

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION
FORM FOUR PRE - MOCK EXAMINATION-2023
ENGLISH LANGUAGE
022

DURATION: 3 HOURS
March, 2023

Instructions

1. This paper consists of sections A, B and C with a total of eleven (11) questions
2. Answer all questions in sections A and B and two questions (2) in section C.
3. Section A carries sixteen (16) marks, section B 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).

SECTION A (16 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 provided.

i. A teacher told his students that 'it is better to submit your work on time, what is the meaning of the underlined phrase?

- A. Within arranged time
- B. At exact time
- C. Before the required time
- D. One minute before time
- E. When time is up

ii. Hamisi invited his friends to join him a concert but no one attended because it was raining.

- A. On
- B. For
- C. In
- D. At
- E. To

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iii. We all know that, she is such a brave girl and no one dares teasing her even her best friend.

- A. That everyone respects her
- B. So everyone respects her
- C. To be respected
- D. And she is respected
- E. Than her friend

iv. One of the form one students was narrating a story of a cruel boy, he said 'he is so rude' then his friend said 'isn't he? why do you think tag was used?

- A. To reject the information
- B. To conclude his cruelty
- C. To join phrases
- D. To support story
- E. To confirm for the information

v. Would you mind this luggage to the headquarters where a head of school is living?

- A. To carry
- B. Carrying
- C. Carried
- D. To carrying
- E. On carrying

vi. Class monitor asked his fellow students to construct a sentence and they said 'we shall have been speaking English' a sentence fall under which category of tense?

- A. Future continuous tense
- B. Future perfect tense
- C. Future perfect progressive tense
- D. Future progressive tense
- E. Future ongoing activity

vii. All form four students from Korogwe district attended an occasion and all students from other schools were given prize but neither of us from our school given anything.

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- A. Was
- B. Were
- C. Is
- D. Are
- E. Have

viii. her shortness, she was a good netball player and everybody loved her way of playing compared to other players

- A. Despite of
- B. In spite for
- C. Despite with
- D. Despite
- E. Despite for

ix. They went somewhere far away but their manager went than them.

- A. More far
- B. Farthest
- C. Farther
- D. Most far
- E. Farthier

x. It is not good to aside with truants, obviously they will lead you to lose direction and you will fail your examinations. The underline word is

- A. Noun
- B. Pronoun
- C. Adjective
- D. Preposition
- E. Adverb

2. Match the description of statements in LIST A with the correct tag from LIST B and write its letter beside the corresponding item number in the answer booklet provided

LIST A

- i. Nothing has been given by him
- ii. Everyone insulted my brother
- iii. No one attended the meeting

LIST B

- A. Will you?
- B. Has it?
- C. Don't they?
- D. Shall we?
- E. Won't they?

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- iv. Let's have a dinner as arranged
- v. Stop laughing at her
- vi. The great man could punish them
- F. Hasn't it?
- G. Did they?
- H. Didn't they?
- I. Shall we?
- J. Don't you?
- K. Couldn't he?

SECTION B (54 MARKS) Answer all questions from this section

3. a) "Tenses can have variety of uses". Construct one sentence in each of the following expressions to substantiate the statements:

- i) To express habitual action
- ii) To show an event which was in progress.
- iii) The use of 'shall+ have +gerund + noun
- iv) To express an action which happened before now
- b) Change the following words into verbs:

- i) Product ii) Pure iii) Apology

4. Form one word from each of the following as per affixation is concerned

- a) Add prefix in a word 'moral' and a word should carry the meaning of 'lack of
- b) Add a prefix in a word 'national' and a word should carry the meaning of being between
- c) Add a suffix '-er' in any word of your choice to form a word which shows occupation
- d) Make affixation of the word 'bishop' and the word should mean high position
- e) Form any word that involves 'noun +noun'
- f) Add prefix in a word 'danger' to mean put something in trouble
- g) Add prefix and suffix in a word 'power' to mean enabling

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h) Add a suffix in a word 'open' to mean transparency

i) Add prefix and suffix in a word 'visible' to mean a state of being not easy to view

5. a) Have as a primary auxiliary verb has got various uses. Construct one sentence in each of the following to show its uses:

i) To express command

ii) To form passive voice

iii) To express possession

iv) To form negative statement

b) Make one sentence for each of the following statement by using the 'verb to BE' at the beginning of the sentence in imperative form to show:

i) Singular simple present tense

ii) Singular simple past tense

iii) Plural past continuous tense

6. Complete the following sentences by writing a group noun that represent the following expressions.

a) Nicolas entered the office and saw a of teachers.

b) Each student was required to bring a tool, thus all of them brought tool and make a store to have a of tools.

c) When they were going to school they saw a of dogs crossing a road.

d) On a branch of trees there were a of locust but majrity did not see.

e) He bought several eggs and finally he got a of eggs.

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f) Gladness was worried when she saw a of whales on Tv.

g) Glorious met with a of thieves on the way to school.

h) Goodgodson joined a of PSG players last year as a striker.

i) Manna Edna is singing for St. Gemma at Nkuhungu Catholic Church.

7. Rewrite the following sentences according to instruction given after each

i) He is such a poor man but everybody appreciate his talks (begin: despite)

ii) He had hardly left the class when an English teacher arrived (begin: hardly)

iii) No sooner had the guest of honour seated himself than the music began. (use: Join using ... as soon as ...)

iv) What are you thinking about? Suzy said to her brother. (rewrite into reported speech)

v) Today I am working here at GSM foam industry. I was here from 2010. (join using: since)

vi) She was a wife of Mr. Kazumba from 1990 to 2020 (Re-write using: for)

8. Assume that you are a customer. Complete the following dialogue correctly:

Shopkeeper: Ooh, welcome Mr. Jetta my friend.

Mr. Jetta:

i)

Shopkeeper: Ahaa, we are having plenty and quality smart phones here, ii)

Mr. Jetta: iPhone 13 plus please, with gold colour.

iii)

Shopkeeper: Not too much expensive, just 3.8 million Tshs.

Mr. Jetta: iv)

Shopkeeper: Not too much expensive, just 3.8 million Tshs. one for me and another for my lovely wife, you know we are like twins hanaaaaa.

Shopkeeper: it will cost 7.6 millions Tshs.

Mr. Jetta: Please can't I have v)

.....? because 7.6 millions is too much expensive.

Shopkeeper: It's okay, pay 7.4 million, as we are friends.

Mr. Jetta: What about the v)? of these smart phones?

Shopkeeper: It is obviously known Worldwide, for iPhones it is 15 months.

Mr. Jetta: Thank you, please pack them for me, and here is your money.

Shopkeeper: Here is, you are warmly welcome again Mr. Jetta.

Mr. Jetta: Thank you and goodbye Mr. Matelefoni.

SECTION C (30 marks)

Answer three (2) questions from this section. (Question number 9 is compulsory)

LIST OF READINGS NOVELS AND SHORT STORIES

- A Wreath for Father Mayer -S.N. Ndunguru (1997), Mkuki na Nyota
- Unanswered Cries - Osman Corteh, Macmillan
- Passed Like a Shadow - B.M Mapalala (2006), DUJ
- Spared -S.N. Ndunguru (2004), Mkuki na Nyota
- 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 (1972), Heinemann

POETRY

- Songs of Lawino and Ocol -O. P. Bitek (1979), EAPH
- Growing up with Poetry -D. Rubadiri (ed) (1989), Heinemann
- Summons - R. Mabala (1960), TPII

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9. Poetry like other genres uses different poetic devices to convey messages, with reference two poems you have read and appreciate under this section, show how poets employed the use of sense devices and messages carried through them. (Three points from each poem)

10. Authors have the tendency of choosing Titles of books that have a close relationship to the issues found within those books. Use two novels you have read to verify the contention (three points from each novel)

11. Suppose that you have completed form four and your village elders have privileged you to advise them on different traditions, customs and beliefs that contribute to misunderstanding in the society. In your experience from two plays read under this programme, what would be your suggestions? (Three points from each play)

FAM
FOUR

THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION
FORM FOUR PRE-MOCK EXAMINATION MARCH – 2023
CODE: 033/1
BIOLOGY 01
 (For both schools and private candidates)

Time: 3:00 Hrs **March, 2023**

INSTRUCTIONS: -

1. This paper consists of section A, B, and C with a total of 11 questions.
2. Answer all questions in section A and B and only two (2) questions in section C.
3. Cellular phone are not allowed in examination room.
4. Write your examination number on every page of your answer sheet.

SECTION A (16 Marks)

1. For each of the following item (i-x), choose the correct answer from among the given alternatives and write its letter beside the item number.
 - (i) Which of the following is the correct order of events in plants?
 - A. Fertilization, maturation, implantation
 - B. Pollination, fertilization maturation
 - C. Maturation, Pollination, Fertilization
 - D. Implantation, ovulation, fertilization.
 - (ii) In the human body kidney act as
 - A. Water reservoirs
 - B. Blood store
 - C. Blood pumps
 - D. Blood filter
 - (iii) When giving first Aid to a snake bite victim, you should not
 - A. Lower the bitten area
 - B. Calm them down
 - C. Cut the wound
 - D. Remove jewellery from the bitten part.
 - (iv) Food is prevented from entering the trachea by the
 - A. Epiglottis
 - B. Larynx
 - C. Pharynx

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- D. Tonsils
- (v) The following are respiratory surface except
 - A. Heart
 - B. Leaves
 - C. Gills
 - D. Lungs
- (vi) A neurone that carries an impulse from the central nervous system to effector
 - A. Relay neurons
 - B. Efferent neurons
 - C. Afferent neurone
 - D. Nerve neurone
- (vii) A part of the brain responsible for learning and personality is
 - A. Hypothalamus
 - B. Cerebellum
 - C. Cerebrum
 - D. Medulla oblongata
- (viii) The following are heterogametic chromosome
 - A. XX
 - B. TT
 - C. XY
 - D. XOX
- (ix) is an example of a disease not caused by bacteria.
 - A. Chlamydia
 - B. Gonorrhea
 - C. Cholera
 - D. Influenza
- (x) Lag phase in terms of growth means
 - A. Rapid growth
 - B. Constant growth
 - C. Grow
 - D. The growth is slow
 - E. Growth has stopped
2. Match the item in column A with that of column B by writing a correct letter of the corresponding item from column B against its roman number in column A.

