living things (C) stones (A)
- iii) A is an example of non- living things
A. lion (B) stone (A) human being (B)
- iv) A is an example living things
A. human being (B) piece of dry wood (C) stone (A)
- v) is a series of investigations intended to test hypothesis
A. Experiment (B) Hypothesis (C) Observation (A)

2. Match the following items in **LIST A** with those from **LIST B** by writing the correct letter in the space provided to make a meaningful statement.

LIST: A	LIST: B
i. Botany B	A. Study of animals
ii. Zoology A	B. Study of plants
iii. Experiment C	C. Tests an hypothesis
iv. Hypothesis E	D. Special room for scientific experiments and investigations
v. Laboratory D	E. Tentative guess for the observations.

3. Define the following terms:-

- a) Biology. THIS IS THE BRANCH OF SCIENCE THAT DEALS WITH THE STUDY OF LIFE AND LIVING THINGS. (03)
- b) Laboratory. A SPECIAL ROOM OR BUILDING IN WHICH SCIENTIFIC EXPERIMENTS AND INVESTIGATIONS ARE DONE OR CONDUCTED. (03)
- c) Hypothesis. THIS IS THE TENTATIVE GUESS OR PREDICTION FOR THE OBSERVATIONS. (03)
- d) Botany. A SCIENTIFIC STUDY OF PLANTS AND THEIR PROCESSES. (03)
- e) Zoology. A SCIENTIFIC STUDY OF ANIMALS AND THEIR PROCESSES. (03)

4. List any two importance of studying biology

a) BIOLOGY ANSWERS MANY BASIC AND FUNDAMENTAL QUESTIONS OF LIFE. (03)

b) THE STUDY OF BIOLOGY LEADS TO DIFFERENT CAREERS OR PROFESSIONALS SUCH AS TEACHERS, DOCTORS, NURSES, etc. (03)

5. Mention six scientific processes of studying Biology

a) PROBLEM IDENTIFICATION / IDENTIFICATION OF THE PROBLEM (18)

b) HYPOTHESIS FORMULATING

c) EXPERIMENTATION

d) OBSERVATION AND DATA COLLECTION

e) DATA INTERPRETATION / INTERPRETATION OF DATA

f) CONCLUSION

6. List any four laboratory rules

i) DO NOT MAKE NOISE IN THE LABORATORY. (12)

ii) DO NOT EAT, TASTE, OR DRINK ANYTHING IN THE LABORATORY

iii) DO NOT ENTER IN THE LABORATORY WITHOUT PERMISSION FROM YOUR TEACHER

iv) DO NOT CONDUCT ANY EXPERIMENT WITHOUT PERMISSION FROM YOUR TEACHER

7. Mention seven characteristics of living things

a) MOVEMENT (21)

b) REPRODUCTION

c) SENSITIVITY / IRRITABILITY

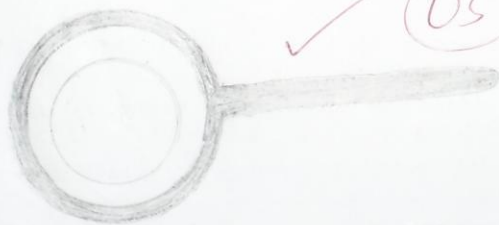
d) NUTRITION

e) EXCRETION

f) RESPIRATION / CELLULAR RESPIRATION

g) GROWTH AND DEVELOPMENT

8. a) Draw a hand lens



b) Mention one use of a hand lens. IT IS USED FOR MAGNIFYING VERY SMALL OBJECTS TO BE OBSERVED. (03)

-----THE END-----

HEKIMA GIRLS' SECONDARY SCHOOL
PRE-FORM ONE FINAL EXAMINATION: NOVEMBER/ DECEMBER 2016
PHYSICS

TIME: 1½ HOUR
INSTRUCTION.

NAME: ANNAGRACE JASSON

100% Excellent!

1. Answer all questions.

1. Choose the best answer from the choices given

i) People who study physics are known as

- A. Physikos B. Scientists C. Physicists D. Philosopher

(C)

ii) Physics comes from the Greek word physikos which means

- A. Physics B. Physicists C. Natural D. Physikos

(C)

iii) Physics is

- A. A quantitative science B. An experimental science
C. The most basic science D. All the above

(B)

iv) Physics is

- A. study of relation between mathematics B. study of relationship between matter and state
C. study of relationship between matter and energy
D. study of relationship between physics and Geography

(C)

v) Solid states:

- A. Stone, Book B. Stone, Water C. Water, Juice D. Oxygen, Hydrogen

(A)

2. Match the following items and write the correct letter in the chart provided

ITEM: A	ITEM: B
i) Physics	A. Stone
ii) Matter	B. Occupies space and has mass
iii) Chemistry	C. Related to physics
iv) Physicist	D. Physikos
v) Solid state	E. Studies physics

