

OFISI YA RAIS TAWALA ZA MIKOA NA SEREKALI ZA MITAA.  
MKOA WA KILIMANJARO.  
MTIHANI WA UTAMIRIFU WA KIDATO CHA NNE MKOA.

KISWAHILI

MSIMBO: 021

MUDA :SAA 3

MEI 2023

MAELEKEZO

1. Karatasi hii ina sehemu A,B na C zenye jumla ya maswali **kumi na moja (11)**.
2. Jibu maswali **yote** katika sehemu A na B na maswali **mawili (2)** kutoka sehemu C.  
Swali la 11 ni la lazima.
3. Sehemu A ina alama kumi na sita( 16), sehemu B alama hamsini nan ne (54) na sehemu C ina alama thelethini (30)
4. Zingatia maelekezo ya kila sehemu na ya kila swali.
5. Simu za mkononi na vitu vyote visivyoruhusiwa havitakiwi katika chumba cha mtihani.
6. Andika **namba yako ya mtihani** katika kila ukurasa wa karatasi yako ya kujibia.

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**SEHEMU A.(Alama 16)**

1. Chagua herufi ya jibu sahihi katika vipengele (i)-(x), kisha andika herufi ya jibu hilo kwenye karatasi ya kujibia.

(i). Neno **maji** limeundwa kutokana na njia ipi kati kati ya hizi zifuatazo?

- A. Ufananisho
- B. Utohoaji
- C. Unasibu
- D. D.Uambatanishaji
- E. Uhulutishaji.

ii). Kikundi cha maneno kinachoonisha jambo lililotendwa na mtenda katika sentensi hujulikanaje?

- A. Chagizo
- B. Kitenzi
- C. Kivumishi
- D. Shamirisho
- E. Nomino

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iii). Viambishi vya O- rejeshi vya nomino “gari” ni vipi kati ya vifuatavyo?

- A. O/ YO
- B. YE/
- C. LO/YO
- D. O/ZO
- E. PO/YO

iv)Ni maelezo maalumu yanayotolewa kwenye hadhara ya watu.

- A. A.Risala
- B. B.Kumbukumbu za mkutano
- C. C.Hotuba
- D. D.Ajenda
- E. E.Insha



v) Ingawa zipo njia mbalimbali za uundaji wa maneno mapya, Ni njia ipi inayotumika kuunda neno jipya kwa kubadili kategoria ya neno?

- A. A.Kuambisha maneno
- B. B.Kubadili kundi au sifa ya neno
- C. C.Kuhulutisha maneno
- D. D.Urudufishaji
- E. E.Kuhamisha maana ya neno

vi). Ukiwa kama mwanafunzi wa kidato cha nne, unaweza kusema kiimbo hufasiliwaje katika mazungumzo ya lugha ya Kiswahili?

- A. Kuzungumza na kuongea kwa sauti
- B. Kuzungumza kwa kupandisha mawimbi ya sauti
- C. Kuzungumza kwa kushusha mawimbi ya sauti
- D. Kuzungumza na kushuka kwa mawimbi ya sauti
- E. Kupanda na kushuka kwa mawimbi ya sauti

vii) Aina za maneno hufafanua kuhusu mambo mbalimbali. Onesha aina ya neno ambalo hufafanua zaidi kuhusu tendo au kivumishi kati ya haya yafuatayo?

- A. Kitenzi
- B. Kihusishi
- C. Kielezi
- D. Kiunganishi
- E. Kiwakilishi

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viii) Kuna ngeli tisa za nomino za Kiswahili, katika ngeli hizo kila nomino huwekwa katika ngeli yake. Neno **Ngamia** lipo katika ngeli ipi kati ya hizi?

- A. I-ZI
- B. YU-A-WA
- C. KI-VI
- D. LI-YA
- E. U-ZI



ix) Mwalimu wa Kiswahili aliwafundisha wanafunzi wake aina mbili za mofimu na mifano yake. Ukiwa kama mwanafunzi wa kidato cha nne, oneshwa ni neno lipi kati ya haya yafuatayo hufanya kazi ya mofimu huru?

- A. Uji
- B. Uzuri
- C. Uchache
- D. Ufa
- E. Mtoto

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x) Sentensi zote za Kiswahili huundwa kwa miundo mbalimbali. Ni sentensi ipi kati ya zifuatazo yenye muundo wa kiwakilishi+kirai kivumishi+kitenzi kikuu+kirai nomino?

- A. Sisi sote tulicheza vizuri sana
- B. Mimi na yeye hatuelewani hata kidogo
- C. Wao hawataki tuimbe nyimbo zetu
- D. Wale wote wanapeda muziki
- E. Nyinyi nyote tunawapenda sana

2. Oanisha maelezo ya **Orodha A** na maneno katika **Orodha B**, kisha andika herufi ya jibu sahihi katika karatasi yako ya kujibia.

ORODHA A	ORODHA B
(i) Kupangilia visa na matukio katika maandishi kwa lengo la kuburudisha, kuelimisha na kuakisi hali halisi ya jamii.	A. Tashtiti
(ii) Masimulizi ya kubuni yanayosawiri tukio, tabia na migogoro katika katika maisha	B. Migogoro
(iii) Mchezo wa kuigiza unaoandikwa ili utendwe jukwaani	C. Maudhui
(iv) Mambo ya kubuni yenye mawanda mapana, lugha ya kinathari, mchangamano wa visa, dhamira na wahusika kadhaa	D. Riwaya
(v) Mambo ambayo msanii wa kazi ya fasihi anayawasilisha katika jamii yake.	E. Masimulizi
(vi) Ni tamathali ya semi ambayo mtu huulizwa swali ambalo tayari ana jibu lake	F. Visa
	G. Hadithi
	H. Utungaji
	I. Tamthiliya



## SEHEMU B (Alama 54)

Jibu maswali yote katika sehemu hii.

3. Wewe ni mwanaisimu mbobezi wa lugha ya Kiswahili. Tumia utalaamu wako kutoa elimu juu ya kazi za mofimu tegemezi zilizokolezwa wino kwenye maneno yafuatayo:

- a) Hatutasaidiana
- b) Kitoto
- c) Akija
- d) Nilikunywa
- e) Hakumtaka
- f) Ninalima

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4. Usanaa wa fasihi hujitokeza katika vipengele mbalimbali muhimu. Kwa kutoa maana ya sanaa, taja vipengele vinne vinavyoonesha usanaa wa fasihi.

5. Wapo baadhi ya wanazuoni wa somo la Kiswahili wanaodai kuwa Kamusi ya Kiswahili haina tija. Ukiwa kama mwanafunzi wa Kidato cha Nne, toa hoja sita kukanusha dai hili.

6. Ingawa Kiswahili kimepata kukua na kuenea sana hata kabla ya kupata uhuru wa Tanganyika. Unafikiri ni sababu zipi zilizosaidia kuenea kwa Kiswahili kuanzia mwaka 1961. Toa hoja sita na mifano kwa kila jibu lako.

7. Soma kifungu cha habari kisha jibu maswali yafuatayo.

“Ndugu wazazi, kumbe safari yenu inahusu harusi ya Zaituni?” Mkuu wa shule aliwauliza wazazi. “Ndiyo,” wazazi walijibu kwa Pamoja bila aibu. “Inategemewa kufugwa lini.” Mkuu aliendelea kuhoji.

Harusi hii ilikuwa ifanyike wakati Zaituni anapofika kidato cha nne. Lakini Zaituni huyu ametufanyia uhuni na vituko visivyoielezeka. Nasi sasa tunachukiwa kijiji kizima na kudharauliwa na kila mtu. Hii imetuudhi sana: tumetungiwa nyimbo na kufanyiwa kila shutuma. Hatuna raha; hivyo tumeonelea bora tuje kukuomba umfukuze shule ili kiburi kimwishie. Nasi tupo tayari kukulipa kiasi chochote cha fedha ukitimiza haja yetu hii.” Mzee Abdallah alieleza. “Muda wote mkuu wa shule alikuwa akimtazama Mzee kwa chati sana. Kisha akauliza swali la kuchochea zaidi: Zaituni ana kiburi kumbe?”



Mama Zaituni hakutaka hilo limpite .hima hima akatoa maelezo yake .”Mama wewe .Zaituni usimuone hivi.Zaituni mwanangu hataki kufuata utamaduni wetu wa kuolewa. Zaituni ati achague mchumba mwenyewe,ati mahari haiyoni kama ni kitu cha msingi. Kiburi hicho kinatokana na elimu mliyompa.

Mtoto sasa ameharibika .Anafanya apendavyo .Hii elimu gani isiyojali adabu,wala utii?  
“Mama Zaituni alimaliza huku jasho na machozi yanamtoka”.

Hapa mkuu wa shule aliona kwanza awaelimishe kabla hajawatolea kauli ya mwisho.Alikwishatambua kwamba wazazi wa Zaituni walikuwa wameachwa nyuma na wakati .Kila upya wa mawazo waliuita kiburi.

#### Maswali.

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- a) Wazazi wa Zaituni walikwenda shuleni kufanya nini ?
  - b) Wazazi walisema kuwa Zaituni amefanya kosa gani.
  - c) Eleza mgogoro mkuu uliopo kati ya Zaituni na wazazi wake.
  - d) Fupisha habari hiyo kwa maneno yasiyopungua 50 na yasiyozidi 60.
8. Wewe ni daktari katika hospitali ya Rufaa ya Bugando unayehusika na kitengo cha magonjwa ya Watoto, umealikwa katika kijiji cha Nyakato kwenda kuzungumza na wanakijiji juu ya swala la utapia mlo . Andika risala utakayoitoa kwa Mkuu wa wilaya ya Nyamagana kuwahimiza wanakijiji kuwapa Watoto mlo kamili.