LIST A	LIST B
(i) It is composed of skull, ribs, vertebral column and sternum	A. Ball and socket joint B. Tendon C. Ligament D. Skeletal muscle
(ii) Elastic fibre join bone to muscle	E. Hinge joint F. Thigmotropism G. Synovial fluid
(iii) A joint found in elbow and knee	H. Axial skeleton I. Phototropism
(iv) A fluid tissue which reduces friction.	
(v) Voluntary muscles	
(vi) A tropism in response to touch	

SECTION B: (54 Marks)

- Describe changes occur during seed germination.
 - How male and female differ in secondary sexual characteristics (3 differences)
 - Give three importance of breast feeding.
- Mwanamwaya is a student at Antakae Secondary school, she developed the symptoms of constipation or diarrhea, headache, body Weakness, stomach pain and loss of appetite.
 - Name the disease mwanamwaya suffer.
 - How a disease is caused?
 - You as a biologist which prevention will you advise mwanamwaya to take?
 - Classify each of the following into class level, maize seedling, moss plant and lizard.
- State adaptations of respiratory surface.
 - Give three (3) differences between photosynthesis and respiration.
 - Complete the table below.

ITEM	FUNCTION	DIAGRAM
(i) Sweep net		
(ii) motor and pestle		
(iii) Tongs		

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- Explain three (3) factors hinder fertilization in male.
 - Asha used the following methods to preserve her fish for business.
 - Drying on a sun
 - Refrigeration
 - Canning

Explain how each is applied.

 - Give reason why fish taken from like Manyara to Indian Ocean died?
- In an experiment a red rose plant were crossed with white peas plant. All F₁ were pink. If 1880 plants were produced. Use a genetic symbol to illustrate.

 - Genotype and phenotype of F₂.
 - State genotypic and phenotypic ratio of F₂.
 - Calculate number of white plants produced.
 - What type of inheritance is this? Give reason.
- Animal X and Y were placed in an environment for 3 hour continuously, And the temperature of their body were as follows.

ANIMAL	BEFORE	AFTER 3 HOURS
X	24°C	24°C
Y	32°C	37°C

 - Name the type of animal x and y from their temperature regulation.
 - Give one example in each.
 - How animal X adapted to hot condition?
 - Name all nitrogenous waste you know and one example of animal to each type of waste.

SECTION C (30 Marks)

- Answer only two (2) questions from this section.**
- Describe causes, symptoms and preventions of disorders of digestive system.
 - Explain methods and importance of family planning.
 - Analyze the economic importance of bacteria in your everyday life.

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION

FORM FOUR PRE-MOCK EXAMINATION

011

CIVICS

TIME: 3 HRS

March, 2023

Instructions

1. This paper consist of section A, B and C with total number of fourteen (14) questions
2. Answer all question in section A and B and two questions in section C
3. Section A carries 16 marks, section B carries 54 marks and section C carries 30 marks
4. Cellular phone and other unauthorized materials are not allowed in the examination room
5. Write your examination number on every page of your answer sheet(s)

SECTION A (16 MARKS)

ANSWER ALL QUESTIONS IN THIS SECTION

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

i. Mr. Mti is a Canadian citizen born in Tanzania, ever since he has born he has been living in Tanzania. Similarly, his friend Ms Jani was born in Tanzania and so are her parents. Which statement correctly distinguishes the two?

- A. Mr. Mti is a foreigner while Ms Jani is a citizen of Tanzania
- B. Mr. Mti and Ms Jani is both citizen of Tanzania
- C. Mr. Mti has dual citizenship while Ms Jani is Tanzanian citizen
- D. Mr. Mti is Tanzanian by birth while Ms Jani is a Tanzanian by decent
- E. Mr. Mti is Tanzanian by marriage while Ms Jani is a Tanzanian by birth

ii. Who I am and what is my role in the society?

- A. Self-awareness and consciousness
- B. self-control and awareness
- C. Self esteem and awareness
- D. Self-awareness and self worth
- E. None of the above

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iii. The speaker of the United Republic of Tanzania is elected from

- A. Members of parliament only
- B. Office of the parliament
- C. Any Tanzanian provided he/she qualifies to be a member of parliament
- D. Senior ministers
- E. Appointed by the President of the United Republic of Tanzania

(iv). The city council as a form of local government in Tanzania is said to be

- A. The lowest
- B. The highest
- C. The smallest
- D. The smartest
- E. The longest

(v). A family having one parent and child or children may be caused by

- A. Age and beauty
- B. Family wealth
- C. Death and divorce
- D. Poverty and education
- E. Age and divorce

(vi) Assume Tanzania has undergone inflation. Which financial institution is responsible for controlling it.

- A. The Bank of Tanzania
- B. SACCOS
- C. Bureau de change
- D. National Bank of Commerce
- E. National Microfinance Bank

(vii) Who is vested with powers and authority to grant citizenship in Tanzania?

- A. The minister for constitution and legal affairs
- B. The minister for home affair
- C. The Prime Minister
- D. The minister for international cooperation
- E. The President of United Republic of Tanzania

(viii) The Tanzanian constitution has undergone several major changes since the first one was written in 1961. Which versions of the constitution used when the late mwalimu J.K.Nyerere was the prime minister?

- A. The republican constitution of 1962
- B. The interim constitution of Tanzania of 1965
- C. The constitution of the united republic of Tanzania of 1977
- D. The independence constitution of 1961
- E. The constitutional amendment of United Republic of Tanzania of 1992

(ix) Stress is the mental emotion or physical tension. What are the causes of stress in people's life?

- Building relationship, examination pressure and death of friend
- Family members, people and broken relationship
- Broken relationship, examination pressure and death of an important person
- Unwanted pregnancies, examination pressure and dealing with friend
- Dealing with friends, broken relationship and family members

X. The Member of Parliament of mkuyu constituency resigned one year after the general election. What can be done to get another representative?

- The president nominates another person
- Call for by-election
- The National Electoral Commission nominates another person
- Call for general election
- The Speaker of Parliament appoint another member of Parliament

2. Match the items in list A with corresponding answers in list B

List A	List B
i. Career	a. A task or activities that involves using mental and physical energy
ii. Work	b. Study tour to institution, organization or factories to get information about career/work
iii. Information	c. Trainers, Lectures, tutors, special needs professionals
iv. careers	d. A job an individual does for a long period of time
v. Occupational visit	e. Reading newspaper, magazine and books
vi. Hospitality and tourism	f. Engineers, constructors, architects and planners
Architecture and construction	g. Working as waiter, restaurants, managers, tour guides, travel guides.

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SECTION B (54 MARKS)

Answer all questions in this section

- It is true that any society without culture is like a bird without wings, but some of cultural values in our society discriminate gender. With six (6) points explain briefly how would you justify the statement?
- As we live and interact with parents, peers, teachers and other people in our society, we become aware of their proper or improper behaviour. Briefly explain six (6) indicators of acceptable behaviour in our society.
- Courtship can be an important period to prepare for a successful marriage. With six (6) points substantiate the statement.
- The development of an individuals and a nation can be achieved if everybody works hard and smart to produce goods and provide services. As an educated student, how would you prove the statement? (6 points)
- Your fellow student has low opinions on the celebration of National festivals in Tanzania. In five (5) points, explain how you would change your fellow students' negative opinion on such celebrations.
- In order to have multiparty democracy, more than one political party must participate in election and play a role in government. Outline six (6) features of multiparty democracy.

SECTION C: (30 MARKS)

ANSWER TWO (2) QUESTIONS FROM THIS SECTION

- Poverty is multidimensional in nature and therefore there is no single factor which can be cited a cause of poverty. Justify the statement with five (5) points.
- In order to improve informal sector, various initiatives need to be undertaken by various development stake holders. As an expert in civics propose to the urban authorities' five (5) initiatives to be taken to address challenges facing the informal sector.
- Reflect on your school life, how you can get a friend, explain the conditions used to choose a good friend at school.

THE PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
FORM FOUR PRE-MOCK EXAMINATION

DODOMA REGION

041

BASIC MATHEMATICS

Time: 3 Hours

March, 2023

INSTRUCTIONS

1. This paper consists of sections A and B with a total of fourteen (14) questions.
2. Answer all questions in **BOTH** sections A and B
3. Each question in section A carries six (06) marks while each question in section B carries ten (10) marks.
4. All necessary working and answers for each question must be shown clearly.
5. Mathematical tables and non-programmable calculators may be used.
6. All communication devices and any unauthorized materials are **not** allowed in the examination room.
7. Write your **Examination Number** on every page of your answer sheet(s).

SECTION A (60 Marks)

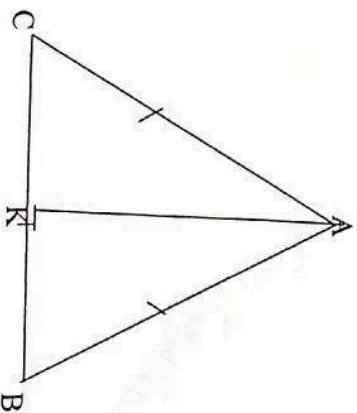
Answer **all** questions in this section

1. (a) Round off 0.00450045
 - i. To five significant figures
 - ii. To five decimal places
- (b) Myovela decided to go out for shopping. She used $\frac{1}{4}$ of her saving to buy Chocolate, $\frac{2}{3}$ of the remaining to buy ice cream. If she was left with 4200/=, Find
 - i. How much shilling she had at the beginning of the shopping?
 - ii. How much money did she use for chocolate?
2. (a) Solve for x if $4\log \frac{1}{2} = \log \frac{35}{8} - \log x + \log \frac{1}{7}$

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- (b) Solve for q: $\left(\frac{3}{5}\right)^{2q} = \left(\frac{5}{3}\right)^{q-6}$
3. (a) Each of the 50 students in a class must take at least one of the following subjects:
 cookery and needle work. If 30 take cookery and 26 take needle work, how many take both subjects?