Answers:

ITEM: A	i	ii	iii	iv	v
ITEM: B	B	B	C	D	A

3. Write TRUE or FALSE for the following statements

- a) Physics is expressed in mathematics... TRUE
b) First Aid helps to preserve life... TRUE
c) Eating in the laboratory is wrong... TRUE
d) Scientific laws are obtained from observation made during experiments... TRUE
e) Solid is not a state of matter... FALSE

4. a) What is Matter? IS ANYTHING THAT OCCUPIES SPACE AND HAS MASS.

b) What is Physics? PHYSICS IS THE BRANCH OF SCIENCE THAT DEALS WITH THE STUDY OF MATTER IN RELATION TO ENERGY.

- c) What is Energy? ENERGY IS THE ABILITY OF THE BODY TO DO WORK.
- d) What is Physics laboratory? IS A ROOM OR BUILDING WHERE PHYSICS EXPERIMENTS ARE CONDUCTED OR DONE. OR IS A SPECIAL ROOM OR BUILDING WHERE PHYSICS EXPERIMENTS ARE DONE OR CONDUCTED.
- e) What is First Aid? THIS IS THE IMMEDIATE ~~HEP~~ HELP GIVEN TO THE PATIENT OR VICTIM BEFORE TAKEN TO THE HOSPITAL FOR PROFESSIONAL TREATMENT.
- f) What is First Aid Kit? THIS IS A SMALL BOX WHICH CONTAIN ALL NECESSARY EQUIPMENTS NEEDED WHEN RENDERING FIRST AID TO A VICTIM OR INJURED PERSON.
5. a) List four (4) laboratory rules.
- DO NOT ENTER INTO THE LABORATORY WITHOUT PERMISSION FROM YOUR TEACHER OR LAB^{ORATORY} TECHNICIAN.
 - DO NOT EAT, TASTE OR DRINK ANY THING IN THE LABORATORY.
 - DO NOT DANCE, PLAY, SHOUT OR MAKE SILLY GAMES IN THE LABORATORY.
 - DO NOT CONDUCT ANY EXPERIMENT WITHOUT PERMISSION FROM YOUR TEACHER OR THE LAB^{ORATORY} TECHNICIAN.
- b) List three (3) importance of studying physics
- IT LEADS TO DIFFERENT PROFESSIONALS SUCH AS: ENGINEERING, ~~TECHNICAL~~ and ARCHITECTURE.
 - PHYSICS ANSWERS MANY QUESTIONS ABOUT PHYSICAL PROPERTIES OF MATTER.
 - IT IMPARTS KNOWLEDGE AND SKILLS WHICH LEAD TO NEW DISCOVERIES.
- c) Mention any five (5) areas where physics is applied
- IN MEDICAL FIELDS.
 - AT HOMES.
 - IN TRANSPORT.
 - IN COMMUNICATION.
 - IN SOURCES OF ENERGY.

HEKIMA GIRLS' SECONDARY SCHOOL
PRE- FORM ONE FINAL EXAMINATIONS – NOVEMBER/DECEMBER, 2016
GEOGRAPHY

TIME: 1.30Hours

NAME: ANNAGRACE JASSON

INSTRUCTION.

- Answer all the questions.

1. Choose the most correct answer from the alternatives given and write its letter in the box provided.
 - i) The study of mankind and his activities on earth's surface is known as
 - a) Agriculture
 - b) Mining
 - c) Economic geography
 - ii) The term(word) geography originated from the two Greek words which are "geo" and
 - a) draw
 - b) graphy
 - c) graphien.
 - iii) geography mainly deals with the study of natural physical environment of mankind.
 - a) Practical
 - b) Physical
 - c) Human /Economic.
 - iv) Geography has main branches.
 - a) 4
 - b) 3
 - c) 5
 - v) The word "environment" as applied in geography refers to both and phenomena.
 - a) climate, trading
 - b) physical , chemical
 - c) human, physical
 - vi) Identify the statement which is NOT geographically true
 - a) Human activities do not relate to natural environment
 - b) Natural phenomena like climate and soil determine human activities
 - c) Water pollution, air pollution and soil erosion and some of the effects of human activities on earth.
 - vii) Which one of the following is a true list of jobs that someone with geography knowledge do?
 - a) Climatology, leadership, engineering and urban planning
 - b) Cartography, astronomy, climatology, geology and meteology
 - c) Astronomy, climatology, meteology, medicine and cookery
 - viii) The study of geography enables one to gain knowledge and ways of
 - a) managing and utilizing natural resources
 - b) managing and ruling people
 - c) managing and living well with his/her family
 - ix) The largest Continent on earth's surface is
 - a) Australia
 - b) Europe
 - C. None of the above
 - x) The extrusive high altitude part of the land with almost flat top is geographically known as
 - a) mountain
 - b) plain
 - c) plateau

Answers:

i	ii	iii	iv	v	vi	vii	viii	ix	x
C	C	B	B	C	A	B	A	C	C

2. Match the items in **List A** with the responses in **List B** by writing the letter of the correct answer in the chart provided. One example has been done for you.