#### SEHEMU C (Alama 30)

Jibu maswali mawili tu (2) kutoka katika schemu hii. Swali la kumi na moja (11) ni la lazima.

#### ORODHA YA VITABU.

##### USHAIRI.

Wasakatonge	-	M.S. Khatibu (DUP).
Malenga wapya	-	TAKILUKI (DUP)
Mashairi ya Chekacheka	-	T.A.Mvungi(EP&D.LTD)

##### RIWAYA.

Takadini	-	Ben J.Hanson (MBS)
Watoto wa Mama N'tilie	-	E.Mbogo(HP)
Joka la Mdimu	-	A.J.Saffari (HP)



## TAMTHILIYA

Orodha - Steve Reynolds(MA)

Ngoswe Penzi Kitovu Cha uzembe - E. Semzaba (ESC)

Kilio chetu - Medical Aid Foundation (TPH)

9. "Kumekuwa na mgogoro mkubwa sana kati ya wazazi na vijana jambo ambalo limepelekea vijana wengi kushindwa kuishi na wazazi wao ili hali wakiwa katika umri mdogo na kupelekea vijana hao kukumbwa na changamoto mbalimbali katika maisha yao ya ukuaji na hatimaye kushindwa kutimiza ndoto zoa".Kwa kutumia tamthiliya mbili ulizosoma toa hoja tatu (3) kwa kila tamthiliya kwa kuonesha chanzo cha migogoro hiyo na namna ya kuitatuta.
10. "Mienendo ya wahusika ni muhimu katika ujenzi wa dhamira za mwandishi wa kazi ya fasihi". Thibitisha kauli hii ukionesha jinsi mienendo ya wahusika ilivyofanikisha kuibua dhamira .Toa hoja tatu kwa kila kitabu kutoka katika riwaya mbili ulizosoma.
11. "Mshairi ni kama taa imulikayo gizani ili kufichua kilichojificha ".Thibitisha ukweli wa kauli hii kwa kutoa hoja tatu kutoka kila diwani kati ya mbili ulizosoma.

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**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**ENGLISH LANGUAGE**

**CODE: 022**

**TIME: 3 HOURS**

**MAY 2023**

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**INSTRUCTIONS**

1. This paper consists of section A, B and C with a total of eleven (11) questions.
2. Answer all questions in section A and B and two (2) questions from section C of which question number nine (9) is compulsory
3. Section A carries sixteen (16) marks, section B carries fifty- four (54) marks and section C carries thirty (30) marks.
4. Cellular phones and any unauthorized materials are not allowed in the examination room.
5. Write your examination number on every page of your answer booklet(s)

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### SECTION A (16 Marks)

Answer **ALL** questions in this section.

1. For each of the items (i)-(x), choose the correct option from among the given alternatives and write its letter beside the item number in answer booklet provided.

(i) Madam Haika told Joram to say the following statement loudly; "I wish you wish, but if you wish the witch wishes, I won't wish the wish you wish to wish." This statement is known as?

- A. a pronunciation test
- B. a creative composition
- C. a brainstorming
- D. a tongue twister
- E. a quiz

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(ii) Which of the following sentence has right word order?

- A. I can go to the swimming pool with you
- B. To the swimming pool with you I can go.
- C. I can to the swimming pool go with you
- D. To the swimming pool with you I can go.

(iii) A man with two wives Jane and Hasra has four children Aneth and Azary from his first wife Jane while Asha and Azizi are from the second wife. In this relation, Azizi is Jane's .....

- A. Mother in law
- B. Step mother
- C. Co wife
- D. Son
- E. Step mother



(iv) The earth rotates around the sun. The article 'the' is used before the word sun to show that the word sun is

- A. Singular
- B. Mentioned in the second time
- C. Known
- D. Only in the universe
- E. Bigger than the earth

(v) Take an examination paper; put it down waiting for an invigilator to give you permission to start, the above statements are examples of:

- A. Asking for a request
- B. Giving instructions
- C. Expressing conditions
- D. Expressing ones ideas
- E. Expressing likes and dislikes

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(vi) Among the given expressions, which one is suitable for asking direction?

- A. Excuse me, I think I am lost. May you please, show me the way to the police station?
- B. I want to go to the police station, show me the way.
- C. Show me the way to the police station.
- D. Hey, show me the way to the police station
- E. You show me the way to the police station.

(vii) All of the following are uses of dictionaries EXCEPT one

- A. Looking up the meaning of new words
- B. Finding the spelling of a word
- C. Looking for grammatical information about a word
- D. Looking for a word with opposite meaning
- E. Preserving historical information



(viii) Having done his homework, the labourer sat down to rest. The underlined word indicates,

- A. Past participle
- B. Present continuous tense
- C. Gerund
- D. Past continuous tense
- E. Past perfect tense

(ix) What does the phrasal verb “check out” mean;

- A. To distinguish
- B. To postpone
- C. To save
- D. To leave
- E. To take care of

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(x) Hamisi was watching a football match between Mtibwa sugar and Kagera sugar at Nyasa stadium. In this situation Hamisi was a;

- A. Referee
- B. Defender
- C. Striker
- D. Spectator
- E. Goal keeper.



2. Match the following descriptions in LIST A with their corresponding adjectives in LIST B by writing the letter of the correct response beside the item number in answer booklet provided

LIST A	LIST B
(i) Something that you can hear	A. Soluble
(ii) Something that you can read easily	B. Portable
(iii) Something that can be eaten and not poisonous	C. Legible
(iv) Something that can be dissolved	D. Credible
(v) Something that can be witnessed	E. Navigable
(vi) Something capable of being navigated	F. Audible
	G. Visible
	H. Edible
	I. Suitable

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**SECTION B (54 Marks)**

**Answer ALL questions in this section**

3. A conditional sentences type one can be presented in a number of ways. Construct one sentence under each of the following ways to illustrate their use.
- (i) The use of if + present simple + be + going to
  - (ii) The use of if + present simple + imperative
  - (iii) The use of unless + present perfect + modal verb
  - (iv) The use of incase + present simple + will+ infinitive
  - (v) The use of unless + present simple + be + going to
  - (vi) The use of if + present continuous + will + infinitive



4. Your pen is out of ink and you ought to ask one from your friend. Construct one sentence you could make by using each of the following ways.
- (i) Use the word 'excuse
  - (ii) Use the word please
  - (iii) Use any modal auxiliary verb
  - (iv) Use the phrase would you mind
  - (v) Use lexical verb in impolite way
  - (vi) Use positive statement with a question tag
5. For each of the items (i)-(vi) construct one sentence to show different expressions of actions by using each of the following guidelines
- (i) An action which happened in the past using irregular verbs
  - (ii) An action which has occurred
  - (iii) The use of shall +have +gerund +noun
  - (iv) An action ended before another action took place
  - (v) A progressive action in present with transitive verb
  - (vi) Habitual action in the past with intransitive verb
6. Re write the following sentences according to the instructions given after each
- (i) Alan is tall. He can fix the blackboard.( Join the sentences using.....enough to.....)
  - (ii) Mr Alex did not come. Dr Leon did not come too.( Join the sentence using ..... neither....nor)
  - (iii) Haika plays piano. Asha plays piano too.(Join both.....)
  - (iv) Mr Akilimali was sturbbon. His father was also sturbbon .(Use as.....as)
  - (v) The weather is bad. We are enjoying ourselves. (Begin Although.....)
  - (vi) We had good players yet we lost three matches (Begin Inspite of.....)



7. Suppose you're the head prefect of your school you have received a guest who wants to know the location of toilets, library, headmaster's office, physics laboratory, school kitchen and classrooms in your school.

Use words/phrases in the box to construct six sentences giving the location of these places.

Close to, next to, behind, opposite, adjacent, near

8. Your school, Moipo Secondary School is preparing for a graduation party which will be held at school assembly hall. Write a good invitation card following the procedures to invite different guests.

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**SECTION C (30 Marks)**

Answer **two (2)** questions in this section. Question number 9 is compulsory.

9. Argue against the statement 'Digital revolution has spoilt the world.' Use six points in not more than 250 words.

**LIST OF READING**

**NOVELS AND SHORT STORIES**

A wreath for Fr Mayer	-	S. N Ndunguru (1977), Mkuki na Nyota
Unanswered Cries	-	Osman Conteh, Macmillan
Passed like a shadow	-	B.M Mapalala (2006), DUP
Spared	-	S. N Ndunguru (2004),
Weep not child	-	Ngugi wa Thiong'o (1987), Heinemann
The interview	-	P. Ngugi (2002), Macmillan.

**PLAYS**

Three suitors one husband	-	O. Mbia (1994), Eyre Methuen
The Lion and the Jewel	-	W. Soyinka (1963), Oup
This Time Tomorrow	-	Ngugi wa Thiong'o (1972), Heinemann
The black Hermit	-	Ngugi wa Thiong'o



## POETRY

Song of Lawino and Ocol	- O. P' Bitek(1979), EAPH
Growing up with Poetry	- D. Rubadiri (Ed) (1989), Heinemann
Summons	- R. Mabala (1960), TPH

10. With reference to two poems you have read, explain how poets have portrayed the issue of oppression and show relevance of these poems to your society. (Provide three points from each poem.)
11. "Awareness is the basic tool in problem solving in society". By using two novels show how three characters from each novel have used their awareness to deal with the existing situation in their societies.( Give three points from each novel).