- (b) Find the probability that the number selected at random from numbers $-3, -2, 0, 3, 4$ and 6 will be a solution of the equation $x^2 - x - 6 = 0$
4. (a) Given that $a:b=5:2$ and $b:c=3:4$, find:
 - (i) $a:c$
 - (ii) $a:b:c$
- (b) Find the midpoint of the line segment joining the points (3, 5) and (-5, -3)
5. (a) Find the perimeter of a pentagon inscribed in a circle of radius 4 cm
- (b) Show that CK=BK



6. (a) The number of the square tiles needed to surface the floor of a hall varies inversely as the square of the length of a side of the tile used. If 2016 tiles of sides 0.4 m would be needed to surface the floor the hall. How many tiles of sides 0.3 m would be required?
- (b) Multiply 7kg 50g 32mg by 550

7. BALANCE SHEET AS AT 31st DECEMBER 2020

Liability	Amount	assets	amount
Capital	330,000	Equipment	60,000
Creditors	100,000	Furniture	90,000
Balance over draft	60,000	Premises	30,000
		Machines	70,000
		Stock	100,000
		Debtors	40,000
		Cash in bank	60,000
		Cash in hand	40,000
	490,000		490,000

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- Calculate total current assets
- Calculate total fixed assets
- Calculate current ratio
- Calculate total current liabilities
- Calculate working capital
- Write the balance sheet equation
- Second term, fifth term and seventh term of AP form the first three terms of a geometric progression. Calculate the common ratio and the second term of the geometric progression.
 - The sum of the first n terms of certain series is $S_n = n^2 + 3n$.
- Write the first four terms of the series
 - Find the general formula for the n th term of the series
- From the top of the building 75m high, John sees a lorry and minibus along the road both

being in one side of the building at the angle of depression of 30° and 60° respectively. Find the distance between a lorry and a minibus.

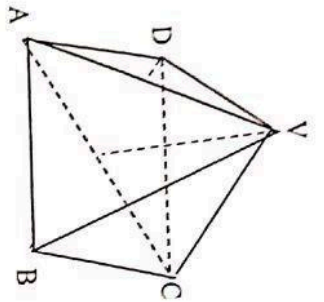
- Given that, $\tan \theta = \frac{-5}{12}$, if θ is an obtuse angle; find the value of $\cos \theta + \sin \theta$
- What must be added to make the expression that the difference between the square of a number and twelve times the number will make it a perfect square.
 - Anna is six years younger than her brother John. Four years to come the product of their ages will be 280 years. Formulate the quadratic equation using this information and hence find their current ages by using completing the square method

SECTION B (40 Marks)

- Answer all questions in this section.
Carefully study the frequency distribution table below which shows marks of 100 students in mathematics subject examination.

MARKS	41-50	51-60	61-70	71-80	81-90	91-100
NO. OF STUDENTS	10	22	25	34	x	2

- Calculate
- The value of x
 - Mean given assumed mean 65.5
 - Median in two decimal places
 - The mode in two decimal places
- Draw a histogram to represent the data
 - If Veronica and John were along a circle of longitude of $V(28^\circ N, 30^\circ E)$ and $N(2^\circ S, 30^\circ E)$ respectively. Find the distance between them in Nm
 - The given figure is a right pyramid on a rectangular base in which $AB = 4\text{cm}$, $BC = 3\text{cm}$ and $VC = 6.5\text{cm}$. VO is perpendicular to the plane of the base.



Calculate:

- i. The height VO of the pyramid.
 - ii. The angle which the plane VAD makes with the base.
13. (a) Prove that two tangents drawn from an external point to a circle are equal in lengths
- (b) Two chords AB and CD of lengths 6cm and 8cm respectively are on opposite sides of the centre of a circle of radius 5cm. find the distance between the two chords.

14. (a) A relation R is defined as, $R = \{(x, y) : y \leq x, x \leq 5 \text{ and } x + y \geq 5\}$
- (i) Sketch the graph of the relation R
 - (ii) From the graph state the Domain and Range
- (b) A function F is defined as $f(x) = x^2 + 7x + 6$. Find
- i. The maximum or minimum value
 - ii. Axis of symmetry
 - iii. Turning point
 - iv. Domain and range of $f(x)$

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENTS
DODOMA REGION
FORM FOUR PRE-MOCK EXAMINATION 2023

HISTORY

012

TIME 3 Hours

March, 2023

Instructions

1. This paper consists of sections A, B, and C.
2. Answer all questions in section A, B, and two questions in section C. Section "A" carries 16 marks, "B" carries 54 marks and section "C" carries 30 marks.
3. Cellular phones and any unauthorized materials are not allowed in the examination room.
4. Write your examination number on every page of your answer sheet.

SECTION A (16 Marks)

For each of the following items (i-x) choose the correct among the given alternatives and write its letter beside the item number in your answer sheet provided

1. (i) Mr. Ngosi is retired in Tanzania people's defense force (TPDF). One day after a dinner with his grand children started to narrate about the Uganda- Tanzania War of 1978-1979. He said them that, Uganda – Tanzania War is a forgettable war in the history of Tanzania because J.K Nyerere spends a lot of among to conduct the war. The method used by Mr. Ngosi to narrate Tanzania-Uganda war to his grand children is called?

- (A) Archaeological sites
- (B) Museums
- (C) Oral Tradition
- (D) Written records
- (E) Linguistics

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- (ii) African societies had attained high level of technology particularly in agriculture. This can be proved by form of irrigation scheme carried out along Nile Valley in Egypt. This form of irrigation system was called

- (A) Shadoof Irrigation
- (B) Drop Irrigation
- (C) Tennessee Irrigation scheme
- (D) Egyptian Irrigation Scheme
- (E) LUBADA Irrigation Scheme

- (iii) The best form of spreading European Culture was through

- (A) Indirect policy
- (B) Assimilation policy
- (C) Direct policy
- (D) Association policy
- (E) Direct and Indirect policy

(iv) Which country used slogan "FEED THE NATION" in 1977 in order to make the country self-sufficient in food production?

- (A) Ghana
- (B) Nigeria
- (C) Tanzania
- (D) Zambia
- (E) Cameroon

(v) Archaeologists help us to know how man lived through the study of;

- (A) Bones and tools
- (B) Tools and riddles
- (C) Stories and Riddles
- (D) Riddles and bones
- (E) Bones and Music

(vi) The Universal Primary Education scheme was launched in some post-colonial African states in order to:-

- (A) Provide information education to the citizen
- (B) Teach using African curricula
- (C) Provide education to sons of African Chief
- (D) To provide education to the majority
- (E) Acquire a few African who could assist European

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(vii) Which of the following represents exploitative modes of production in pre-colonial Africa?

- (A) Capitalism and slavery
- (B) Socialism and feudalism
- (C) Slavery and communalism
- (D) Slavery and feudalism
- (E) Communalism and Socialism

(viii) Songhai grew up to become the kingdom under the leadership of Sunni Ali, that small kingdom was known as:-

- (A) Ghana
- (B) (E) Mali
- (C) Jenne
- (D) Gao
- (E) Kangaba

(ix) The colonial chartered companies failed in their mission to rule African colonies because:-

- (A) Other European companies did not support them

- (B) African chiefs refused to work with the company administrators
 - (C) Imperialist states were too far to support them during African resistance
 - (D) The colonial produced less with profits
 - (E) They had little capital and skilled man power to run the colonial administration
- (x) Jaja of Opobo based the prosperity of his country upon the trade in
- (A) Gold
 - (B) Slavers
 - (C) Arms
 - (D) Cotton
 - (E) Palm oil

2. Match the items in list (A) with the correct responses in list (B) By writing the letter of the correct response beside the item number in the answer sheet provided

LIST A	LIST B
(i) Sofala and Mozambique were captured by Francisco D. Almada	A. 1592
(ii) Fort Jesus was build	B. 1560
(iii) Zanzibar and Mafia were conquered by Portuguese	C. 1507
(iv) The built of Elmina castle	D. 1470's
(v) Amir Ali Bey attacked the East African Coast	E. 1590
(vi) Mombasa Arabs established their sheikdom	F. 1509
	G. 1588
	H. 1698
	I. 1741

SECTION B (54 Marks)

Answer all questions in this section

3. Answer the following question briefly.

- (i). How assimilation policy was implemented in Africa
- (ii). Why do you think slave trade in Indian Ocean expanded from the 15th C.
- (iii). How the discovery of Iron brings the remarkable changes in the history of Africa
- (iv). How did the First World War led to the Great economic slumps?
- (v). Why the Second World War was the turning point for the rise of mass nationalism in Africa
- (vi). How man originated according to the theory of evolution

4. Arrange the following sentences in a chronological order by writing their roman numbers in the booklet/sheet(s) given.

- I. Despite of all developments to pre-colonial Africans, Whites called Africa as a Dark Continent to mean a continent with no development.
- II. Trade like internal and regional helped different societies to exchange goods which were not produced in their environment. People exchanged what they had with what they did not have.

- III. Example of people who lived near water sources depended on fishing as the basic means of production unlike societies from interlacustrine region like Buganda who lived by agriculture activities and trade.
 - IV. Mostly of pre-colonial Africans societies lived by depending on their particular environment and they had their own political and economic system.
 - V. The coming of whites in Africa in 15th C brought a lot of social, political and economic changes to Africans like change in trade network and production systems like food crops to cash crops.
 - VI. Despite of all changes still there are some of African societies lived by their communal or traditional ways of life up to present time.
5. Draw a sketch map of Africa and locate the following by using roman numbers:
- (i) A country which regained her independence from Britain under king Farouk.
 - (ii) The country in which German Commander Emil Von Zelewsky was killed.
 - (iii) The country in which the headquarters of SADC is found.
 - (iv) The country in which Shona and Ndebele resistance occurred.
 - (v) The country in which Apartheid policy was introduced in 1948.
6. Make short explanation about the following
- (i) Give the difference between constitutional means and armed struggle.
 - (ii).What is the difference between regional cooperation and international cooperation.
 - (iii).What do you understand by the term SILABU and explain where it was applied.
7. Fill the gaps with the correct historical facts
- (i).In the year.....,..... Sultan Seyyid Said shifted his capital from Oman to Zanzibar
 - (ii). Apartheid policy was made as an official policy in South Africa in.....
 - (iii). Mozambique and Angola attained their independence through armed struggle in.....
 - (iv).....was the first European country to acquire colonies in Africa and also was the last one to decolonize their colonies.
 - (v). A tribe in East Africa that resisted strongly British invasion was.....
 - (vi).The Kamba who dominated the northern trade route were under the leadership of.....
8. The Berlin conference of 1884 -1885 under Otto Von Bismarck aimed on deciding how the European could share the fate of Africa peaceful. To implement this decision, the European set a number of principles. Outline six of them.