LIST: A	LIST: B
i) The four seasons of the year	A. The moon
ii) Movement of the earth around the sun	B. Equinox
iii) Arrangement of planets and other	C. Spring, summer, Autumn, winter

heavenly bodies in space in relation to the position from the sun.	D. Revolution
iv) The center of the solar system	E. Rotation
v) Shooting stars	F. Venus
vi) Movement of the earth on its own axis	G. Earth's curved horizon
vii) Equal lengths of day and night	H. Solar system
viii) Evidence that the Earth is spherical	I. Meteors
ix) A planet with a ring around it	J. Latitudes
x) Also known as Lunar	K. Sun
xi) A leap year	L. 366 days
	M. Saturn
	N. 365 1/4 days
	O. Solstice

Answers:

LIST: A	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi
LIST: B	C	D	H	K	F	E	B	G	M	A	L

3. a) Solar energy is THE ENERGY FROM THE SUN INCLUDING HEAT AND LIGHT OR IS THE POWER OF THE SUN TO PERFORM ITS FUNCTIONS BY PROVIDING HEAT AND LIGHT.
- b) Mention only three uses of solar energy
- SOLAR ENERGY IS USED IN PLANTS TO MAKE FOOD (PHOTOSYNTHESIS)
 - SOLAR ENERGY IS USED IN DRYING GRAINS AND CEREAL CROPS.
 - SOLAR ENERGY HELPS IN THE FORMATION OF RAINFALL THROUGH THE HYDROLOGICAL CYCLE
4. a) Write four things which make the solar system (components of the solar system).
- METEORS
 - PLANETS
 - ASTEROIDS
 - COMETS
- b) i) There are EIGHT (8) planets in the solar system? EIGHT (8)
- ii) Mention them: MERCURY, VENUS, EARTH, MARS, JUPITER, SATURN, URANUS and NEPTUNE
- c) i) The planet which is closest to the sun is MERCURY.
- iii) The third planet from the sun is EARTH.
- iv) The farthest planet from the sun is NEPTUNE.
- v) The biggest planet is JUPITER.
- vi) The Earth rotates on its own axis in an anticlockwise direction from WEST to EAST.
5. Mention only three (3) evidences that the Earth is spherical in shape
- SHIP VISIBILITY
 - AERIAL PHOTOGRAPHY
 - CIRCUMNAVIGATION OF THE EARTH
6. a) The earth takes 1 hour to rotate through 15° degrees.
- b) List only three (3) effects of the rotation of the Earth
- DAY AND NIGHT
 - LOW AND HIGH TIDES
 - REFLECTION OF WINDS AND OCEAN CURRENTS

xxxxx THE END xxxxxxxx

$$\begin{array}{r} 41 \\ 32 \\ \hline 73 \\ 19 \\ \hline 92 \\ 6 \end{array}$$

HEKIMA GIRLS' SECONDARY SCHOOL
PRE-FORM ONE FINAL EXAMINATION, NOVEMBER, 2016
HISTORY.

TIME: 1 Hour

NAME: ANNA GRACE JASSON

INSTRUCTION:

- Answer all the questions.

1. What is History?

History is ~~the~~ THE STUDY OF PAST HUMAN ACTIVITIES IN A GIVEN ENVIRONMENT

2. Write four advantages of studying History.

- i) IT HELPS US TO KNOW OUR ORIGIN.
- ii) IT HELPS PEOPLE TO GET EMPLOYMENT.
- iii) IT HELPS US TO KNOW WHERE AND WHEN SPECIAL EVENTS TOOK PLACE.
- iv) IT HELPS US TO KNOW THE ACHIEVEMENTS AND FAILURE OF EARLY MAN.

3. Write five sources of History

- i) HISTORICAL SITES.
- ii) ARCHAEOLOGY.
- iii) MUSEUMS.
- iv) WRITTEN RECORDS.
- v) ORAL TRADITIONS.

4. Write two names of people who dealt with archaeological study.

DR. LOUIS LEAKEY AND HIS WIFE MARY LEAKEY.