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**CIVICS**

**CODE: 001**

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**TIME:3 HOURS.**

**MAY 2023**

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**INSTRUCTIONS**

1. This paper consists of sections A, B and C with a total of **fourteen (14)** questions.
2. Answer all questions in section A and B and **three (3)** questions in section C.
3. Section A carries **fifteen (15)** marks, section B **forty (40)** marks and section C carries **forty five (45)** marks.
4. Cellular phones and any unauthorized materials are not allowed in the assessment room.
5. Write your Assessment Number on every page of your answer booklet(s).



**SECTION A (15 Marks)**

1. For each of the items (i)-(x), Choose the most correct answer from among the given alternatives and write its letter beside the item number in the answer booklet(s) provided

i. If your to talk to your friend who has just lost her mother, what skills will you use?

- A. Self-esteem
- B. Self-worth
- C. Empathy
- D. Self-assertive

ii. ....the type of government formed when two or more independent nations unite?

- A. Union government
- B. Monarchy government
- C. Republic government
- D. Federal government

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iii. Which of the following court has appeal anti power over the decisions of the resident magistrate court of Tanzania.

- A. The primary court
- B. Court of appeal
- C. High court of Tanzania
- D. District kadhi court

iv. Mr. Pondamali is the public servant of the government who uses public office for personal gains. How can Mr. Pondamali be termed?

- A. A good worker
- B. A hard worker
- C. A creative worker
- D. A corrupt worker



- v. In which of the following festival workers express their grievances and expectations to the government?
- A. Karume day
  - B. Zanzibar revolution
  - C. Labours day
  - D. Union day
- vi. The following are the effects of early married except.
- A. Dropping out of school
  - B. Complicated delivery
  - C. Promoted self confidence
  - D. Undermined girls welfare
- vii. In one of the following electoral steps, voters learn the visions, policies and plans held by political parties and candidates
- A. Commencement of election campaigns
  - B. Counting of votes
  - C. Registration of voters
  - D. Voting process
- viii. Natalia's husband died and her late husband's family forces her to get married to her former husband's brother. Such a decision demonstrates.
- A. Gender discrimination
  - B. Gender stereotype
  - C. Gender bias
  - D. Wife inheritance.
- ix. Which of the following is not true about the functions of National Election Commission
- A. To register voters
  - B. To announce the date of election
  - C. To register new political parties
  - D. To supervise election

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x. Before married man and women develop friendship. This period is know as;-

- A. Early marriage
- B. Infidelity
- C. Courtship
- D. Kitchen party

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2. Match the items in List A with the response in List B by writing the letter of the corresponding responses beside the item number in the booklet provided.

LIST A	LIST B
i. The value of goods produced and services provided in a given country	A. Population growth rate
ii. The average number of years an individual is expected to live in a given country	B. Per capita income
iii. The extent at which people in a given country can count, read and write.	C. Mortality rate
iv. The number of death in a particular population in a given country.	D. Gross domestic products
v. The extent at which the number of people increases in a given area in a particular time.	E. Literacy rate
	F. Energy consumption
	G. Life expectancy
	H. Maternal mortality rate



### SECTION B. (40 MARKS)

Answer **all** questions in this section.

3. As a form four students of 2023 explain to a form three student who wants to be a good leader. By using five (5) points tell him how should he supposed to be or to have.
4. Your neighbor, Mr GABRIEL, has not gone to school. Therefore, he lacks skills for developing a stable family. Suggest to him the five (5) pillars of a stable family.
5. According to Abraham Lincoln democracy is the government of the people for the people and by the people. Tanzania is the one among the country popular in implementing democracy. By five (5) points prove that how Tanzania implement democracy.
6. Large numbers of youths in Tanzania are employed themselves as bodaboda drivers. But currently there are large numbers of accidents reported caused by bodaboda and others. As expert in civics explain in short five (5) causes of road accident in Tanzania.
7. Various stakeholders have documented numerous incidences of human rights abuses in Tanzania. Giving five (5) points, suggest ways that can be used to reduce human rights abuses.
8. President Samia .S. Hassan and her government have a dream of safeguarding our constitution. As civics expert, analyse five (5 ) ways that are to be employed by the government to attain that dream.
9. Democracy is universally agreed as the best system of government. List five (5) principles of democracy.
10. Life skills are the abilities that a person has to do something well. As an educated person explain to your community where an individual can acquire or learn life skills. (five points)

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### SECTION C. (45 Marks)

Answer **only three (3)** questions in this section.

11. Globalization as a world phenomena is much characterized with information and communication technology as one of the aspects. What are other six (6) aspects of Globalization?
12. There are efforts to fight poverty at various levels. Suggest six (6) strategies that can be applied to reduce poverty in our societies.
13. Tanzania as a nation having her culture. This culture has a positive values and some practice are termed as bad. Discuss six (6) negative cultural values which should be abolished in our country.
14. Assume you are the chairperson of Hakuna matata village. Most of your villagers wants to know the usefulness of constitution in the country. Help them to know at least six (6) importance of constitution.

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**HISTORY**

**CODE 012**

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**TIME: 3 HOURS**

**MAY 2023**

**INSTRUCTIONS**

1. This paper consists of section A, B and C with total of 10 questions.
2. Answer all questions in section A and B and only two (2) questions from section C.
3. Cellular phones and any unauthorized materials are not allowed in examination room.
4. All drawings should be in pencil.
5. Write your examination number on every page of your answer sheet(s).



## SECTION A (16 MARKS)

Answer all questions in this section.

1. (i) The student at Mtakuja Secondary school went to visit a special building where historical artifacts and other artistic objects are kept, this place historically is known as

- A. Museums
- B. Historical site
- C. Archive
- D. Archaeology
- E. Oral tradition

- (ii) Tanganyika was handed over to British as mandate territory by

- A. League of nations
- B. Trusteeship territory
- C. Exploitation of man by man
- D. Pan- Africanism
- E. Berlin Conference

- (iii) Who named the Southern tip of Africa "Cape of Good Hope?"

- A. Vasco da Gama
- B. Prince Henry
- C. Cecil Rhodes
- D. Bartholomew Diaz
- E. Christopher Columbus

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- (iv) \_\_\_\_\_ remain true pioneer of assimilation policy practiced by France.

- A. Fredrick Lugard
- B. Willium Macknon
- C. Carla Bruni
- D. Lientenant Governor Gallien
- E. Nicholous Pius, Stephen Sarkozy, Naggy Boccu.



(v) Samora Machel and Augustino Neto took up arms to fight against their colonial domination during the second half of 20<sup>th</sup> century. Which colonial rule were

they fighting against?

- A. British
- B. German
- C. Portuguese
- D. French
- E. Belgium

(vi) Population pressure and shortage of land made \_\_\_\_\_ war Inevitable

- A. Mfecane
- B. Majimaji
- C. Maumau
- D. Chimurenga
- E. The kaffir

(vii) In which of the following did microlithic occur

- A. Iron age
- B. Middle stone age
- C. Early stone age
- D. Late stone age
- E. None of the above

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(viii) The powers participated in the world war I were "Triple Entente and Triple Alliance". Entente means

- A. Understanding
- B. Strong
- C. Agreement
- D. Alliance
- E. Mutual

(ix) The colonialist in order to ensure effectively administration in their Colonies decided to use governors who became the top leaders in the Colony. The first governor in Kenya Sir Charles Eliot stressed on the

- A. Construction of Uganda railway
- B. Introduction of steamers in lake Victoria
- C. Integration of Kikuyu into plantation economy
- D. Establishment of settler economy
- E. Creation of SILABU



(x) Who convened the conference which legalized colonization of Tanganyika by Britain from the German?

- A. David Livingstone
- B. Otto von Bismarck
- C. Woodrow Wilson
- D. King Menelik II
- E. Adolf Hitler

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2. Match the items in List A with the correct response in List B by writing the letter of the corresponding responses in the answer sheet provided.

LIST A	LIST B
(i) He ordered in the final solution that the Jewish population should be eliminated	A. David Livingstone
(ii) He chaired the idea of forming a stronger African organization in the 1990's	B. Otto von Bismark
(iii) He formulated 14 points of League of Nations	C. Muammary Gaddafi
(iv) He stated that man developed from an ape like creature	D. Benito Mussolin
(v) The French representative in the Versailles Peace treaty of 1919.	E. Louis Leakey
(vi) The colonial administrator of Dutch East Indian Company	F. Adolf Hitler
	G. Charles Darwin
	H. Woodrow Wilson
	I. Jan van Riebeeck
	J. George Clemenceau



## SECTION B: (54 MARKS)

**Answer all questions in this section**

3. Briefly answer the following questions.

- (i) Why British preferred indirect rule in most of African colonies?
  - (ii) How the discover of iron changed the development of human during the pre-colonial epoch?
  - (iii) How would you prove that colonial education was the seeds which destroyed colonialism in Africa?
  - (iv) To what extent did the unfair terms of the Versailles Peace Treaty of 1919 contribute to the outbreak of the Second World War?
  - (v) Why did Portugal stop to search for the sea route to India?
  - (vi) Why did the colonial infrastructures run perpendicular to the coast?
4. Arrange the following statements in chronological order by writing number 1 to 6 beside the item number.

- (i) Berlin Conference was called by Otto von Bismark to resolve the conflict among the imperialist powers.
- (ii) The imperialist powers sent agents of colonialism such as explorers, missionaries, and traders.
- (iii) The colonial economy was introduced to ensure maximum production of raw materials for European industries.
- (iv) The scramble for and partition of Africa took place after European nations served the potential information about Africa.
- (v) The colonial administrative system was created to ensure supervision of colonial activities.
- (vi) The colonial social services were established to ensure better health and knowledge for maximum production of raw materials.