SECTION C (30 Marks)

Answer only two (02) questions from this section

9. With vivid examples explain six features of the second exploitative mode of production.
10. Explain why settler economy in Kenya? (six points)
11. Elaborate why decolonization through armed struggle was necessary to some African colonies? (Six points)

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OFISI YA RAIS
TAWALA ZA MIKOA NA SERIKALI ZA MITAA
MTIHANI WA UTAMILIFU (AWALI) KIDATO CHA NNE MKOA WA DODOMA.

021

KISWAHILI

MUDA:SAA 3.

MACHI

2023.

MAELEKEZO

1. Karatasi hii ina sehemu A,B, na C yenye JUMLA ya maswali kumi na moja (11).
2. Jibu maswali yote kutoka sehemu A, B, na sehemu C jibu maswali mawili tu (2). Swali namba tisa (9) ni lazima.
3. Zingatia maagizo ya Kila swali na Kila sehemu.
4. Simu za mkononi haziruhusiwi
5. Andika namba Yako ya mtihani katika Kila ukurasa wa karatasi ya kujibia

SEHEMU A (ALAMA 16)

1. Jibu maswali yote katika sehemu hii kisha weka herufi ya jibu sahihi katika karatasi yako ya kujibia.
 - i. Neno lipi kati ya maneno haya linadokeza hisia za mtenda au mtendwa.

A. Kiunganishi	D. Kielezi
B. Kivumishi	E. Kiwakilishi
C. Kihisishi	
 - ii. Ni jambo gani linalodhihirisha umbo la nje la kazi ya fasihi .

A. Muundo	D. Mtindo
B. Jina la kitabu	E. Maudhui
C. Fani	
 - iii. Kategoria ya kisarufi inayowakilisha wakati katika kitenzi.

A. Leksimu	D. Mtendewa/ mtenda
B. Kiambishi awali	E. Njeo
C. Shina	
 - iv. Ipi ni maana sahihi ya nahau isemayo “mbiu ya mgambo”

A. Tia aibu	D. Mluzi wa mgambo
B. Tangazo	E. Sare za mgambo
C. Fanya tashtiti	

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v. Sifa ipi hutofautisha fasihi simulizi na andishi .

- A. Ukubwa
- B. Uwasilishaji
- C. Uhifadhi

- D. Ukuaji
- E. Ukongwe

vi. Hadithi ipi inazungumzia matukio ya kihistoria.

- A. Ngano
- B. Tarihi
- C. Visasili

- D. Soga
- E. Vigano

vii. Ili mzungumzaji wa lugha aweze kuwasiliana kwa usahihi anahitaji mambo manne ambayo ni.

- A. Mahusiano ya wahusika, muundo, Mahali na lengo
- B. Lengo, mada, mandhari na umbo.
- C. Mahali, mada, muda na wahusika
- D. Mada, mandhari, lengo na uhusiano wa wahusika
- E. Mandhari, mtindo, jina la kitabu na wahusika

viii. kifungu cha maneno ambacho hujibu maswali ya ziada kuhusu tendo katika sentensi huitwa.

- A. Kiingizi
- B. Kirai nomino
- C. Tungo

- D. Kirai kielezi
- E. Kikundi kivumishi

ix. Shina la neno "wanasemezana" ni lipi kati ya haya?

- A. Semezana
- B. Sem
- C. Wanasema

- D. Semesha
- E. Sema

x. Aina za lugha zilizotumika sehemu tofautitofauti katika ukanda wa chini mwa jangwa la Sahara wakati wa kukua na kuenea kwa lugha ya kiswahili huitwa.

- A. Rejesta
- B. Misimu
- C. Lahaja

- D. Kibantu
- E. Lugha za kigeni

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2. Oanisha dhana za orodha A Kwa kuchagua herufi ya dhana husika katika orodha B

ORODHA A	ORODHA B
i. Hatua ya kwanza ya kuchanganua sentensi	A. Baba amenunua mpira
ii. Kiarifu	B. Ni kipatanisho cha kisarufi
iii. Shamirisho	C. Kuainisha maneno ya sentensi
iv. Mofimu	D. Kutaja aina ya sentensi
v. Kirai	E. Kipashio chenye maana kisarufi
vi. Mofimu huru	F. Meza
	G. Kuainisha aina ya sentensi
	H. Usemi huu ni sahihi
	I. Chagizo na shamirisho
	J. Kikundi cha maneno

SEHEMU B (ALAMA 54)

3. Kwa kutumia mifano eleza maana na kazi nne (4) za viambishi

4. Andika semi zinazofanana na maneno yafuatayo.

- Vidole vya binadamu
- Ukulima
- Imani ya kibinadamu Kwa Mungu
- Ulevi
- Rushwa
- Malezi

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5. Sentensi zifuatazo Zina makosa kisarufi, ziandike kwa usahihi.

- Huyu hapendi ugovi
- Asha alidondoka pale wakati wa anamkimbia
- Mtoto angepelekwa hospitali mapema angelipona
- Mzee Peko alichinja mbuzi zake zote
- Nilikuja kwa nauli yangu
- Aidha nitaenda au sitaenda

6. Wewe ni mfanyabiashara wa simu za mkononi ya kampuni ya NOKIA , andika tangazo

Kwa wateja wako kuwajulisha kuwa umeleta simu mpya katika duka lako.

7. Eleza maana ya lugha na jadili vyombo vine (4) vya habari vinavyosaidia lugha ya Kiswahili ikue na kuenea Kwa haraka cwa watumiaji wake.

8. a). Andika neno linalohusiana na maelezo katika sentensi zifuatazo.

- i. Taarifa anazohitaji mtumiaji wa kamusi
- ii. Vilugha vidogovidogo walivyokua wakiongea wabantu
- iii. Kitenzi kinachokaa mwishoni mwa sentensi
- iv. Sehemu ya sentensi inayokaliwa na mtenda

b). Taja neno moja lililotoholewa kutoka katika lugha zifuatazo.

- | | |
|----------------|-------------|
| i. Kihispania | iv. Kihindi |
| ii. Kijerumani | v. Kisambaa |
| iii. Kizanaki | |

SEHEMU C (ALAMA 30)

Jibu maswali mawili tu (2) kutoka sehemu hii. Swali namba tisa (9) ni lazima

9. Washairi siku zote hutumia kalamu zao kuonesha shida mbalimbali katika jamii . Jadili kau hii kwa kutoa hoja "3" Kwa Kila diwani kati ya diwani mbili ulizosoma.
10. Fasihi ni sehemu ya kujifunza kwa wanaohitaji kujifunza maisha. Jadili ukweli wa kauli hiy kwa kutoa hoja tatu kwa kila Riwaya mbili ulizosoma .
11. Jina la kitabu cha tamthiliya ya " kilio chetu" na "Ngoswe Penzi Kitovu Cha Uzembe linaendana kabisa na maudhui yake. Thibitisha kauli hii kwa kutumia hoja tatu kutok katika kila kitabu.

ORODHA. YA VITABU

USHAIRI

Wasakatonge
Malenga wapya
Mashairi ya chekecheka

M.S Khatibu

Takiluki
T.A mvungi

RIWAYA

Takadini
Joka la mdimu
Watoto wa wa mama ntilie

Ben Hanson
A.J Safari

E. Mbogo

TAMTHILIYA

Orodha
Kilio chetu
Ngoswe penzi kitovu cha uzembe

Steven raymond
Medical AID Foundation
M. Semzaba

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REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION
FORM FOUR PRE - MOCK EXAMINATION

013
Time: 3 HOURS

GEOGRAPHY
March, 2023

INSTRUCTIONS

1. This paper consists of sections A, B and C, with a total of **eleven (11)** questions.
2. Answer all questions in section **A, B** and **two** questions from section C
3. Map extract of Mafinga, sheet 232/4 is provided.
4. Section A carries sixteen (16) marks, section B carries fifty four (54) marks and section C carries thirty (30) marks.
5. Programmable calculators, cellular phones and any unauthorized materials are **not** allowed in the examination room.
6. Write your Examination number on every page of your answer sheet (booklets)

SECTION A: (16 Marks)

Answer all questions in this section.

1. For each of the items (i – x) choose the correct answer from among the given alternatives and write its letter in the answer booklet (s) provided.
 - i. When tourists visited Pangani Beach in Tanga, were surprised by the rising and falling movements of water in the ocean, basing on your knowledge, when do you think they would have observed the highest rising and falling incident of water in the ocean
 - A. During the Eclipse
 - B. During the Aphelion
 - C. During the Equinox
 - D. During the day and night throughout the year
 - E. At the poles
 - ii. The spinning of the earth on its own axis may cause a lot of changes, which one of the following is not
 - A. Day and Night
 - B. Seasons
 - C. The difference of one (1) hour between two Meridian of 15°
 - D. The deflection of wind and ocean currents
 - E. The daily rising and falling of the ocean tides.
 - iii. Mike and Jose went for swimming at Ruaha River, while swimming Jose fell towards a point at the foot of the river course where there was a round depression which is deeper than the rest parts of the river. What was this round depression?
 - A. Plunge pool
 - B. River capture
 - C. Interlocking spur
 - D. Meander
 - E. Knick point
 - iv. Mr. Tumbo who is a famous pastoralist and a resident at Morogoro which is 800m of elevation from the sea level, experienced hotness of about 28°C as

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he was grazing his cattle's. Suppose Mr. Tumbo was a resident at Karatu which is 1400 m above the mean sea level, what would have been the appropriate degrees of coldness or hotness experienced by this man?

- A. 40.0 °C
- B. 31.6 °C
- C. 3.6 °C
- D. 24.4 °C
- E. 22.8 °C

v. In the field study, students were told that, soil has chemical and physical Characteristics. What is the general term for these characteristics?