5. A person dealing with archaeological study is known as AN ARCHAEOLOGIST.

6. Write the historical sites from the following countries.

Tanzania	Uganda	Kenya
1. <u>OLDUVAI GORGE</u>	1. <u>NSUNGUZI</u>	1. <u>RUSINGA ISLAND</u>
2. <u>ISMILA</u>	2. <u>MAGOSI</u>	2. <u>OLORGESAILLE</u>

7. Fill in the table.

SOURCE	ADVANTAGES	DISADVANTAGES
Oral traditions	1. <u>IT IS A SOURCE OF INFORMATION TO OTHER HISTORICAL SOURCES OF INFORMATION.</u>	1. <u>IT DEPENDS ON HUMAN MEMORY.</u>
	2. <u>IT IS ENTERTAINING THROUGH STORIES AND SONGS.</u>	2. <u>IT MIGHT BE EXPENSIVE TO GET THE REQUIRED INFORMATION EG IF THE RESEARCHERS NEED TO TRAVEL.</u>
	3. <u>EASY TO LEARN AND REMEMBER SINCE IT IS PASSED FROM ONE GENERATION TO ANOTHER.</u>	3. <u>INFORMATION CAN BE EXAGGERATED.</u>

Total = 49

8. Match the items in List A with that of list B and write its letter in the box below.

LIST: A	LIST: B
i) Matrilineal societies	A. Social political organization based on age and sex.
ii) Patrilineal societies	B. Burning salty plants
iii) Age set organization	C. Clan heritage based on mother clan
iv) Salt making	D. Clan
v) A combination of several related families	E. Clan heritage based on father's clan. family

Answer Box:

i.	ii.	iii.	iv.	v.
C	E	A	B	D

9. Define age set

Age set is THE GROUP OF PEOPLE WHO FALL UNDER THE CERTAIN ~~PROPER~~ LIMIT OF AGE.

10. Define environment

Environment is THE NATURAL WORLD IN WHICH PLANTS AND ANIMALS LIVE, OR ALL THE AREAS AROUND THE HUMAN BEING INCLUDING LIVING AND NON-LIVING THINGS.

11. What is a state

A State is A WELL ORGANIZED GROUP OF PEOPLE WHO SOCIALLY AND POLITICALLY ~~ARE~~ LIVE UNDER ONE DEFINED AND DEVELOPED GOVERNMENT.

12. What is Agriculture?

Agriculture is THE ECONOMIC ACTIVITY WHICH INVOLVE THE GROWING OF CROPS AND KEEPING OF ANIMALS. CROP CULTIVATION AND LIVESTOCK KEEPING.

13. What is Barter trade

Barter trade is THE ACTIVITY OR ACTIVITIES THAT INVOLVE THE EXCHANGE OF PRODUCTS TO PRODUCTS OR GOODS TO GOODS BETWEEN PEOPLE OR COMMUNITIES.

100 *very good*

HEKIMA GIRLS' SECONDARY SCHOOL
PRE- FORM ONE FINAL EXAMINATION: NOVEMBER/DECEMBER, 2016
COMPUTER

TIME: 1½ Hours

NAME: ANNABACE JASSON

INSTRUCTIONS.

1. This paper has section A and B.
2. Answer all the questions and answers must be written in the space provided on the question paper.

SECTION: A

1. Choose the most correct answer and write its letter in the brackets.

- | | | | | |
|--|-------------------------|----------------------------|------------------------------|-------|
| i) CD stands for | a) Control Disk | b) Compact Disk | c) Computer Disk | (B) |
| ii) The part of computer that you can see and touch is called | a) Mouse soft ware | b) Hard ware | c) Soft ware | (B) |
| iii) CPU stands for? | a) Control Process Unit | b) Central Processing Unit | c) Control Processing Unique | (B) |
| iv) Which one of these is software? | a) Keyboard | b) Mouse | c) Screen saver | (C) |
| v) Which of the following is the most powerful computer? | a) Laptop computer | b) Main frame computer | c) Desktop computer | (B) |
| vi) Which one of these is the heart of the computer | a) ADA | b) UPS | c) CPU | (C) |
| vii) A is not an example of an output device. | a) Monitor | b) Printer | c) Keyboard | (C) |
| viii) What is another name of VDU | a) Mouse | b) Monitor | c) Keyboard | (B) |
| ix) One of those is a pointing device used as an input device. | a) Mouse | b) Monitor | c) CPU | (A) |
| x) Intangible components of computer are called:- | a) Hardware | b) Software | c) Live ware | (B) |

2. Fill the correct answer in the blank space.

- i) Four parts of computer mouse are
- | | |
|----------------------------|-------------------------|
| i) <u>RIGHT BUTTON</u> | ii) <u>LEFT BUTTON</u> |
| iii) <u>SCROLLING RING</u> | iv) <u>ROLLING BALL</u> |
- ii) Mention only three types of computer
- | |
|---------------------------------|
| i) <u>SUPER COMPUTER</u> |
| ii) <u>PERSONAL COMPUTER</u> |
| iii) <u>MAIN FRAME COMPUTER</u> |