5. Draw a sketch map of Africa and locate the following.

- (i) A country in West Africa which attained independence under the leadership of Nandi Azikiwe.
- (ii) The largest Belgium colony found in Africa.
- (iii) The country in which German commander Emil Von Zelewsky was killed.
- (iv) A country in East Africa which her president entered into power through dictatorship in 1971
- (v) A country in sub Saharan Africa which got her independence earlier than other African countries.
- (vi) A country which experienced intensive scramble from Dutch and British due to diamond and gold minerals.

6. Briefly explain by differentiating the following historical terms.

- (i) Museums and Historical Sites
- (ii) Nationalism and Decolonization
- (iii) Holocaust and Soweto massacre
- (iv) Mercantilism and monopoly
- (v) Archaeology and Anthropology
- (vi) Primates and Homo erectus

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7. Fill in the blanks with an appropriate historical terminology.

- (i) The title given to the King of Mali \_\_\_\_\_
- (ii) A title given to the young men MAU MAU movement known as Waruhiu Itote. \_\_\_\_\_
- (iii) The language spoken by the Boers in South Africa was \_\_\_\_\_
- (iv) The title given to Oyo Empire was \_\_\_\_\_
- (v) The document written in the 1<sup>st</sup> Century serving as evidence of the contact between Africa, middle and Far East \_\_\_\_\_
- (vi) The symbol used by Asante Empire to signify unity \_\_\_\_\_



**SECTION C: (30 MARKS)**  
**Attempt ONLY two (2) questions.**

8. How did colonial state uphold the interests of white settlers in Kenya?  
(Six points)
9. With vivid examples account for the state of political Instability and Coups in many African countries since the attainment of political independence. (Six points)
10. By using six points discuss the reasons for the rapid expansion of slave trade in East Africa during the 19<sup>th</sup> century.

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**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**  
**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**BIOLOGY I**

**CODE: 033/1.**

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**TIME: 3:00HOURS**

**MAY 2023**

**INSTRUCTIONS.**

1. This paper consists of three (3) sections, A, B and C
2. Answer all questions in section A and B and two questions from section C.
3. Except for diagrams that must be drawn in pencils, all writing must be in blue or black ink.
4. Cellular phone and any unauthorized materials are not allowed in the examination room
5. Write your examination number on every page of your answer booklet(s).



**SECTION A (16 Marks)**

1. For each of the items (i) – (x), choose the most correct answer from the given alternatives and write its letter beside the item number.
- i. In the hospital it was found that a person is universal recipient, the patient has:
- A. Antigen B and antibody a.
  - B. Antigen B and antibody a and b.
  - C. No antigen and antibody a and b
  - D. Both antigen A and B and no antibody
  - E. No antigen and antibody a
- ii. If the magnifying power of the eye piece lens of the compound microscope is X10 and that of the high power objective lens is X 40, What is the magnification of a specimen under observation?
- A. X10
  - B. X5000
  - C. X400
  - D. X50
  - E. X40
- iii. What does selective breeding means as used in genetics?
- A: Only pure stock should be inbred.
  - B. The parents are chosen to produce desired offsprings.
  - C. The encouragement of outbreeding.
  - D. The parents are chosen carefully.
  - E. The offsprings are like parents.
- iv. Why are the Bryophytes the most primitive plants on earth?
- A. They grow on wet areas
  - B. They do not produce seeds
  - C. They reproduce sexually
  - D. They reproduce asexually
  - E. They lack vascular tissues
- v. The function of hydrochloric acid in food testing experment is;
- A. To decolourize food sample
  - B. To oxidize the food sample
  - C. To hydrolyze complex sugar to simple sugar
  - D. To test reducing sugar
  - E. To neutralize sugar foods

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vi. Asha went to Serengeti breweries to see how beers and other brewers are made. What biological principle do you think they are using in making beers?

- A. Saprophytism
- B. Decomposing
- C. Aerobic respiration
- D. Anaerobic respiration
- E. Parasitism

vii. A cell membrane is said to be flexible and semi-permeable. This means;

- A. Liquids passing through it
- B. Small solid can pass through it.
- C. Only certain substances pass through it
- D. Semiliquid pass through it
- E. Some gases pass through it

viii. Structures with common ancestral origin but different functions are called;

- A. Vestigial structures
- B. Analogous structures
- C. Homologous structures
- D. Rudimentary structures
- E. Axial structures

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ix. Which of the following set is found in plant cells but not in animal cells?

- A. Cellulose cell wall, permanent vacuole and chloroplasts
- B. Cell membrane, chloroplasts and nucleus
- C. Chloroplasts, sap vacuole and nucleus
- D. Sap vacuole, cell membrane and cellulose cell wall.
- E. Chloroplasts, vacuole and cell wall.

x. In human circulatory system valves is very vital as it helps the following function among the given alternatives.

- A. Permit blood to circulate rapidly
- B. Prevent blood from moving too rapidly
- C. Prevent blood from flowing in a wrong direction
- D. Stop circulation whenever necessary
- E. Prevent blood clots



2. Match the descriptions in list A with the corresponding terminologies in list B by writing the letter of the correct response besides the item number in the answer sheet or booklet provided.

LIST A	LIST B
i. The growth movement in plants organs in response to unilateral source of heat.	A. Chemotropism
ii. The growth of plant organs in response to unilateral source of water or moisture.	B. Geotropism
iii. The growth movement of plants organs in response to unilateral source of light.	C. Thermotropism
iv. The growth movement of plants organs in response to unilateral source of gravity.	D. Phototropism
v. The growth movement of plants organs in response to unilateral source of chemical.	E. Hydrotropism
vi. Allow some plants species to flower-switch of a year.	F. Thigmotropism
	G. Photonasty
	H. Rheotropism
	I. Photoperiodism

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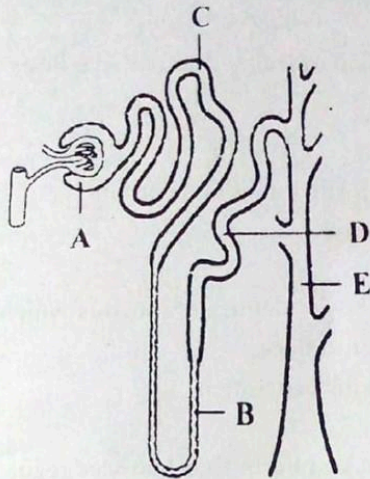
### SECTION B (54 Marks)

Answer all questions in this section

3. (a) Every secretion in the body has its own purpose, nose secretes mucus, mouth secretes saliva and eyes secrete tears. What do you think be the reason for;
- Nose to secrete mucus.
  - Eyes to secrete tears.
  - A mouth to secrete saliva.
- (b) Explain three points why we are advised to boil drinking water?
- (c) contrast between plants found in monocotyledonae and those in dicotyledonae. Give three points.



4. (a) Study carefully the diagram below which shows a part of human uniferous tubule. then answer the questions that follow.



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- i. Name the parts labelled A, B, C and D.
  - ii. What is the name of the fluid in part labelled A?
  - iii. Name two (2) components of the blood that will not diffuse into the part labelled A.
  - iv. What is the significance of the part labelled B for the desert animals?
- b. List three processes involved in urine formation in human being.
5. (a) Briefly explain the importance of genetic engineering in the economic development. Give three (3) points.
- (b) When a red flowered rose was crossed with a White flowered rose, all members of F<sub>1</sub> generation were all pink. When the pink flowered plants were selfed, a mixture of red, pink and white flowered rose plants were obtained.
- i. Illustrate the above crossing using genetic diagrams.
  - ii. What type of inheritance was shown by the crossing in (b) above? Give a reason.
6. (a) Most of the people living in Mbuyuni village dispose waste randomly without taking any precaution.
- i. State any four effects of this habit to their health.
  - ii. Briefly explain three ways you would advise them on how to dispose their wastes properly.



- b. Angiosperms are most diverse and successful group of all plants. State why by giving two (2) reasons.
7. (a) Briefly explain how movement is important to the survival of living things. Give three points
- (b) You have been provided with the following list of organisms found in a certain ecosystem. Herbs, lizards, frogs, grasshopper and snake.
- Construct a simple food chain for provided organisms.
  - From the above food chain you constructed in (b) above, identify organisms which are producers, primary consumers, and secondary consumers,
  - Give the name of the missing group of organisms in the ecosystem.
8. (a) Most people believe that life originated from God only. As a Form four knowledgeable student, help them by showing that there are other theories explaining the origin of life. Use three theories.
- (b) Environmental temperature are not constant it changes day after day. By using three points briefly explain ways used by human body to control body temperature in hot weather.

#### **SECTION C. (30MARKS)**

**Answer two questions in this section**

9. Human in daily life environments comes into contamination with viruses, bacteria, Worms and other pathogens. Explain any six (6) ways used by human body to prevent invasions and infections by diseases causing microorganisms.
10. Explain in five (5) points on why a placenta is formed immediately soon after fertilization.
11. (a) Explain how hearing is brought about in mammals.
- (b) Draw a well labelled diagram of mammalian ear and label its parts.

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**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**BASIC MATHEMATICS**

**CODE: 041**

**TIME: 3 HOURS**

**MAY 2023**

**INSTRUCTIONS**

- i. This paper consists of section A and B with a total 14 questions
- ii. Answer all questions
- iii. Each question carries six (6) marks while each question in section B carries ten (10) marks
- iv. All necessary workings and answers for each question must be shown clearly
- v. Mathematical tables and non-programmable calculators may used
- vi. All communication devices and any unauthorized materials are not allowed.
- vii. Write your examination number on every page of your answer booklets
- viii. Where necessary , use the following constants
  - $\pi = 3.142$
  - Radius of the earth,  $R_e = 6400km$

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## SECTION A (60 marks)

1. a) The traffic light at the three different road crossing changes after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 7 a.m. At what time they change simultaneously again?