- A. Soil profile
- B. Soil particles
- C. Soil properties
- D. Soil fertilities
- E. Soil formation

vi. There was a fascinating match between Tanzania and Burundi which was played at 2:00 pm in Honolulu (Hawaii 150°W). As the game was approaching half time, Mbwana Ally Samatta scored a brilliant solo goal to put his team ahead. Suppose you were watching the game at Burundi (30°E), at what time would you have seen the goal?

- A. 2:00 am
- B. 10:00 am
- C. 4:00 pm
- D. 10:00 pm
- E. 12:00 am

vii. Reserved forests have so many advantages to the communities around them and the country in its totality. By using the knowledge obtained from the sustainable use of forest resources, what is the social economic advantage of reserved forest to societies?

- A. Lumbering
- B. Tourism
- C. Agriculture
- D. Mining
- E. Forestry

viii. When observed with scientific equipments, the internal structure of the earth appears to have several layers. Which one from among the given alternatives shows the continental blocks of earth?

- A. The mantle
- B. Sima
- C. Sial
- D. The core
- E. The hydrosphere

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ix. A couple of years ago, river Mabwepande was almost ageing. However, after a few months later, the river started becoming too young again in its valley. As a geographer, what do you think is the appropriate term for the process that occurred?

- A. River regime
- B. River rejuvenation
- C. River Capture
- D. Delta
- E. Abrasion

- x. Mr. Kizibo was passing through different streets going at his home and then he saw bending of trees and bulging of fences around that area. This happened due to which mechanism?
- Land slide
 - Soil erosion
 - Rock fall
 - Soil creep
 - Mud flow

2. Study carefully the following basic parts of a soil profile. Then select from the Statements provided which matches best with it and write its number against it.

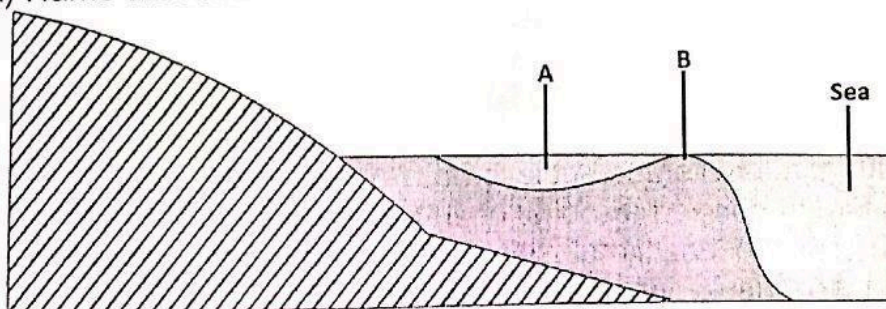
- A - HORIZON
- B - HORIZON
- C - HORIZON
- D - HORIZON
- E- HARD PAN ZONE.....
- SOIL PROFILE.....

Terms suited to it. 1. Consists of partly weathered materials. 2. The zone of eluviation. 3. The solid or parent rock. 4. The zone of iluviation. 5. It is soil catena. 6. Leaching 7. Accumulation of washed down materials. 8. Vertical section. 9. Horizontal section.

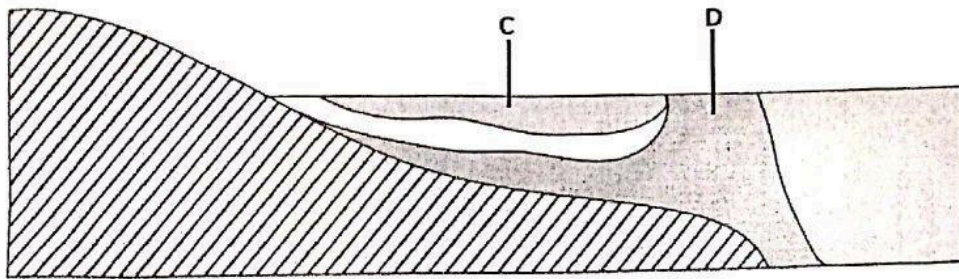
SECTION B: (54 Marks)

Answer ALL questions from this section.

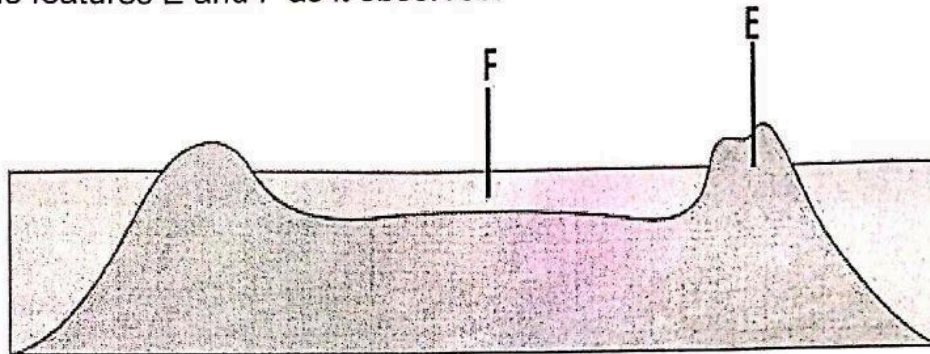
3. Study the map extract of Mafinga, sheet number 232/4 carefully and then answer the questions that follow: -
- Calculate the map distance covered by Mbeya – Iringa road in centimetres from grid reference 478777 to 567874
 - Write the given scale of map into R.F scale in form of fraction.
 - State the general direction of slope of the land in the mapped area
 - Outline four techniques used to locate position of Mafinga town
 - As a form four student at Kwazulu hill school, your invited to help form three students to clear their thought that they can see the rock direct from any topographical map. Assist them any three criteria used to analyze it.
 - With one reason, suggest the possible climate of the mapped area.
4. The form three students carried a study tour along the coastal of Tanzania and Kenya where they observed and discussed the coral reef conditions for their development, significances and their disadvantages.
- (a) Name the features A and B as it observed.



- (b) Name the features C and D as it observed.



(c) Name the features E and F as it observed.



(d) Outline six (06) importance of coral reef. **(06 marks)**

5. (a) Name three kind of obstacles that hinders taking direct measurement during surveying

(b) Define the following surveying terminologies

- i. Survey
- ii. Hydrographic Surveys
- iii. Geodetic Surveys
- iv. Optical square
- v. Tie lines
- vi. Line of traverse

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6. Consider the data in the table below and answer the questions that follow:

Year	Number of Students
2014	20
2015	40
2016	60
2017	70
2018	80

a) Present the data above by drawing the divergence bar graph.

b) Describe any two advantages and two disadvantages of the method you have used in (a) above.

7. Study carefully the photograph provided and answer the questions that follow:



- (a) What kind of geographical process is taking place in the area?
 - (b) State the four economic importance of the process taking place in the area
 - (c) Describe two destructive influences of the process on man and environment.
 - (d) Name three mountains in East Africa which have originated from the process
8. In 2023 form four students at Mtakayote secondary school conducted research about effects of early pregnancy for girls at Lumecha village finally they submitted the report to the head of school
- a) What are the main three (3) objectives of research?
 - b) Propose three (3) methods which might be used to collect data
 - c) Explain three (3) problems that possibly faced them when they collect data

SECTION C (30 Marks)

Answer two (02) questions from this section.

9. Recently the world is facing a very dangerous pandemic disease (COVID 19) which affects people and their economy. Explain six (6) effects of which may be brought by the dangerous pandemic to the tourism sector in Tanzanian economy.
10. "Rocks were formed, are forming, and will still be forming in years to come" Justify this statement.
11. The late president John Pombe Joseph Magufuli emphasized on industrialization for Tanzanian economic development under the slogan "**TANZANIA YA VIWANDA**" Analyze six (6) ways which can be used in attempt to achieve the stated slogan by the late president in Tanzania.

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PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION
FORM FOUR PRE-MOCK EXAMINATION

031/1

PHYSICS 1

Time 3 Hours

March, 2023

Instructions

1. This paper consists of sections **A**, **B** and **C** with 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** **fifty four (54)** marks and section **C** **thirty (30)** marks.
4. Cellphones and any unauthorized materials are not allowed in the examination room.
5. Non programmable calculator and mathematical table may be used in the examination room.
6. Write your examination Number on every page on your answer booklet(s)
7. Where necessary the following constants may be used:
 - Acceleration due to gravity $g = 10\text{m/s}^2$
 - Specific heat capacity of water $= 4200\text{Jkg}^{-1}\text{K}^{-1}$
 - Speed of light in air $= 3 \times 10^8 \text{ms}^{-1}$
 - Speed of sound in air $= 330\text{m.s}^{-1}$
 - Pie (π) $= 3.14$

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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 among the given alternatives and write its letter beside the item number. (10 marks)

- (i) Which of the following best describes why knowledge of physics is necessary to understand all other sciences?
- A. Explains how energy passes from one object to another.
 - B. Explain how gravity works.
 - C. Explains the motion of objects that can be seen with naked eye.
 - D. Explains the fundamental aspects of the universe
 - E. Explain different ways how energy can be changed from one form to another
- (ii) Which of the following is the set of fundamental physical quantities?
- | | |
|---|---------------------------------------|
| A. Mass, weight, time and length | B. second, kilogram, metre and Kelvin |
| C. Amount of substance, time, length and mass | D. Mass, length, area and time |
| E. Force, acceleration, velocity and speed. | |

- (iii) A force of 40N is necessary to extend a spring by 20mm. If a mass of 0.5kg is attached to the lower end of the spring, what will be the extension of the spring in mm?
- A. 0.20 B. 1.00 C. 2.50 D. 5.00 E. 10.00

- (iv) A measuring cylinder is filled with oil. A girl says that the pressure at the bottom of the cylinder depends on

1. the height of the oil
2. the area of the bottom of the cylinder
3. the density of the oil

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Which of A, B, C, D, E is correct?

- A. 1, 2 and 3 B. 2 and 3 C. 1 and 2 D. 1 and 3 E. 1 only

- (v) In a process of charging by induction in static electricity:-

- A. a conductor is rubbed with an insulator
- B. a charge is produced by friction
- C. negative and positive charges are separated
- D. a positive charge induces a positive charge
- E. electrons are sprayed into an object

- (vi) Identify a correct set of forces act through physical contact between two objects.