- iii) A computer is AN ELECTRONIC DEVICE THAT PROCESSES DATA IN PUT AND GIVES OUT DATA OUTPUT. OR IS AN ELECTRONIC DEVICE THAT PROCESSES DATA INPUT AND SIMPLIFY WORK.

v) List only three advantages of computer

- a) SIMPLIFY WORK.
- b) PROVIDES INCOME.
- c) ACCURACY.

v) Mention only five input devices

- a) KEYBOARD.
- b) MOUSE.
- c) JOY STICK.
- d) LIGHT PEN.
- e) TRACK BALL.

vii) Mention only five computer Hardware

- a) CENTRAL PROCESSING UNIT (CPU).
- b) SCANNERS.
- c) RAM (RANDOM ACCESS MEMORY)
- d) PROCESSORS.
- e) POWER CABLE.

vii) Mention five examples of operating system

- a) WINDOW OR WINDOW ORBUNTU.
- b) WINDOW BLACK.
- c) WINDOW VISTA.
- d) WINDOW DOS (DOS, DISK OPERATING SYSTEM).
- e) WINDOW 95.

(979) Excellent!
HEKIMA GIRLS' SECONDARY SCHOOL
PRE-FORM ONE FINAL EXAMINATION: NOVEMBER/DECEMBER, 2016
ENGLISH LANGUAGE.

TIME: 2 Hours

NAME: ANNAGRACE JASSON

INSTRUCTIONS:

1. Answer all the questions
2. All answers must be written in the spaces given on the question paper.
3. Change the words in brackets into the Present Continuous Tense by writing the answer from the blanks.
 - i) Dina IS VISITING (visit) her grandmother
 - ii) Welima IS WRITING (write) a letter to her aunt.
 - iii) My sister IS WASHING (wash) utensils in the kitchen
 - iv) She IS PLAYING (play) with her friends
 - v) Our teacher IS EXPLAINING (explain) about tenses
 - vi) The cat IS DRINKING (drink) milk
 - vii) Mungo IS READING (read) a story book.
 - viii) They ARE TRAVELLING (travel) to Mombasa next month.
4. Fill in the spaces with Do or Does
 - i) DO cows eat grass?
 - ii) DOES a snake lay eggs?
 - iii) DO you grow cotton?
 - iv) DO they come to school late?
 - v) DO orphans pay school fees?
5. Write these sentences again according to the instructions given.
 - i) It drinks milk. (Change the sentence into a question)
..... DOES IT DRINK MILK?
 - 25 ii) They are harvesting maize in the farm. (Make the sentence negative).
..... THEY ARE NOT HARVESTING MAIZE IN THE FARM.
 - iii) She doesn't like Ugali. (Change it into positive)
..... SHE LIKES UGALI.
 - iv) They don't visit us at night. (Change it into negative written)
..... THEY DO NOT VISIT US AT NIGHT.
 - v) I am completing my notes. (Change it into a question)
..... AM I COMPLETING MY NOTES?
6. Put the correct form of the verb in brackets.

Everyday Juma GOES (go) to school. He REACHES (reach) school in good time. When he ARRIVES (arrive) he washes his hands. He ENTERS (enter) the classroom and SITS (sit) at his desk. The teachers TEACH (teach). The children STUDY (study) and ask questions.
7. Underline the pronouns in the following sentences.
 - i) He is a student.
 - 25 ii) It is too hot
 - iii) We are playing football.