- b) It was said that the cost of constructing MV. Mwanza hapa kazi tu ship is 97.5 billion Tsh. Write this amount in :

i) Two significant figures

ii) Standard form

2. a) i) Rationalize the denominator of the expression  $\frac{\sqrt{3}}{\sqrt{5}+2\sqrt{2}}$

ii) If  $\left(\frac{1}{16}\right)^{t+3} \left(\frac{1}{32}\right)^{-5} = 1$ , find the value of  $t$ .

b) Solve  $\log_a(x-3) + \log_a x = \log_a 2$

3. a) Let  $\mu$  be a universal set, A and B be the subsets of  $\mu$  if  $\mu = \{a, b, c, d, f, g, h\}$ .

$A = \{c, g, f\}$  and

$B = \{b, d, h\}$ , find

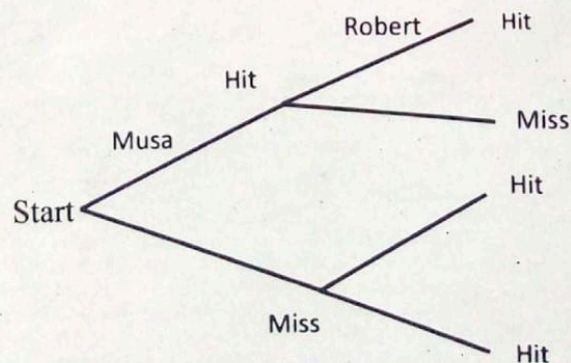
i) The number of subset of set A

ii)  $n(A' \cap B)$

- b) Musa and Robert each throw a dart at a dartboard. The probability that Musa hits the bull eye is 0.1 and the probability that Robert hits the bull's eye is 0.15. Complete the tree diagram and hence find the probability that;

i) Both hits the bulls eye

ii) Neither hits the bulls eye





4. a) The coordinate of P, Q and R are  $(2, m)$ ,  $(-3, 1)$  and  $(6, n)$  respectively. If the length PQ is  $5\sqrt{2}$  units and the mid-point of QR is  $(\frac{3}{2}, -1)$ . Find the possible values of  $m$  and  $n$ .
- b) Given vector  $\underline{a} = \frac{1}{2}(6\underline{i} + 4\underline{j})$ ,  $\underline{b} = 8\underline{i} - 3\underline{j}$  and  $\underline{c} = 2(\underline{i} + 2\underline{j})$
- i) The unit vector  $\underline{d} = 3\underline{a} - \underline{b} + \frac{1}{2}\underline{c}$
- ii) A unit vector in the direction of vector  $\underline{d}$
5. a) Given that  $\triangle ABC$  and  $\triangle LMN$  are similar, find the value of  $\hat{ACB}$  when  $\hat{ABC} + \hat{MLN} = 130^\circ$
- b) Equilateral triangle ABC is similar to equilateral triangle PQR. One side of a triangle ABC is  $5\text{cm}$ . Find the corresponding side of the triangle PQR whose area is 4 times the area of a triangle ABC.
6. a) At  $80\text{km/h}$ , how long will it take to travel  $6\text{km}$ ? Give your answer in minutes and seconds.
- b) The mass " $M$ " grams of a piece of metal varies as its volume  $V\text{cm}^3$ . If the mass of  $6\text{cm}^3$  of the metal is  $80\text{g}$ . Find
- i) The formula for  $M$  in term of  $V$
- ii) The mass of piece of metal whose volume is  $15\text{cm}^3$
7. a) Mr. Ali bought 10 math's text book for Ugandan shillings ( $Ush$ )  $250,000/=$ .if he will decide to buy the same quantity of textbook in Tanzanian Shillings. How much money he will spend if 1  $Ush$  equivalent to 0.65 Tsh?
- b) From the following information given by Mbeya Co. ltd for the year ended 31<sup>st</sup> December 2021.

Stock 01 jan 2021 .....	three quarter of the closing stock
Stock 31 december 2021 .....	$\frac{2}{9}$ of net purchase
Net purchases during 2021.....	432,000.
Gross margin .....	15%
Expenses .....	20% of net profit

**Calculate:**

- i) Cost of goods sold
- ii) Gross profit
- iii) Net profit

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8. a) Nyamoga deposited Tsh. 100,000/= in a bank at a compound interest of 8% per annum for 4 years. Find how much interest he received.
- b) In a forest, some logs are arranged in the form of a pyramid. If the top row, second row and the third row has 1, 3 and 5 logs respectively. Find the number of logs in the 9<sup>th</sup> row of the pyramid.
9. a) If  $\alpha$  and  $\beta$  are complementary angles such that  $\cos \alpha = \frac{\sqrt{3}}{2}$ , find the value of  $2 \sin \beta \sin \alpha$ .
- b) A and B are two points on the ground level and both lie west of the flag staff. The angles of the elevation of the top of the flag staff from A is  $56^\circ$  and from B is  $43^\circ$ . If B is 28m from the foot of the flag staff. How far apart are the point A and B?
10. a) Given  $y = -x^2 + x + 6$ , find the values of  $x$  when  $y = 0$
- b) The difference between two numbers is 15 and the sum of their squares 477. Find the numbers.

### SECTION B (40 marks)

11. a) In a circle of radius 7cm, what will be the arc length subtending the central angle of  $90^\circ$ .
- b) At Boma secondary school 50 students performed mathematics test as shown in the table below

Class interval	0-10	11-20	21-30	31-40	41-50
Frequency	8	$x$	12	$y$	10

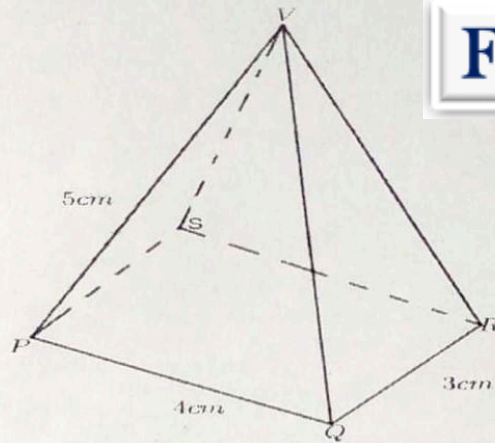
If the modal class having a class mark of 25.5 and the mode of 25.5

- Find the value of  $x$  and  $y$ .
- Draw a pie chart for the data by starting the angle in each sector.
- Use the assumed mean of 25.5 to obtain mean.

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12. a) A student had a trip as part of motivation after a good performance, they leave at school ( $25^{\circ}N, 15^{\circ}E$ ) and used 4 hours to reach at the point for interest ( $25^{\circ}N, B^{\circ}E$ ) at speed of 260km/hr. Determine the value of B at the point of interest of the students.
- b) A rectangular base pyramid VPQRS below such that  $VP = VQ = VR = VS = 5cm$ . If  $PQ = 4cm$  and  $QR = 10 cm$  as shown in the following figure.



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13. a) A team of designer designing the dinning plan and deciding between two different sitting arrangements. First plan consists of 24 tables and 10 benches which seat a total of 244 people. A second plan consists of 16 tables and 10 benches which will seat a total 196 people. Formulate a simultaneous equation and use matrix method to find how many people can be seated at each type of table.
- b) The transformation T is 2x2 matrix which maps the point (1, 3) onto (1,-12) and (2, 5) onto (1,-21). Find where the transformation T maps (4, 10).
14. a) Suppose function f is defined by  $f(x) = (x + 2)^2$ , find the domain and range of the inverse of the function f.
- b) A firm makes a curtains which are either ordinary or de luxe. Each ordinary curtain takes 3 hours to produce and 6 meters of materials and each de luxe curtains takes 6 hours to produce and use 7 meters of materials. The works of the firm can works for a total of 60 hours and there is 90 meters of materials available. If the profit on ordinary and de luxecurtains is 4000/= and 6000/= respectively. Find how many of each should be made to maximize profit.



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**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**PHYSICS**

**CODE:031**

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**TIME 3:00 HOURS**

**MAY 2023**

**INSTRUCTIONS**

1. This paper consists of sections A, B and C.
2. Answer ALL questions in section A and B and only two questions from section C.
3. All writings should be in blue/black ink and drawing should be in pencil
4. Whenever necessary, use the following constants
  - Acceleration due to gravity,  $g = 10\text{m/s}^2$
  - Density of water,  $\rho_w = 1\text{g/cm}^3$
  - Coefficient of linear expansion of steel  $\alpha = 1.05 \times 10^{-3}\text{K}^{-1}$



## SECTION A

1. For each of the following items (i) – (X), Choose the correct answer among the given alternative and write its letter besides the item number in the answer booklet provided.

i. Which pairs of instruments is used for measuring length?

- A. A meter rule and a measuring cylinder
- B. A micrometer screw gauge and beam balance
- C. A vernier caliper and a micrometer screw gauge.
- D. A pipette and vernier caliper
- E. A beam balance and spring balance.

ii. A block of wood has a density of  $0.6\text{g/cm}^3$  and volume of  $25\text{cm}^3$ . The mass of block in grams is ;

- A. 1.5
- B. 15
- C. 41.6
- D. 150
- E. 1500

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iii. A blue dress with red sports when viewed in red light will appear

- A. Completely red
- B. Black with red sports
- C. Magenta with red sports
- D. Blue with red sports
- E. Complete with magenta.

iv. A stone is dropped from the top of a building hit the ground 4 seconds later. What was its velocity when hitting the ground?