- A. Friction, stretching, compressing and air resistance
- B. Air resistance, gravity, attracting and restoring
- C. Gravity, friction, attractive and repulsive
- D. Friction, compressing, gravity and air resistance
- E. Gravitational, weak forces, electromagnetic forces and strong force

- (vii) A mass of 5kg changes in velocity from 4m/s to 24m/s in 10s. What is the force in Newton needed to make this change?

- A. 1 B. 5 C. 10 D. 20 E. 100

- (viii) A typist uses a new carbon paper under her top typing paper for making a copy of a letter. When she holds the carbon paper close to a plane mirror, she can read the letter. This is because the mirror:-

- A. forms an image the same size as object
- B. produces an inverted image
- C. produces a laterally image
- D. forms a virtual image
- E. forms an image behind the mirror.

- (ix) Which of the following is (are) true both for light waves and for sound waves;

1. They can travel through the vacuum.
2. Speed of wave = $\text{frequency} \times \text{wavelength}$
3. They transfer energy from one place to another

- A. 1, 2, 3 B. 1, 2 C. 2, 3 D. 1 only E. 3 only

- (x) Which one of the following relates work done and energy?

- A. They are both result of mechanical process
- B. They have the same unit in which they are measured.
- C. They all explain how fast the task is performed.
- D. They both examples of chemical energy
- E. They are both not depends on other physical quantities

2. Match the item in list A with the letter of the correct response in the in list B. Write the letter beside the item number.

(6 marks)

LIST A	LIST B
(i) A tendency of an object suspended in water to stay on the surface of the liquid.	A. Apparent loss in weight
(ii) Weight of fluid displaced.	B. Real weight
(iii) Weight of an object.	C. Apparent weight
(iv) Determine the density of liquid by using law of floatation.	D. Relative density bottle
(v) Weight of an object submerged.	E. Hygrometer
(vi) Ratio of mass of substance to the mass of an equal volume of water.	F. Sinking
	G. Relative density
	H. Floating
	I. Hydrometer

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SECTION B (54 Marks)

Answer all questions from this section

3. (a) A concave mirror is used to form an image of a pin object. By using a well labeled diagram show how you can obtain a real and same size image as pin object.

(5 marks)

(b) In a certain murder investigation, it was important to discover whether the victim was long sighted or short sighted. How could a detective decide by examining the spectacles?

(4 marks)

4. (a) A rectangular block measures 8cm by 5cm by 4cm and has a mass of 1.2kg. Determine the greatest pressure in Pascal the block can exert on the floor. (5 marks)

(b) It is more difficult to balance a nail on its tips than on its base. Explain. (4 marks)

5. (a) Give explanation. Why a seat belt designed to stretch in a collision? (3 marks)

(b) Imagine you are riding a bicycle. Identify two types of machine and say whether it is a force magnifier or a distance magnifier. (6 marks)

6. (a) Figure 1 shows a circuit of a fire alarm for controlling the fire in a room. Explain how the circuit is operating. (5 marks)

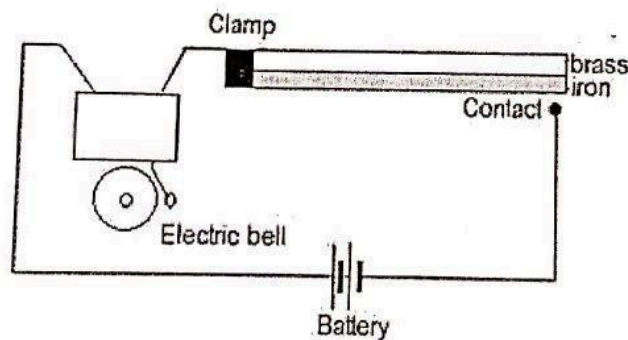


Figure 1

(b) Why it takes a short time to cook beans using pressure cooker than using a normal pot. Briefly explain. (4 marks)

7. (a) Explain with a diagram how a vacuum flask can keep tea hot. (5 marks)

(b) An outdoor swimming pool contains 100,000kg of water. You are required to heat the water from 25°C to 30°C. How much energy does this need?

(4 marks)

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8. (a) Solar and fuels both can produce current electricity for our daily use. Give two differences between the two. (4 marks)
- (b) Suppose you are in a Physics laboratory and you are given a bar magnet whose poles are not labeled. Describe how you could determine which end of the bar is the North Pole. (5 marks)

SECTION C (30 Marks)

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Answer two (2) questions from this Section

9. (a) Imagine that you are an electrician and the following problems and questions are brought to you by your customers.

Customer A "A lamp in my house has gone out"

Customer B "The lights downstairs have all gone out"

In each case, explain the possible cause for your customer's trouble and how it might be solved.

(4 marks)

- (b) Draw a circuit diagram to show how three lamps can be lit from a battery so that two lamps are controlled by the same switch while the third lamp has its own switch.

(6 marks)

- (c) You are provided with a bundle of a resistance wire labeled 0.38mm diameter and resistivity of $4.9 \times 10^{-7} \Omega m$. How will you design a resistance of 2Ω using this wire? (5 marks)

10. (a) In an experiment Benard studies sound waves. He sets up a loudspeaker to produce sound as shown in figure 2;-

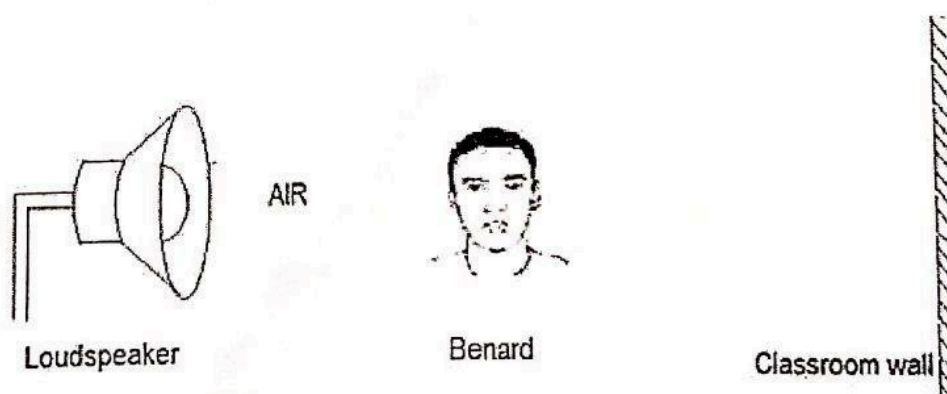


Figure 2

Bernard adjusts the signal to the loudspeaker to give a sound of frequency 200Hz.

- (i) What happens to the air in between Bernard and loudspeaker? (2 marks)
- (ii) Explain how Bernard receives sound in both ears. (3 marks)
- (b) Guitars have strings of varying thickness. Which of the string, thickest or thinnest produces highest frequency of musical note? Give reason of your answer (4 marks)
- (c) In a resonance tube experiment a smallest value of L for which a peak in sounding intensity occurs is 9.0cm. How far must the tube be raised to hear the next peak in sound intensity? Neglect the end correction (6 marks)

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11. (a) A student hung a magnet next to a coil of wire to make a door chime as shown in figure 3;-

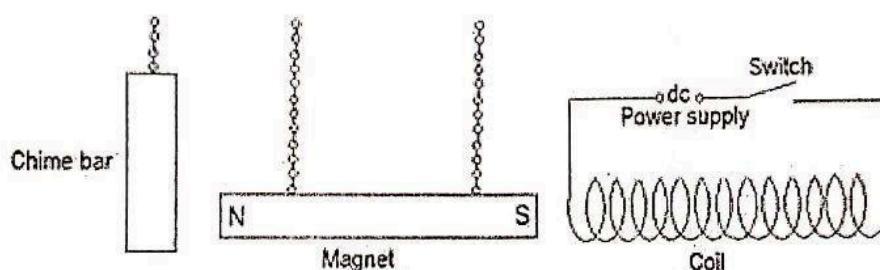


Figure 3

When the current is switched on the magnet hit the chime bar which made a noise.

- (i) Explain how the current made the magnet to move towards the chime bar. (2 marks)
- (ii) The student wanted the magnet to hit the chime bar harder. Suggest two changes that would make this happen. (4 marks)
- (b) A transformer is used to produce a very high voltage to transmit electrical energy through the national grid. Explain why electrical energy is transmitted at a very high voltage. (4 marks)
- (c) A transformer is used to step down 240V mains supply to 12V for laboratory use. If the primary coil has 600 turns, determine the number of turns in the secondary coil. (5 marks)

**THE PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
DODOMA REGION
FORM FOUR PRE MOCK EXAMINATION**

CHEMISTRY 1

032

Time: 3 hours

March, 2023

Instructions

1. This paper consists of section A, B and C with total of eleven (11) questions
2. Answer all questions in section A and B and two (2) question from section C
3. Cellular phones and any unauthorized material are not allowed in the examination room
4. Write your Examination Number on every page of your answer booklet(s)
5. Non programmable calculator may be used
6. The following constant may be used

Atomic masses:

H=1, C=12, N=14, O=16, Na=23, S= 32, Ca=40, Cl= 35.5, Cu= 64 and Zn=65

Avogadro's number = 6.02×10^{23}

GMV at s.t.p = 22. 4 dm³

1 faraday = 96,500 coulombs

Standard pressure = 760 mm Hg

Standard temperature = 273K

1 litre = 1 dm³ = 1000cm³

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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 among the given alternatives and write its letter beside the item number in the answer booklet provided.
 - i. Calcium chloride crystals left exposed on watch glass in the laboratory overnight. Eventually a solution was found in the watch glass. This suggests that:-
 - A. Calcium chloride is Efflorescent
 - B. Calcium chloride is Hygroscopic.