6. Underline the verbs in the following sentences.
- Kajuna is washing the cup.
 - He is making ugali.
 - They are eating food.
7. Underline the adjectives in the following sentences
- Mary is a beautiful girl.
 - He is tall.
 - She is fat.
8. The following are feelings expressed by people. Comment on each one of them if it is positive or negative.
Eg. love - Positive
- | | | | |
|------------|----------|----------------|----------|
| i) Sad | NEGATIVE | vi) Thirsty | NEGATIVE |
| ii) Happy | POSITIVE | vii) Angry | NEGATIVE |
| iii) Joy | POSITIVE | viii) Cheerful | POSITIVE |
| iv) Lonely | NEGATIVE | ix) Hungry | NEGATIVE |
| v) Tired | NEGATIVE | | |
9. Change the following words into adverbs
- Beautiful ... BEAUTIFULLY
 - Careful ... CAREFULLY
10. Mention two (2) conjunctions
- YET
 - SO
11. Make one sentence for each of the following words.
- On ... JUMA IS STANDING ON THE STONE.
 - Beside ... YDIA SITS BESIDE VANESA.
 - Under ... I KEPT MY SHOES UNDER THE BED.
12. Identify the types of sentences below by writing if the sentence is a STATEMENT, REQUEST, QUESTION, COMMAND or EXCLAMATION. For example: Eat.....COMMAND
- Lilian is writing a letter. ... STATEMENT
 - Go out! ... COMMAND
 - Where are you going? ... QUESTION
 - Please, can you help me? ... REQUEST
 - Oh, what a beautiful morning! ... EXCLAMATION
13. Identify the SUBJECT and PREDICATE parts in the following statements.
- | | |
|---|---|
| i) <u>Asha</u> / <u>is reading</u> .
SUBJECT PREDICATE | iv) <u>I am dancing</u> .
S. PREDICATE |
| ii) <u>Asha</u> / <u>will come tomorrow</u> .
SUBJECT PREDICATE | v) <u>Juma</u> / <u>went to the church</u> .
SUBJECT PREDICATE |
| iii) <u>A letter</u> / <u>is being written by the students</u> .
PREDICATE SUBJECT | vi) <u>Dancing</u> / <u>is interesting</u> .
S PREDICATE |
14. Write a symbols of the following parts of speech as they are used in the dictionary
- Adjective - adj.
 - Adverb - Adv.
 - Conjunction - Conj.
 - Preposition - Prep.
 - Verb - V.
 - Pronoun - Pron.

15. By using the sound of the animals in the box below fill in the blanks for the following animals:

BARK, ROAR, BLEAT, BUZZ, GRUNT, LAUGH

Questions.

- i) A pig ... GRUNT
 ii) A lion ... ROAR
 iii) A bee ... BUZZ
 iv) A hyena ... LAUGH
 v) A dog ... BARK

16. Fill in the blanks with the correct word from this list:

CUB, KITTEN, SHEEP, COW, SOW

ANIMAL	MALE	FEMALE	YOUNG
CATTLE	BULL	COW	CALE
LION	LION	LIONESS	CUB
PIG	BOAR	SOW	PIGLET
CAT	CAT	CAT	KITTEN
SHEEP	RAM	EWE	LAMB

17. Write the meaning of the following prefixes. Number one has been done for as an example.

- i) trans - ACROSS
 ii) fore ... BEFORE
 iii) dis ... NOT OPPOSITE
 iv) pre ... BEFORE
 v) non ... NOT
 vi) post ... AFTER
 vii) bi ... TWO
 viii) mono ... ONE
 ix) di ... TWO
 x) tri ... THREE
 xi) quad ... FOUR
 xii) multi ... MANY
 xiii) penta ... FIVE
 xiv) poly ... MANY
 xv) un ... NOT OPPOSITE

18. For each of the following suffixes write one word which is an example of that suffix.

	SUFFIX	MEANING	EXAMPLE
i	... QUICK ... LY	in a ADJECTIVE manner	QUICKLY
ii	... CLOCK ... WISE	in the manner of	CLOCKWISE
iii	... CLASS ... IFY	cause /make	CLASSIFY
iv	... HARD ... EN	cause/ make	HARDEN
v	... DIRECT ... OR	agent/instrument	DIRECTOR
vi	... PAY ... EE	recipient	PAYEE
vii	... INTER ... ACTION	state/ action	INTERACTION
viii	... GOVERN ... MENT	state / action	GOVERNMENT
ix	... ATTEND ... ANT	agent/ instrument	ATTENDANT
x	... PACK ... AGE	activity	PACKAGE
xi	... COOK ... ER	agent/ doer/ instrument	COOKER

SHULE YA SEKONDARI YA WASICHANA HEKIMA.
MTIHANI WA KUMALIZA KOZI YA PRE- FORM I: NOVEMBA, 2016
KISWAHILI.

MUDA: MASAA 2

JINA: ANNAGRACE JASSON

MAELEKEZO.

1. Jibu maswali yote
2. Fuata maelekezo ya kila swali.
3. Majibu yote yaandikwe katika sehemu iliyoachwa wazi.

1. a) Lugha ni Mfumo wa mawazi lugha za nasibu zilizobeba maana ili kubalika na watu wa jamii fulani ili zitumike katika mawasiliano.

b) Taja umuhimu wa lugha katika mawasiliano.

i) Hutumika kupundishia au kupundishae

ii) Hutumika kujenga jamii

iii) Hutumika kutambulisha au kutambulishana

iv) Hutumika katika Euelimisha jamii na kupachana kakan

v) Hutumika pamoja na kutufanya wamaaj nataratibu

2. a) Lugha fasaha ni lugha inayopuata kanuni zote za lugha hiyo kimaana, kimantiki, kimatamshi na kimuundo.