- A.  $400\text{m/s}$
- B.  $45\text{m/s}$
- C.  $40\text{m/s}$
- D.  $4.5\text{m/s}$
- E.  $0.4\text{m/s}$



- v. If a body vibrates with a frequency of 20 vibrations per second to 20,000 vibrations per second, then its vibration are perceived by the human ear. These vibration are called
- A. Ultra sonic vibrations
  - B. Infrasonic vibrations
  - C. Audible range.
  - D. High frequency radio waves
  - E. Ultraviolet.
- vi. The law which relates temperature and volume of a gas at constant pressure is called;
- A. Boyle's law
  - B. Pressure law
  - C. Gas law
  - D. Charle's law
  - E. The law of Buoyancy
- vii. A rectangular box of mass 10kg rest on an inclined plane. If the coefficients of static and dynamic friction are 0.55 and 0.25 respectively, At what angle will the box begin to slide?
- A.  $14.5^\circ$
  - B.  $24.8^\circ$
  - C.  $28.8^\circ$
  - D.  $38.8^\circ$
  - E.  $48.8^\circ$
- viii. What is the name given to minor shocks received after a major earth quake
- A. Tsunami
  - B. Aftershock
  - C. Epicentre
  - D. Focus
  - E. Seismograph.
- ix. The principle of fluid pressure which is used in hydraulic breaks is the,
- A. Pressure is the same at all level in a fluid
  - B. Increases of pressure are transmitted equal to all parts of the fluid
  - C. The pressure at a point in a fluid is due to the weight of the fluid above it.
  - D. Increases of pressure can only be transmitted through fluid.
  - E. The pressure at a given depth is proportional to the depth in the fluid.

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- x. A form one student was fetching water from the pond, he was surprised to see an insect walking on the water surface without sinking. This phenomenon was due to:
- Capillarity.
  - Surface tension.
  - Osmosis.
  - Diffusion.
  - Density.

2. Match the item in **LIST A** with their corresponding response in **LIST B** by writing the letter of the correct response beside the item number.

LIST A	LIST B
i. Thermistor.	A. Most used in rectification
ii. Light Emitting Diode(LED).	B. Used to amplify or switch electronic signals and electric power.
iii. Zener diode.	C. Used in simple indicator lamps and huge display screen to optical fibre communication links
iv. Semiconductor diode.	D. Used as voltage regulator device
v. Metal semiconductor diode.	E. Used to control maximum temperature of hot liquid.
vi. Transistor.	F. Used to store charge
	G. Used for very fast switching and microwave applications

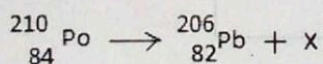
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### SECTION B

3. (a) Briefly explain why are the doors and shelves of oven made loosely fitting?  
 (b) A steel bridge over a motor way is 20m long at 0°C. How much longer is it at 20°C?
4. (a) Briefly explain four factors which determine the resistance of a conductor.  
 (b) A cell of 6.0V e.m.f and negligible internal resistance is connected to a resistor and drives a current of 3.0A through it. Another cell of e.m.f 1.5V is inserted in the circuit in series with the first one. The current remains 3.0A what is the internal resistance.



5. (a) Practically efficiency of a machine is less than 100% comment on this statement.  
 (b) A block and tackle system of 5 pulley is used to raise a load 500N steadily though a height of 20m. The work done against friction is 2000J. Calculate
- The work done by the effort
  - The efficiency of the system.
  - The effort applied.
6. (a) Explain why a bat can fly in the dark without hitting objects?  
 (b) A soldier standing Infront of a vertical cliff fires a gun. He hears the echo after 3sec. On moving closer to the cliff by 82.5m, he fires again and hears the echo after 2.5sec. find
- The distance of the cliff from the initial position of the man.
  - The speed of sound.
7. (a) Describe four applications of radio- isotopes  
 (b) (i) A sample has an activity of 800 count-rates/min and half life of 50days how long will the activity become 50 count- rates/ minutes?  
 (ii) Complete and balance the equation.



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8. (a) Explain three sources of energy loss of a transformer  
 (b) A transformer with primary and secondary winding of 200 turns and 100 turns respectively is connected to 250 V mains. Calculate the secondary voltage if the transformer is 75% efficient.

### SECTION C

**Answer only two questions from this section.**

9. (a) (i) Describe four effects of volcanoes on the earth.  
 (ii) Briefly explain four precaution that should be undertaken against earth quake hazards.



(b) (i) Explain three factors that affect frequency of a vibrating string.

(ii) A string of length 1m and mass  $5 \times 10^{-4}$  Kg fixed at both ends is under tension of 20N. It is plucked at a point situated 25cm from one end. What would be the frequency of vibration of the string.

10. (a) Describe the mechanism of doping an intrinsic semiconductor to obtain p-type Semiconductor.

(b) Why most of the transistor in use are n-p-n transistor?

(c) Form one student were shouting in their classroom. Briefly explain how other students in the next room can hear them shouting.

11. (a) With the aid of diagram explain the function of fuse in an electrical appliance.

(b) A circuit in a house is protected by a 10a fuse. The circuit is connected to the 240V mains. The following appliance are connected to the circuit.

APPLIANCE	POWER RATING
Bulb 1	100W
Bulb 2	75W
TV	300W
Heater	1500W

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Determine whether the fuse will blow on or off if the appliance are turned on.

(c) An aluminum block of mass 2.1kg rest on steel platform. A horizontal force of 15N is applied to the block.

i. Given that coefficient of limiting friction 0.6, will the block move?

ii. If will moves, what will be its acceleration if kinetic friction is 0.47



**PRESIDENT'S OFFICE**  
**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**  
**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**CHEMISTRY 1**

**CODE:032/1**

**TIME:3:00HOURS**

**MAY 2023**

**INSTRUCTIONS**

1. This paper consist of sections A, B, and C with a total of **eleven(11)** questions.
2. Answer **ALL** questions in section A and B and any **TWO (2)** questions from section C.
3. Section A carries **sixteen (16)** marks, section B carries **fifty four (54)** marks and section C carries **thirty (30)** marks.
4. Non programmable calculators may be used.
5. Cellular phones and any unauthorised materials are not allowed in the examination room.
6. Write your **examination number** on every page of your answer sheet(s).
7. The following constants may be used.

Atomic masses: H=1, C=12, N=14, O=16, Na=23, S=32.

GMV at s.t.p =  $22.4 \text{ dm}^3$ .

1 Faraday = 96,500 coulombs

1 litre =  $1 \text{ dm}^3 = 1000 \text{ cm}^3$ .

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### SECTION A (16 Marks)

Answer ALL questions in this section

1. For each of the items (i) – (x) choose the correct answer from the given alternatives and write its letter beside the item number in the answer sheet(s) provided

- (i) When water is added to an acid, the acid becomes
- A. More acidic and its pH goes down
  - B. More acidic and its pH goes up
  - C. Less acidic and its pH goes down
  - D. Less acidic and its pH goes up
  - E. Neutral and its pH become 7
- (ii) 1.4g of potassium hydroxide is dissolved in water to form  $250\text{cm}^3$  of Solution. What is the Molarity of this solution?
- A. 0.001M
  - B. 0.1M
  - C. 1.4M
  - D. 5.6M
  - E. 6.0M
- (iii) An electric current was passed through a concentrated solution of hydrochloric acid using carbon electrodes. The substance liberated at anode was.
- A. Copper
  - B. Hydrogen
  - C. Oxygen
  - D. Sodium
  - E. Chlorine
- (iv) If element Q of group (II) combines with element R of group (IV) what will be the formula of the resulting compound.
- A.  $\text{R}_2\text{Q}$
  - B.  $\text{QR}_6$
  - C.  $\text{R}_3\text{Q}$
  - D.  $\text{R}_3\text{Q}$
  - E.  $\text{Q}_2\text{R}$

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- (v) The process of giving away water of crystallization to the atmosphere by a chemical substance is called.
- A. Efflorescence
  - B. Deliquescence
  - C. Hygroscopic
  - D. Sublimation
  - E. E.Vaporization
- (vi) of the following elements does not react with chlorine?
- A. Aluminum
  - B. Oxygen
  - C. Sodium
  - D. Argon
  - E. Iron
- (vii) When methane undergoes substitutional reaction with excess chlorine „what is the final product?
- A. Chloromethane
  - B. Dichloromethane
  - C. Trichloromethane
  - D. Tetrachloromethane
  - E. Monochloromethane
- (viii) Scum tends to be formed in washing clothes with hard water due to the reaction between
- A. Hard water with soap
  - B. Calcium ions, magnesium ions and sodium stearate
  - C. The dissolved calcium and magnesium salts with detergents
  - D. Hydrogen carbonate ions and soap
  - E. Hydrogen carbonate ions and clothes
- (ix) The IUPAC name of  $\text{H}_2\text{SO}_4$  is:
- A. Sulphuric (IV) acid
  - B. Sulphuric acid
  - C. Sulphuric (V) acid
  - D. Sulphorous acid
  - E. Sulphuric (VI) acid

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(x) Which of the following are the components needed to start fire?

- A. Match box, fire wood and kerosene
- B. Match box, fire wood and oxygen
- C. Oxygen, fuel and heat
- D. Oxygen, fuel and fire wood
- E. Heat, match box and oxygen

2. Match the items in **List A** with their responses in **List B** by writing the letter of the correct response beside the item number in the provided answer sheet(s)

LIST A	LIST B
(i) Collecting and recording what observed	A. Dependent variable
(ii) Factor in the experiment that changes when other variables change.	B. Hypothesis formulation
(iii) Possible explanation to the asked questions.	C. Independent variable
(iv) Factor that is manipulated so as to obtain different values.	D. Problem identification
(v) Looking for the trends or pattern of data.	E. Data collection and analysis
(vi) Observing and asking questions	F. Reporting results
	G. Data interpretation
	H. Experimentation
	I. Controlled variable
	J. Drawing conclusion

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#### SECTION B (54 Marks)

Answer **ALL** questions in this section.