- C. Calcium chloride is Deliquescent.
D. Rain might have fallen into calcium chloride
E. Calcium chloride is Deliquesced
- ii. A chemist observed that when an iron nail is left overnight, the iron nail rusts. A Chemist later on said that this was due to the presence of moisture in the atmosphere during the night .This can be termed as:-
A. Hypothesis
B. An interpretation
C. Observation
D. Conclusion
E. Problem identification
- iii. In ammonia gas ,Hydrogen and Nitrogen atoms are held together by:-
A. Covalent bond
B. Weak force of attraction
C. Ionic bond
D. Strong force of attraction
E. Ionization bond
- iv. Access to safety equipment should never be blocked by any object .Why?
A. It is just a simple law.
B. There must be spaces for people to move around in the laboratory.
C. The equipment is used every day.
D. It is important to reach safety equipment quickly in case of an accident.
E. It is used in chemistry laboratory.
- v. What volume of hydrogen gas will be produced when 1.3g of Zinc granules react completely with excess dilute sulphuric acid at s.t.p ?
A. 130cm^3
B. 224cm^3
C. 440cm^3
D. 220cm^3
E. 448cm^3

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- vi. Ammonium Chloride reacts with Sodium Hydroxide solution on warming .The net ionic equation for the reaction is: -
- A. $\text{H}^+_{(\text{aq})} + \text{OH}^-_{(\text{aq})} \rightarrow \text{H}_2\text{O}_{(\text{l})}$
 - B. $\text{NH}_4^+_{(\text{aq})} + \text{OH}^-_{(\text{aq})} \rightarrow \text{NH}_3_{(\text{aq})} + \text{H}_2\text{O}_{(\text{l})}$
 - C. $\text{Na}^+_{(\text{aq})} + \text{Cl}^-_{(\text{aq})} \rightarrow \text{NaCl}_{(\text{aq})}$
 - D. $2\text{NH}_4^+_{(\text{aq})} + 2\text{Cl}^-_{(\text{aq})} \rightarrow 2\text{NH}_3_{(\text{aq})} + \text{Cl}_{2(\text{g})} + \text{H}_{2(\text{g})}$
 - E. $\text{NH}_3_{(\text{aq})} + \text{H}_2\text{O}_{(\text{l})} \rightarrow \text{NH}_4\text{OH}_{(\text{aq})}$
- vii. The primary macro elements needed by plants for proper growth and development are:-
- A. N,S and Ca
 - B. P,N and C
 - C. N,P and K
 - D. P,S and Na
 - E. N, Mg and Mn
- viii. Over 7 billion people on the Earth use water every day, yet Earths water supply remains relatively constant .Which statement best explains this?
- A. The sea level is rising
 - B. Water is constantly recycled by the hydro-logical cycle
 - C. Global warming melts ice to replace water that is used.
 - D. Water exists in three phases on Earth
 - E. Water is a universal solvent.
- ix. When methane undergoes substitution reaction with excess chlorine, what is the final product formed?
- A. Chloromethane
 - B. Tetra chloromethane
 - C. Tri chloromethane
 - D. Di chloromethane
 - E. Penta chloromethane
- x. Which carbonate is the most stable to heat?
- A. Calcium carbonate
 - B. Copper (II) carbonate

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- C. Lead (II) carbonate
- D. Zinc (II) carbonate
- E. Iron (II) carbonate

2. Match the type of fire extinguisher in **LIST A** with the corresponding components in **LIST B** by writing the letter of the correct response beside the item number in the answer booklet provided.

LIST A	LIST B
i. A,B,C Extinguisher	A. Bromo chloro –Difluoro methane
ii. Foam Extinguisher	B. Protein and fluoro protein
iii. Water Extinguisher	C. Mono –ammonium phosphate with a nitrogen carrier.
iv. Carbon dioxide extinguisher	D. Air pressurize water
v. Wet chemical Extinguisher.	E. Potassium acetate
vi. Halon	F. Fine sodium –bicarbonate powder pressurize by nitrogen.
	G. Carbon dioxide gas under extreme pressure

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SECTION B (54marks)

Answer all questions in this section.

3. a) A form one student of Kilandage Secondary School was provided with the following substances; sand, salt, distilled water and paraffin. The student was asked to prepare mixture A and B, in mixture A the student was suppose to mix sand and distilled water and in mixture B a student was suppose to mix salt and distilled water then the student was asked to leave the mixtures undisturbed for five minutes.

(i) Identify the type of mixtures A and B formed.

(ii) What suitable method can be used to separate mixture A from its components?

(iii) Contrast mixture A from mixture B by four points

(b) Ashura felt heartburn during practical session, her friend advised her to use ashes as

First aid to her problem. You as young chemist state.-

(i) Why Ashura was advised to use ashes to get relief from her problem.

(ii) List any three compound found in the laboratory with similar characteristics as ashes.

(iii) Analyse any three physical properties of compound with similar characteristics of ashes.

4. (a) With the aid of energy level diagram, define the term activation energy.

(b) In the Haber process, nitrogen gases (N_2) react with hydrogen gas (H_2) to form ammonia gas

(NH_3) according to the following reaction below;



Using the chemical reaction in (b) above, Calculate the excess mass of ammonia Produced in the system if 1.5 moles of nitrogen is used.

(c) Study the equation in (b) above carefully then explain why the reaction is Unfavorable under the following conditions;

(i) Low pressure

(ii) High temperature

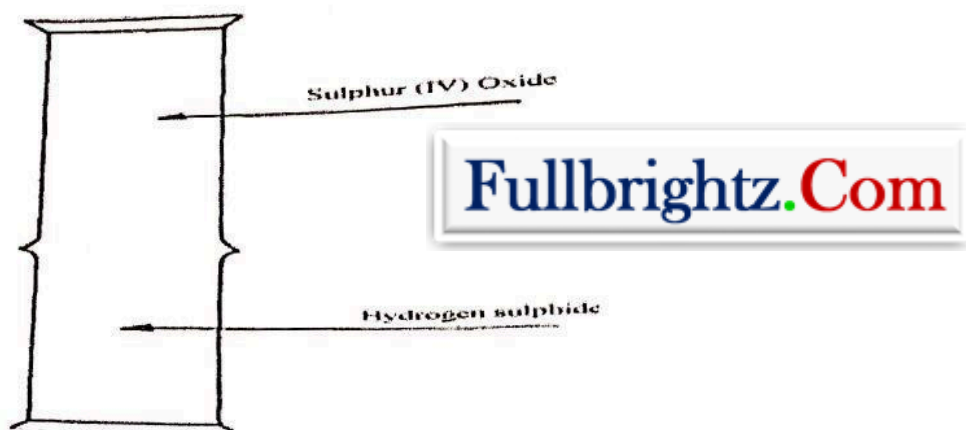
(iii) Absence of a catalyst.

(iv) Low concentration of nitrogen gas

5. (a) The set up shown below was used to investigate a certain property of Sulphur dioxide gas

Study it and answer the questions that follow.

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- i. What observation is made in the gas jar?
 - ii. Write an equation for the reaction that takes place in the gas jar.
 - iii. What property of sulphur dioxide was being investigated?
 - iv. Give out four uses of sulphur dioxide gas
- b)i. Distinguish temporary hardness from permanent hardness of water.
- ii. With the help of one Chemical equation in each: Explain how you can remove each type of hardness of water.
 - iii. The formation of lime scale in water pipes is both an advantage and a disadvantage. Explain
6. (a) (i). Carbon has three isotopes, carbon -12, carbon -13, and carbon -14. Explain why they
- Have same chemical properties.
- (ii) Briefly explain why organic compounds of the same homologous series show the same
- Chemical properties.
- (iii) When a compound U reacted with one of chlorine gas forms 1,2-dichloropentane. Write and
- Name three (3) isomers of compound U.
- (b) (i) A form three student was asked to react phosphate ion and sodium ion forming compound
- Y. Suggest the molecular formula of Y and find oxidation state of phosphorous in Y
- (ii) Calculate the percentage composition of nitrogen in compound $\text{Pb}(\text{NO}_3)_2$
7. Dilute nitric acid is added to a green solid P. A blue solution Q is Formed and a gas R that forms a
- White precipitate with lime water is formed. The blue solution is evaporated to dryness and then
- Strongly heated in a crucible. A black solid S, brown fumes of gas T and a gas that relight a
- Glowing splint are formed.
- (a) Identify
- (i) Solid P and S

- (ii) Gas R and T
- (b) Write an equation for
 - (i) The reaction between solid P and dilute nitric acid
 - (ii) The formation of solid S

8. A Form three student conducted an experiment to prepare a gas in the laboratory by decomposing

A certain compound using electricity. She allowed a steady electric current to flow through the

Solution for 3 hours at S.T.P. If the volume of the gas obtained was 4.12dm^3 and the gas relighted

A glowing splint.

- (a) (i) Name the gas that was produced
- (ii) Calculate the electric current that was flowing in the solution
- (b) (i) Calculate number of ions present in 1.42g of Na_2SO_4
- (ii) What mass of 36% purity of $0.1\text{M Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$ in 750mls?

SECTION C (30MARKS)

Answer only two questions

9. (a) (i) What do you understand by the statement "Extraction of Metal" is essentially a Reduction process.
- (ii) Name two general methods for the extraction of metals and explain their underlying Principles
- (b) Draw a simple but neat diagram to show the Down's Cell for extraction of sodium .
- (c) (i) Why sodium is extracted from its molten form (fused chloride) and not in solution form.
- (ii) What is the importance of Calcium chloride in the extraction of sodium?
- (iii) Iron and aluminium are both found in similar oxides; Fe_2O_3 and Al_2O_3 but different Methods for extraction are used. Explain why the methods for extraction are different
10. Plastic materials are very useful in different society in Tanzania, although has a lot of negative effects to the environment. As a form four student, explain using seven points the effects of using plastic material especially if they are not disposed accordingly
11. (a) A mixture of iron and sulphur was gently heated until it started to glow. The mixture continued to glow for some time even after the heating had been stopped.
- (i) Write an equation for the reaction between sulphur and iron.
- (ii) Why did the mixture continue glowing even after heating was stopped?
- (b) The chemical properties of concentrated sulphuric acid can be grouped into oxidizing property and dehydrating property. In which property should sulphuric acid be grouped when react with copper metal? Give reason and write the equation for the reaction.
- (c) (i) Sulphuric acid is generally manufactured by contact process, with the aid of equations explain the four (4) stages involved in the manufacturing of sulphuric acid.
- (ii) Explain why sulphur trioxide cannot be dissolved directly in water to form sulphuric acid

OFISI YA RAIS TAWALA ZA MIKOA NA SERIKALI ZA MITAA

MKOA WA DODOMA.