b) Taja vigezo vinne vinavyoifanya lugha iwe fasaha

i) MAANA

ii) MUUNDO

iii) MANTIKI

iv) MATAMSHI

c) Onesha makosa ya kimuundo, kimantiki, kimaana au kimatamshi katika sentensi zifuatazo.

i) Niliwakuta hawapo KIMANTIKI

ii) Roda amenona sana KIMAANA

iii) Sigara anapenda kuvuta yeye KIMUUNDO

iv) Michango yetu imewakilishwa leo asubuhi KIMAANA

v) Nisamehe zambi zangu KIMATAMSHI

vi) Chai imeingia nzi KIMANTIKI

vii) Alikuwa mwakilishi baada ya kuja mzazi wangu KIMAANA

3. Oanisha orodha A na B ili kujenga dhana sahihi.

ORODHA: A	ORODHA: B
i) Ni kuelewa jambo na kuweza kulifafanua	A. Kamasu
ii) Maana, miundo, matamshi na mantiki	B. Matumizi ya kamusi
iii) b, ch, d, f, h, j, k, l, m, n, p, r, s	C. Kitenzi
iv) Ni neno au kikundi cha maneno kinachotoa maelezo zaidi juu ya jina au kiwakilishi.	D. Lugha
v) Ni mfumo wa sauti za nasibu zenye kubeba maana zilizokubaliwa na jamii ya watu fulani ili zitumike kuwasiliana	E. Kielezi
vi) Ni kitabu cha marejeo chenye msamiati uliokusanywa kutoka kwa wazungumzaji wa jamii Fulani na kupangwa kwa utaratibu maalum kisha kufafanuliwa kwa namna ambayo msomaji ataelewa.	F. Konsonanti
	G. Kusoma
	H. Ufahamu
	I. Vipengele muhimu katika lugha.

vii) Ni aina ya ufahamu ambapo mtu huweza kuelewa maneno yaliyoandikwa.	J. Kamusi
viii) Kuonesha Tahajia sahihi za maneno, kuonesha maana za maneno kuonesha matamshi sahihi na kubainisha aina za maneno.	K. Matumizi ya lugha
ix) Ni neno au maneno yanayotoa taarifa juu ya kitenzi, kivumishi au kielezi.	L. Kivumishi
x) Kupashana habari, kujenga jamii, kutambulisha, kufundisha n.k	M. Irabu
	N. Kitabu
	O. Mawasiliano
	P. Kónsonanti na Irabu
	Q. Hakuna jibu

ORODHA: A	i	ii	iii	iv	v	vi	vii	viii	ix	x
ORODHA: B	H	I	F	L	B	J	G	B	E	K

4. Bainisha aina za maneno yaliyopigiwa msitari katika sentensi zifuatazo:

- Mtoto anacheka taratibu
E
- Juma alikunywa pombe chunga sana.
V
- Mwalimu hodari kufundisha kwa bidii.
V
- Musa ni mwanafunzi mfupi sana.
N
- Baba na mama ni wazazi wetu ingawa hawatulipii karo.
U
- Daah! Na wewe ni kahaba?
H
- Hiki ndicho kitabu nikipendacho.
V
- Gari linaendeshwa kiupesi kiupesi.
E
- Bunge hukutana mara kwa mara.
H
- Kitabu hiki kinafundisha sana.
V

5. a) Taja aina saba za maneno.

- KITENZI
- KIVUMISHI
- KUONGANISHI
- KIONGO
- KIMISHTI
- KIELEZI
- KIWA KILISHI

b) Taja aina tatu za ufahamu.

- UFAHAMU WA KUONGANA
- UFAHAMU WA KUONA AU KUTAFAKARI
- UFAHAMU WA KUKILIZA

"HERI YA XMASS NA MWAKA MPYA"
Mwl. Gerald

HEKIMA GIRLS' SECONDARY SCHOOL
PRE-FORM ONE FINAL EXAMINATION: NOVEMBER/DECEMBER, 2016
CHEMISTRY.

TIME: 1½ Hours

NAME: ANNAGRACE JASSON

INSTRUCTIONS.