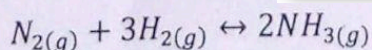
3. (a) The headmaster of Mwembeni secondary school is planning to build a Chemistry laboratory. You as a young chemist advise him on how the Laboratory features like window and doors are supposed to be. Give Reasons for your advice.
- (b) Mussa placed a large crystals of potassium permanganate in the Bottom of beaker of cold water and left it for several hours.
- (i) What he must observed after five minutes? Explain.
  - (ii) What he must have observed after several hours? Explain.
  - (iii) Name two processes which have taken place during experiment.



4. (a) People who use hard water can expect higher costs than people who use soft water. Briefly explain by giving three reasons.
- (b) 25cm<sup>3</sup> of water sample A, B, C and D were tested with soap solution. The volume of soap solution required to produce lather that lasted for minutes was recorded. Fresh sample of each were boiled and tested again with soap solution. The results are shown in the table below:

Sample	Observation with soap solution	Observation for boiled sample + soap solution
A	5.0	5.0
B	1.0	1.0
C	11.0	8.0
D	9.0	1.0

- (i) Which sample probably contains temporary hardness of water only?
- (ii) Which sample probably contains both permanent and temporary hardness of water? Give a reason for your answer.
5. (a) Sodium chloride (NaCl) and hydrogen Chloride (HCl) are both chloride Compounds. Differentiate the two compounds by giving three reasons.
- (b)(i) Differentiate empirical formula from molecular formula.
- (ii) A certain compound formed by Sulphur and Oxygen contains 40.1% sulphur by mass. Work out the empirical formula of this compound.
6. (a)(i) Organic chemistry is very essential in both industrial and life processes. Give reasons by using three points.
- (ii) Why carbon has been given special attention in organic chemistry rather other elements. Give four reasons.
- (b) Given organic compound with molecular formula C<sub>3</sub>H<sub>7</sub>OH. Give its IUPAC Name, functional group and its general formula.
7. (a)(i) Differentiate endothermic from exothermic reaction.
- (ii) State Le-Chatelier's principle.
- (b) Consider the following reversible reaction:



Will the production of NH<sub>3</sub> be affected if Pressure changed?

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8. a) In practice, not all ions arrive at a particular electrode and are discharged.

Give three reasons which may decide the ion to be preferentially selected for discharge.

b). In the electrolytic refining of copper, anode was made of impure copper of 2g while cathode was made of pure copper of 1.5g. At the end of the experiment cathode was found to weigh 3g. Calculate the percentage purity and impurity of the impure copper.

### SECTION C (30 Marks)

Answer only TWO (2) questions in this section

9. a) Metals are extracted from the sea and in earth. Referring to Tanzania as among the countries in the world extracting metals, explain four stages of extraction of metals.

b). Does the extraction of gold follow all four stages? Give reasons.

10. Villagers want to apply fertilizer to their farms. As a chemist explain how this could be done.

11. Water in the lake near your village is not safe for human consumption and domestic activities. In five points explain what makes water unsafe?

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**KILIMANJARO REGION MOCK FORM FOUR EXAMINATION**

**LITERATURE IN ENGLISH**

**CODE: 024**

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**TIME: 3:00 HOURS**

**MAY 2023**

**INSTRUCTIONS**

1. This paper consists of section A, B and C with a total of eleven (11) questions
2. Answer all questions in section A and B and two (2) questions from section C
3. Section A carries (16 )marks, section B carries (54) marks and section C carries (30 )marks
4. Cellular phones and any unauthorized materials are not allowed in the examination room
5. Write your examination number on every page of your answer booklet



## SECTION A ( 16 Marks )

**Answer all question in this section**

1. For each of the following item's (i)-(X), choose the most correct answer from the given alternatives
  - i. Which of the following statements describes creativity as used in literature?
    - A. The representation of the reality from Imaginations
    - B. The representation of imagination from reality
    - C. The creation of unique creatures
    - D. The creation done by Man
    - E. The creation of real human beings
  - ii. One of the Muslim's scholars wrote the story of the prophet Muhamad S.A.W how do you call such history?
    - A. Autobiography?
    - B. Memoir
    - C. Bibliography?
    - D. Reference
    - E. Biography
  - iii. Which of the following element of literature did not belong to a content
    - A. Theme
    - B. Philosophy
    - C. Plot
    - D. Conflict
    - E. Message
  - iv. The term that express a situation where by an event of literature work took place is
    - A. Style
    - B. Them
    - C. Setting
    - D. Form
    - E. Imagery
  - v. An elephant is the smallest animal in the park. This expression is the best example of which sense devices
    - A. Simile
    - B. Irony
    - C. Personification
    - D. Imagery
    - E. Symbolism

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- vi. Matilda was singing a poem on the graduation ceremony, after each stanza, she repeated the same line. What is the name of the repeated line?
- A. Rhyme
  - B. Rhythm
  - C. Refrain
  - D. Onomatopoeia
  - E. Poetic language
- vii. "Qouth", "thee" and "thence" are some of the words which are no longer in every day's life. Which figure of speech is suitable for these words?
- A. Symbols
  - B. Simile
  - C. Anaphora
  - D. Archaism
  - E. Barbarism
- viii. Suppose you have been asked to write a story with the main character that bears heroic elements. How Is this character Identified?
- A. Dynamic
  - B. Protagonist
  - C. Round?
  - D. Antagonist
  - E. Static
- ix. "Women are unlucky. They are denied many things, look we are not allowed to climb trees, the gizzard of a bird is also forbidden" Said Ihuoma. Ihuoma's words suggests
- A. Woman's pride
  - B. Woman's emancipation
  - C. African taboos
  - D. Woman's dignity
  - E. African superstition
- x. A work of art which is transmitted in spoken or written form using language creatively to express human realities is called
- A. Drama
  - B. Literature
  - C. Theories of literature
  - D. Poetry
  - E. Novel

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2. Match the description in LIST A with the corresponding item in LIST B by writing the letter of the correct response beside the item number

LIST A	LIST B
i. This is a piece of thick, heavy cloth that hangs in front of the stage in the theatre.	A. Episode B. Costume
ii. This refer to one part of a story that is broadcast on television or radio in several parts.	C. Theatre D. Ellipsis
iii. An object used by actors, during the performance of a play or in a film/ movie	E. Chapter F. Curtain
iv. The clothes worn by actors in a play or film/ movie or worn by somebody to make them look like somebody or something else	G. Stadium H. Scene I. Stage direction
v. This is a special building or an outdoor area where plays/movies films and other entertainments are performed	J. Acts K. Prop
vi. The omission of words or letter to avoid repetition in the sentence	

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### SECTION B (54 marks )

Attempt all questions in this section

3. In each of the following expressions (a) – ( f) state the function a singer performs through
- Singing for a crying baby
  - Singing with grief
  - Singing to capture joy of the audience
  - Singing during prayers
  - Singing against dishonest leaders
  - Singing for fighter during war



4. Read the following poem careful and then answer the questions that follow

**EAT MORE By Joe Corie**

Eat more fruits the slogan says  
More fish more beef more bread  
But I'm an unemployment pay  
My third year now and wed

And I wonder when I'll see  
The slogan when I pass  
The only one that would suit me  
Eat more bloody grass

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**QUESTIONS**

- a) Briefly explain what is the poem about
  - b) Is the rhyme pattern of this poem regular or irregular?
  - c) With examples from the poem pinpoint the possible themes
  - d) What did you learn from the poem?
  - e) Is the poem Relevant to your society?
5. Which literary term is being described by each of the following characteristics?
- a) After a tremendous achievement in his leadership as a president Dr. Jakaya Mrisho Kikwete decided to write of his own life.....
  - b) Bauyon is the shortest student in the class but our head master calls her the tallest. This is called.....
  - c) Yesterday night, my grand father told me a short story about rabbit and hyena. He told me the story teaches that I should not be greedy.....
  - d) You and your friends were watching a performance. You ended laughing and became happy.....
  - e) Mr Ganesh composed a four stanzas poem with four verses each where by the last vers in every stanza is similar. How do we call technically the repeated line at the end of every stanza in Mr Ganesh's poem?.....
  - f) In the movie I watched yesterday one character called Zawadi was walking very fast, what kind of imagery was director trying to create?.....



6. Briefly write the correct answer for each of the following items (a) – (f)
- a). How can a writer use apostrophe as a figure of speech?
  - b). Why is characterization important in drama?
  - c). When is a poem said to be closed?
  - d). Why is exposition an important stage in plot?
  - e). If you are a poet, how will you use a metaphor in your poem?
  - f). What is a symbol?
7. With examples discuss how literature is useful to any society. Write five points
8. Writers especially poets use words that appeal and evoke our sensory organs and emotions. Identify the emotions evoked by the following descriptions
- a). Meka stealthily strolled around Titi's house.
  - b). Wolu always used good ingredients whose aroma invited Jealously from her neighbors
  - c). Engamba looked smart in his zazou coat
  - d). Michael Adonis hid in a washroom whose stench could kill a pregnant mother
  - e). Nnadi gripped Madume before the elders separated them
  - f). Toundi and Sophie stopped their conversation in order to get the commandant's groaning voice

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### SECTION C ( 30 marks )

Attempt two (2) questions from this section.