MTIHANI WA DHIHAKI WA AWALI KIDATO CHA NNE 2023.

ELIMU YA DINI YA KIISLAMU

MUDA: SAA 3.

CODE: 015

Muda saa 3

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Maelekezo

1. Mtihani huu una sehemu A, B na C; Jibu maswali yote kutoka sehemu A na B na maswali mawili kutoka sehemu C
2. Sehemu A ina alama 16% sehemu B ina alama 54 na C ina alama 30
3. Zingatia maelekezo ya kila sehemu na ya kila swali
4. Simu za mkononi haziruhusiwi katika chumba cha mtihani.
5. Andika namba yako ya mtahiniwa kwa kila ukurasa wa kujibu maswali .

SEHEMU A (ALAMA 16)

1. Jibu maswali yote katika sehemu hii kwa kuchagua herufi ya jibu sahihi
- i. Siku ya kiyama Allah (sw) atamlipa kila mmoja amali zake kwa kupima kipimo maalumu. Bainisha kipimo hicho kitakacho tumika ili kupata usahihi wa matendo hayo
- A Imani (B) Akili (C) Nia (D) umri (E) dini / /
- ii. Kutafata elimu katika uislamu ni faradhi. Elimu ikitumiwa vyema jamii itakombolewa na dhuluma za aina mbalimbali. tumia maarifa uliyopata kupitia elimu ya dini ya kiislamu shuleni uujuze umma chanzo cha elimu katika jamii
- (A) Wanafalsafa (B) Mazingira (C) Mwenyezi Mungu (sw) (D) Il-hamu (E) Qur'an tukufu / /
- iii. Utayatambua vipi maelezo yaliyo mbele yako kuwa ni hadithi?
- (A) Maelezo hayo yawe kwa lugha ya kiarabu
(B) Maelezo yawe na isnaad na Nabawiyyi
(C) Maelezo yawe na matini na riwaya
(D) Maelezo yawe na wapokezi watatu au zaidi
(E) Maelezo yawe na isnaad na matini
- iv. Kazi kubwa ya Uandishi wa hadithi sahihi iliyofanywa na swahaba wa Mtume (saw) ilikua ya:
- (A) Abubakar Swidiq (ra) (B) Malik bin Anas (ra) (C) Uthman bin Affan (Ra)
(D) Bukhari na Muslimu (E) Ally bin Abii Talib (ra)
- v. Uandishi wa hadithi ulifikia kilele chake katika kipindi cha;
- (A) Tabii Tabiina (B) Maswahaba (C) Mtume (saw)
(D) makhalifa wanne wa mtume (saw) (E) Tabiina / /
- vi. Bi Aisha (ra) alipoulizwa juu ya tabia ya Mtume (saw) alijibu " Tabia yake ilikua ni Qur'an Hii kauli ina maana gani?
- (A) Hakuna tofauti baina ya sunna na hadithi

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- (B) (B) Mtume (saw) ndiyemfasiriwa Qur'an
- (C) Mtume (saw) alikua akiishi kwa mujibu wa Qur'ani
- (D) Mtume (saw) alikua akisoma Qur'an kila wakati
- (E) Huwezi kufuata Qur'an bila sunna ya Mtume (saw)

Vii. Mzee machanku ni mlevi sana kijijini kwake. watoto wake wanakosa huduma muhimu kama vile mavazi chakula na hata malazi na kubwa Zaidi wanafukuzwa shule kwa kukosa ada .kwakutumia nukta muhimu za EDK katika sharia yakislamu mzee machanku anastahili;

- (A) Kuchapwa viboko miamoja
- (B) Kuchapwa viboko themanini
- (C) Kuchapwa viboko hamsini / /
- (D) Kuchapwa viboko arobaini
- (E) Kuchapwa viboko sita na mkuu wa shule au chuo jirani

Viii. Katika mji wa sangudi umetokea msiba wa motto aliyefariki mara tu baada ya kuzaliwa. Katika harakati za kumfanyia mambo ya kisheria umepigiwa simu kubainisha sifa ya sanda yake kati ya hizi zifuatazo:

- (A) Ni sawa na sanda ya mtu mzima (B) ni sawa na sanda ya mtu yeyote
- (c) ni sawa na sanda ya kiume (D) ni sawa na sanda ya kike (E) hastahili sanda ni kichanga / /

IX. Muelekeze Juma namna ya kufunga swaumu ya kafara anayotakiwa kuifunga baada ya makubaliano yenu na mwalimu juu ya kuja kusoma masomo ya ziada siku ya jumamosi asubuhi hadi saa sita mchana

- (A) Atafunga siku tatu mfululizo
- (B) Atafunga miezi miwili
- (C) Atafunga miezi miwili mfululizo / /
- (D) Atafunga siku tatu
- (E) Atafunga siku moja

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X. Bi aisha katika ndoa yake anachangamoto mbalimbali zinazomfanya atalikiane na mume wake kwani wamefanya suluhu na vikao mbalimbali lakini imeshindikana. daktari amethibitisha kwamba Bi aisha ana mimba ya miezi mitatu naye Bi aisha amesema kuwa hajaona ada yake miezi miwili nyuma. huku yake itakuwaje

- (A) Eda ni miezi minne na siku kumi tu
 (B) Eda ni tohara tatu tu
 (C) Eda ni mpaka ukomo wa mimba yake tu
 (D) Eda ni mpaka atakapomaliza kunyonyesha tu / /
 (E) Eda ni miezi sita tu

2. Oanisha tafsiri za kifiq-hi katika orodha A na istilahi zilizopo katika orodha B kama zinavyo tumika katika ibada ya swala.

Orodha A		Orodha B
i	Usafi wa roho mwili na mavazi	A. Istisq-aa B. Hadathi C. Istikhara D. Tayammam E. Mut-laq F. Al-khusuuf G. Twahara H. Najisi I. Nguzo (faradhi)zaudhu
ii	Swala ya kupatwa kwa jua au mwezi	
iii	Maji yanayo faa kujitwaharisha yaliyo katika asili yake bila kubadili rangi, ladha,wala harufu	
iv	Swala ya kuomba ushauri kwa Allah (sw)	
v	Swala ya kuomba mvua	
vi	Uchafu wa kihalali (kinafsi) usiomruhusu mtu kuswali au kutufuKa'aba	

SEHEMU B(ALAMA 54). Jibu maswali yote

3. (a) Zakat ni muhimu sana katika ustawi wa jamii ya kiislamu. Kuna baadhi ya wanajamii hawaoni kama kuna umuhimu wowote wa kutoa zakat. Wewe kama muhitimu wa somo la elimu ya dini ya kiislamu tumia ujuzi wa somo hilo kuwaeleza watu umuhimu wa kutoa zakat katika jamii.
- (b) Bainisha muda unaofaa kutoa zakat
- (c) Watu wengi katika jamii wanatoa zakat baada ya kufahamishwa malengo yake lakini bado masikini, wasafiri na hata wenye madeni makubwa ya halali hawajapata faraja yoyote. Mweleze Imamu wa msikiti wa Ijumaa awaeleze waumini wake masharti ya utoaji wa zaka ili lengo lake lipatikane (hoja nne kuntu)

4. (a) Kwa kutumia hoja mbili waeleze waislamu wanaodai kuchukuana kati ya mwanaume na mwanamke ili kusomana tabia, hata hivo wengi wao hawajui kama ni makosa na kudai utaratibu haufahamiki, wewe kama mtaalamu wa dini ya kiislamu wafahamishe taratibu wanazotakiwa kufuata ili wafunge ndoa kiislamu.
- (b) Toa tofauti tatu zilizopo kati ya quran na vitabu vingine vya mwenyezi mungu
- (c) Fafanua kwa nini mwanamke wa kiislamu haruhusiwi kuolewa na mwanamme zaidi ya mmoja
5. (a) Kwa kutoa hoja nne waeleze waislamu maana halisi ya kumuamini mwenyezimungu (s.w) .
- (b) Eleza kwa mukhtasari wajibu wa wazazi/walezi kwa vijana wao ili waweze kuwa makhalifa wa Allah (sw) hapa duniani .
6. (a) Linganisha makosa matatu ya watu wa lut (a.s) na yanayofanywa na watu zama hizi
- (b) Kanusha kwa hoja tatu kauli inayosema hakuna faida yoyote kuanza jambo kwa Bismillahir-Rahmanir -Rahiim
7. a) Ainisha miujiza minne ya nabii Issa (a.s)
- (b) Eleza wazi mafunzo matatu unayopata kutokana na historia ya nabii huyo
- (c) baada ya kuhitimu mafunzo ya elimu ya dini ya kiislamu umegundua kuwa kuna tofauti kubwa kati ya Qur,an na hadith. Bainisha kwa kutoa hoja nne.
8. Swala ya ijumaa ni faradhi kwa waislamu wote wa kiume waliobalehe na wasio na udhuru
- (a) Taja waislamu wasiolazimika kuswali swala ya ijumaa taja watano
- (b) Fafanua sifa za imamu ili aongoze swala ya ijumaa (taja nne tu)
- (c) Fafanua lengo la kuumbwa mwanadanu (1) na lengo kuumbwa ulimwengu na vyote vilivyomo (1)

SEHEMU C (ALAMA 30).Jibu maswali mawili tu.

9. Wapo waislamu wanaosema swala za sunnah sio lazima na wapo wanaosema ni lazima ziswaliwe,wewe kama msomi wa elimu ya dini ya kiislamu waeleze waislamu sunnah sita za udhu katika uislamu.
- 10.Mtume (s.a.w) alifanya hija ya kuaga kwa kuwahutubia waislamu kwa kuwakumbusha wajibu wao na majukumu yao katika jamii.Bainisha mafunzo matano tuyapatayo waislamu wa leo kutokana na hija hiyo ya kuaga ya mtume (s.a.w)
- 11.Kutokana na mambo ya msingi aliyoyafanya mtume (s.a.w) katika kuanzisha dola ya kiislamu madinah,waislamu wa zama za leo wanalo la kujifunza.Thibitisha kauli hii kwa kutoa hoja sita.

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