1. Answer all the questions.
 2. Draw by using a pencil
-
1. Choose the most correct answer and write its letter in the space given.
 - i) Natural science comprises of:
A. Geography, Kiswahili, Physics
B. Physics, Chemistry, Bible Knowledge
C. Physics, Chemistry, Geography
D. Physics, Chemistry, Biology
(D)
 - ii) Matter exists in three states. What are they?
A. Solid, liquid and gas
B. Solid, Ice and liquid
C. Vapour, gas and solid
D. Liquid, water and solid
(A)
 - iii) is used in the laboratory to hold a test tube when heating substances
A. Test-tube rack
B. Test-tube holder
C. Beaker
D. Test -tuber brush
(B)
 - iv) is not in a solid state
A. Table
B. Ice
C. Water
D. Stone
(C)
 - v) does not require knowledge of chemistry.
A. Synthesis of antibiotics such as aspirin and paracetamol
B. Production of soaps and detergents in industries
C. Industrial production of pure drinking water
D. Generation of Electricity due to water falls
(D)
 2. Write 'TRUE' or 'FALSE'
 - i) A chemist is not a scientist .. FALSE
 - ii) A laboratory is also found in industries .. TRUE
 - iii) A beaker keeps test-tubes so as not to be broken .. FALSE
 - iv) Flask = beaker .. FALSE
 - v) "Don't talk in the laboratory" This is an example of laboratory rules: .. FALSE
 3. i) What is Chemistry? IS THE BRANCH OF SCIENCE WHICH DEALS WITH COMPOSITION AND DE COMPOSITION OF MATTER.
ii) What is Laboratory LABORATORY IS A SPECIAL ROOM WHERE SCIENTIFIC EXPERIMENTS ARE DONE
 4. Mention any three (3) professions (careers) which need the knowledge of chemistry.
i) TEACHERS 2. CHEMISTS 3. ENGINEERS
 5. Give three examples of materials/products made through the application of chemistry.
1. TOOTH PASTE 2. CEMENT 3. COMMON TABLE SALT

2. Give only four laboratory safety rules.

- i) DO NOT TASTE, EAT, DRINK ANYTHING IN THE LABORATORY.
- ii) MASTER ALL EXITS.
- iii) OPEN WINDOWS AND DOORS FOR PROPER VENTILATION.
- iv) DO NOT TOUCH ELECTRIC EQUIPMENT WITH WET HANDS.

3. a) Mention any three (3) examples of solid substance.

- i) SOIL
- ii) TABLE
- iii) BOOKS

b) Draw the diagram of a:-

i) Test-tube



ii) Beaker



c) The following is a list of apparatus with the letters which are mixed up (not in order) Arrange the letters again to produce the names of three (3) pieces of apparatus.

- i) LUPSTAA SPATULA
- ii) REBAKE BEAKER
- ii) GOTSNI TONGS

"THE ROOTS OF EDUCATION ARE BITTER BUT THEIR FRUITS ARE SWEET"
HAPPY NEW YEAR 2017.

HEKIMA GIRLS' SECONDARY SCHOOL
PRE-FORM ONE FINAL EXAMINATION: NOVEMBER, 2016
HOME ECONOMICS.

TIME: 1 HOUR

NAME: ANNAGRACE JASON

91/100 ✓ V. Good

INSTRUCTIONS

1. This paper has seven questions.
2. Answer all the questions. Read them carefully before answering.
3. All answers must be written in the spaces provided on the question paper.
4. Write your name on the space provided.

1. Using the following words, answer questions (i) and (ii) below by filling in the blanks.

Mental, Science, individual, Societies, Home, Unity, Maximum, Family

(10) i) Home economics is an applied SCIENCE which helps an INDIVIDUAL to solve problems around the family or SOCIETIES.

ii) HOME is a place where people live as a FAMILY.

2. Home Economics has three components. List them.

(08) i) TEXTILE AND DRESS MAKING
ii) HOME MANAGEMENT
iii) NUTRITION FOOD AND NUTRITION

3. i) Textile are raw materials from which FABRICS are made.

(10) iii) FOOD is anything that living creatures or plants take into their bodies to give them ENERGY.

iii) Food preservation is to KEEP the food in good condition for a LONG TIME.

4. List four tools/equipment used in pressing.

(10) i) IRONING BOARDS ii) IRONING BLANKETS
iii) BUMPING CLOTH iv) IRONS

5. Mention four types of scissors.

(08) i) CUTTING SHEARS ii) EMBROIDERY SHEARS
iii) TREADING SHEARS TRIMMING iv) PINKING SHEARS

6. Write the function of the following pieces of equipment.

(10) i) Tailor's chalk is used for PUTTING MARKS ON CLOTHES OR PATTERNS WHEN SEWING

ii) Seam or stitch ripper is used for CUTTING UNWANTED STITCHES AND TO CUT MACHINE MADE BUTTON HOLES

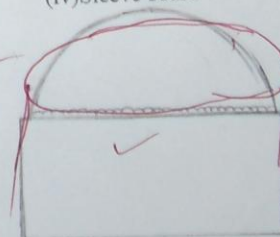
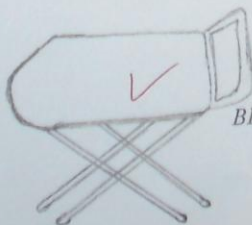
7. Draw the following tools:

(i) A tracing wheel

(ii) Ironing board

(iii) Pinking shears

(iv) Sleeve board



BEST WISHES