#### LIST OF READINGS

##### PLAYS

- The lion and the Jewel - W. Soyinka  
The Trials of brother Jero - W. Soyinka  
Dilemma of a Ghost - A. Aidoo  
The Government inspector - N. Gogol

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##### NOVELS

- The Walk in the night and other stories - A. Guma  
The Old man and the Medal - F. Oyono  
Houseboy - F. Oyono  
The Concubine - E. Amadi

##### POETRY

- Selected Poems - TIE  
Growing up with Poetry - D. Rubadir

9. " Science and technology have been a blessing to many sectors including education but a disgrace to Oral literature", In six (6) ways, support this contention
10. Every society has different social group and each social group occupy its position which is in turn associated with specific social roles. Using two plays show the roles of women as played their position 3 points from each play
11. A novelist is a historian who documents the history of the particular society. Using two novels you have read support this view by showing the content of the books are the product of the real history. Give three points from each Novel.



Bismillahir Rahmaanir Rahiim

**OFISI YA RAIS TAWALA ZA MIKOA NA SEREKALI ZA MITAA.  
MKOA WA KILIMANJARO.**

**MTIHANI WA UTAMIRIFU WA KIDATO CHA NNE MKOA.**

**ELIMU YA DINI YA KIISLAMU**

**MSIMBO:015**

**MUDA:SAA 3**

**MEI 2023**

**MAAGIZO:**

1. Karatasi hii ina sehemu A,B na C.
2. Jibu maswali yote katika sehemu A na B na maswali mawili kutoka Sehemu C
3. Majibu yaandikwe kwenye nafasi ulizopewa.
4. Andika kwa kutumia kalamu yenye wino wabluu au mweusi.
5. Vifaa vyote vya mawasiliano na vitu vyote visivyoruhusiwa havitakiwi katika chumba cha mtihani.
6. Andika namba yako ya mtihani kwa kila ukurasa wa karatasi yako ya majibu.

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**SEHEMU A (Alama 15)**

**Jibumaswali yote katikasehemuhii.**

1. Katika kipengele (i) – (x), chagua jibu sahihi kisha andika herufi yake katika kisanduk

(i) Ni upi mgawanyo sahihi wa elimu kwa mtazamo wakiislamu?

- A. Elimu ya mazingira na elimu ya muongozo
- B. Ujuzi unaoambatana na utendaji Zaidi
- C. Elimu ya muongozo na elimu ya Fiqh.
- D. Elimu ya Akhera na elimu ya dunia
- E. Elimu ya Fiqh na elimu ya tauhid

(ii) Mzee Kajibu hataki kuoa wala kula na kunywa vilivyovizuri kwa madai kuwa anataka kuwa karibu na Mola wake . Je mzuzu ni mtu wa dinigani?

- A. Muislamu.
- B. Kafiri
- C. Mkatoliki
- D. Mtawa
- E. Shia na Uyahudi

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(iii) Kundi lipilinaonyeshamiongonimwavigawesahihivyashiriki?

- A. Kuabudiajua , kusoma Ruqyah na kuweka mazindiko.
- B. Uganga ,Kusoma Ruqyahnakuwekamazindiko.
- C. KusomaRuqyah , Baraka za mashekhnaMatunguli.
- D. Kuabudiajua , kuwekamazindikonaUshirikina
- E. Kuabudiajua , Baraka za Mashekhna kuwekamazindiko.

(iv) Makosa katika sheria ya uislamu ya megawanyika sehemu tatu ambazoni

- A. Qisas, HududnaTaazir
- B. Qisas hudud naUas
- C. Qisas hudud na Laana
- D. Qisas hudud naDhambi
- E. Uas, laana, na Dhambi



- (ix) Wataalamu wa hadithi wanasema kuna utofauti wa neno *Matin* na *isnad*, wanasema *matin* ni maneno yale aliyoyasema mtume (s.a.w) na *Isnad* ni
- Msururu wa wapokezi (wasimulizi) wa hadithi
  - Hadithi iliyopokelewa na maimamu wawili mashuhuri
  - Ni mapokeo ya hadithi sahihi na hassan
  - Ni hadithi iliyopokelewa na mtu mmoja
  - Ni hadith ambayo haishimatumizi yake toka enzi ya Mtume(s.a.w) mpaka sasa
- (x) Zifuatazo ni sababu zinazopelekea waislamu kutofikia lengo la utoajiwa zakati sipokuwa?
- Kutofahamika kwa lengo la zakat
  - Wengi wa waislamu hawatoi zakat
  - Kwa kuwa sadaka na zakat nifadhila za viongozi
  - Kutotekeleza masharti ya utoaji
  - Zakat haikusanywi na kugawanywa kijamii

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i	ii	iii	iv	v	vi	vii	viii	ix	x

2. Oanisha kifungu katika orodha A na maneno katika orodha B kisha jaza herufi yake katika jedwali ulilopewa.

Orodha A	Orodha B
(i) Wito unaoashiria kusimama kwa ibada ya swala	A. Qabliya
(ii) Sunnah inayoswaliwa baada ya kuchomoza jua na kabla ya mchana	B. Tashahud
(iii) Nguzo ya matamshikatikaswala	C. Takbirat Ihram
(iv) Kifunguzi cha ibada yaswala	D. Mutlaq.
(v) Maji yaasili yanayofaa kujitwahaisha	E. Dhuha.
(vi) Rakaa mbili kabla ya kuswali swala ya faradhi	F. Iqama
	G. Adhana
	H. Baadiya

i	ii	iii	iv	v	vi



- (v) Yanayopaswa kufanyiwa maiti muislamu aliyekufa shahidi ni mambo
- 3
  - 4
  - 1
  - 2
  - 5
- (vi) Zifuatazo ni Miongoni mwa faida ya kujifunza historia katika jamii ya kiislamu isipokuwa
- Kutokujua asili na hadhi yetu juu ya viumbe wengine hapa duniani
  - Kutokujua kusoma na kuandika kwa Mitume waliotangulia
  - Kutokutambua namna ALLAH (s.w) alivyotunemesha ilituweze kumuabudu
  - Kutokujua madhara yanayopatikana kwa kutofuata maelezo ya ALLAH (s.w)
  - Kutofahamu namna Mitume na watu wema walivyosimama imara kutetea dini
- (vii) Mjiwa Makka ni mji mkongwe kihistoria ulioanzishwa na Nabii
- Mussa .
  - Muhammad
  - Ibrahimu.
  - Nuhu.
  - Issa
- (viii) Bibi Aisha (r.a) alipoulizwa tabia ya Mtume (s.a.w) alisemani Qur'an . Kauli hii ilikuwa na maana gani ?
- Hakuna tofauti baina ya Sunnah za mtume (s.a.w) na Qur'an .
  - Hakuna haja ya kusoma Qur'an bali tusome Hadithi za Mtume (s.a.w) tukwani Mtume (s.a.w) ndiye aliyetafsiri Qur'an kwa vitendo
  - Huwezi kuifuata Qur'an vilivyo bila ya Sunnah za Mtume (s.a.w) .
  - Katika kila kipengele cha maisha ya Mtume (s.a.w) aliishi kama isivyo agiza qur'an
  - Katika kila kipengele cha maisha ya Mtume (s.a.w) aliishi kama ilivyoagiza Qur'an

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### SEHEMU B (Alama 54)

Jibu maswali yote katika sehemu hii.

3. (a) Nini maana ya ndoa kisheria  
(b) "Na oeni katika wana wake mnaowapenda ..... " (4:3). Kutokana na ujumbe wa aya hii ,bainisha umuhimu wa ndoa kwa wanadamu (nukta 5)
4. (a) Elezea haki wanazostahiki kupewa wanadamu wasiokuwa waislamu wanaoishi katika jamii ambayo maisha yao yanafuata Qur'an na Sunnah (nukta tatu)  
(b) Tofautisha njia za uchumi wa kiislamu na zile za kitwaghuti (nukta tatu)
5. Kwazama zetu hivi leo mataifa makubwa na yenye nguvu (silaha na fedha )yanapambana juu ya usawa na haki za binadamu na viumbe wengine kama vile wanyama na kufikia kutetea haki ya ndoa ya jinsia moja (ushoga na usagaji ) ikiwa ni kama haki zao .kwa mujibu wa uislamu bainisha vigawanyo mbalimbali vya haki katika uislamu (nukta 6)
6. Kwa kuzingatia historia fafaua njia sita (6) zilizotumika kuupiga vita Uislamu na waislamu Afrika Mashariki hasa Tanganyika enzi za serikali ya kikoloni
7. Ni mambo gani tunayojifunza kwa kuanzishwa kwa dola ya kiislamu madinna( nuktasita)
8. "...leo nime kukamilishieni dini , na nimekutumizieni neema yangu juu yenu na nimekuridhieni Uislamu kuwa ndiyo yenu ..... " (5:3) .Kutokana na ayah ii , bainisha sababu nne zinazopelekea kutokuwa na haja ya kuletwa Mtume yoyete wa Allah (s.w) baada ya mtume Muhamamad (s.a.w)

### SEHEMU C (Alama 30)

Jibu maswali mawili kutoka sehemu hii

9. "Uteremsho wa kitabu hiki umetoka kwa Mwenyezi Mungu , Mwenye nguvu na mwenye Hikima".(45:2) kwa kutumia ushahidiwa Qur'an yenyewe,onesha kuwa ni maneno kutoka kwa Allah(s.w).
10. (a)Maimam sita walioandika "Sahihu Sitta", vitabu vyao vinamadaraja tofauti ya usahihi wa hadithi. Changanua madaraja hayo kutokana na usahihi wa Hadithi.  
(b) Ni yapi masharti yaliyotumika katika kuhakiki usahihi wa hadithi?
11. Onesha faida sita zinazopatikana kutokana na funga ya Mwenziwa Ramadhani

Wabillah Tawfiq