



UCE MOCKS ITEM POOL

CHEMISTRY PAPER 1

MODULE 1: NATURAL RESOURCES

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FROM.....

- WAKISHA Joint Mock Examination 2024
- UTEC Mock Examination 2024
- UNNASE Joint Mock Examination 2024
- STEM Academic Board 2024
- ASSHU Bushenyi District Mock Examinations 2024
- Tororo Archdiocese Examination Board
- SISEB Mock Examinations ©2024
- SHURE Mock Examinations 2024
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- ASSHU Ankole Joint Mock Examinations 2024
- ACEITEKA Joint Mock Examinations 2024
- UMTA Uganda Muslim Teachers' Association 2024
- Entebbe Joint Examination Bureau 2024



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Item 6: WAKISHA Joint Mock Examination 2024

Some people living in rocky area are poor because crops cannot grow well. They have decided to relocate to another area but the area Member of Parliament (MP) has organized a sensitization workshop on the other ways they could make use of the rocks.

Task

As a chemistry student, you have been selected to advise the people of the area. Make a write up you would present to the people.



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Item 6: UTEC Mock Examination 2024

In the village of Nkondo which is on lake shores in Kamuli District, people are found washing near the lake, practicing agriculture and setting up industries. They are now facing with a challenge of low water quality. The chairperson of Nkondo village has organized an emergency meeting with a theme "WATER CONSERVATION IS EVERYONE RESPONSIBILITY"

Task:

As a chemistry learner who is a member of the village make a write up about the theme that you will present in the village meeting upon invitation.



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Item 5: UTEC Mock Examination 2024

People have encroached on wetlands in search for land for settlement and setting up industries. This has caused major problems to the country and prompted government to come up with a campaign to conserve the wetland. Your school has been selected to champion this campaign in the district.

Task:

As a member of the campaign team in your school, make a write up of the message you will be presenting to people when you are called upon.



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ITEM 5. UNNASE Joint Mock Examination 2024

Uganda is blessed with rocks and minerals. However, their exploitation is causing more harm than good to the environment. The government wants to raise public awareness about this issue through school debating competitions on the theme; "EXPLOIT NATURAL RESOURCES RESPONSIBLY"

Task:

Write down the chemistry information which can be extended to the public in these debates.



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ITEM 6. UNNASE Joint Mock Examination 2024

The government plans to build a new oil refinery in the Kadam-Moroto Basin to exploit the natural resource and reduce on fuel prices. However, there is need to educate local residents about the natural resource, its environmental impact and importance first.

The science club at your school has volunteered to do the sensitisation during holidays.

TASK:

Write the chemistry you would need to pass over to the residents.



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Item 5: STEM Academic Board 2024

The scenic beauty of Uganda's rocky landscapes attracts tourists but also but also sparks concern about environmental degradation as a result of human activities such as stone quarrying which release chemicals and dust in air and water. Many communities have failed to find a balance between enjoying the benefits and the environmental impacts.

Task

As a learner of chemistry, make a write up of a beneficial message to the community.



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Item 6: STEM Academic Board 2024

Jack is an esteemed business man dealing in charcoal burning. Despite it being his main source of income, complaints have been raised from the residents being affected by the fumes and also the environment experts on the dangers created to the environment and the challenges that are likely to happen.

Task:

Advise Jack on the best solution in order to live in harmony with his neighbours.



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Item 5. ASSHU Bushenyi District Mock Examinations 2024

The collapse of Masaka high way in Busega was attributed to the heavy rainfall that led to flooding, weakening the road foundation. Additionally, the many human activities taking place in the swamp surrounding it such as industrialization and human settlement contributed to its shallowing hence erosion.

The environmental experts have embarked on the sensitizing the community with the goal of finding a solution to the current challenges and those likely to occur.

Task

As a learner of chemistry, make a write up of your expectation in the meeting.



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Item 5: SISEB Mock Examinations ©2024

Kisoro rocky hills in southwestern Uganda depend on stone quarrying as a primary source of livelihood. However, extensive quarrying has resulted into seasonal changes, water shortage, and reduced air quality and water contamination.

Basing on this background, the government wants to make a sensitization about the issue

Task

As a chemistry student, write a message that the government would use in the sensitization



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Item 5: SHURE Mock Examinations 2024

Lake Victoria has been encroached due to increasing population. National Environmental Management Authority (NEMA), wishes to raise public awareness among Ugandans on the matter.

The science club at your school has selected you to give a presentation on the occasion. On theme "SAVE WATER BODIES"

Task:

As chemistry student, write a message you will deliver upon invitation.



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Item 4. ASSHU Bushenyi District Mock Examinations 2024

With the increasing demand of charcoal and fire wood among the residents of Mpigi district, a large part of Mpanga forest was cleared. Consequently, the area started experiencing little rainfall and flooding. This has attracted the attention of the district chairman and thus organized sensitization workshops to address the challenges in the community.

Your school has been invited and you have been selected as the among the speakers since you have enough chemistry knowledge.

Task

As a learner of chemistry make a write up of what you expect to be delivered in the meeting.



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Item 6. Tororo Archdiocese Examination Board

Mabira Forest in Uganda has provided yet another most recent economic activity. Felling trees (cutting down of trees) for burning charcoal!. Deforestation for sustenance is illegal / a vice that needs quick condemnation. Although the name practice above is bad and must be protested, many are able to gain income and provide for their families as they continuously gain profit.

TASK

As a young scientist who has loved nature and who prefers to conserve environment, prepare a report that you would share with the fellers in Mabira, about other carbon-based fuel that they can resort to other than charcoal burning.

NB: In your report, talk about dangers related to burning of charcoal/ dangers associated with deforestation.



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Item 6: SISEB Mock Examinations ©2024

Due to increased industrialization and settlement in towns, there has been an increased destruction of natural resources and this has attracted attention from National Environment and Management Authority (NEMA). There is a plan to make a sensitization countrywide.

Task

As a chemistry student, make a write up to sensitize your community about the matter



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Item 6: SHURE Mock Examinations 2024

Natural resources have been over exploited which has led to environmental degradation due to increasing population and human activities as bush burning and charcoal burning. This has attracted the attention of the environmental awareness club in your school and National Environmental Management Authority officials at large.

The club and the officials are planning to sensitize the entire student community in the school on an assembly. You have been appointed on the behalf of senior four students to address an assembly.

Task:

As a student of chemistry, prepare a write up you will deliver during that time.



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Item 5. ASSEC

Acholi Secondary Schools Examination Committee

Charcoal is a fuel used in most homes throughout the country. The Uganda parliamentary caucus environment is however always against the business basing on how charcoal is made and its effects on the environment. This has attracted attention of officials of National Environment Management Authority (NEMA), one of the government Agency. The officials are planning to create an awareness to the people of the country through sensitization workshops organized in different districts in Northern Uganda.

Task:

As a chemistry learner, prepare a short presentation you will deliver during the workshop upon invitation.



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ITEM 6: ERETA Education Consult LTD Joint Mocks 2024

People of Bigombe village in Jinja district for the last three years have been practicing charcoal burning in the forests and swamp reclamation. This is done in an effort to carryout animal husbandry. crop husbandry and also have land for settlement. Recently the National Environment Management Authority (NEMA) has given an order to stop all the practices taking place so as to avoid the negative impact on the environment.

A sensitization workshop is to be organized to explain the existing situation in the village. The theme of the work shop is MY ENVIRONMENT MY RESPONSIBILITY.

TASK

As chemistry student, write a message you will deliver upon invitation.



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Item 6: MEBU Examinations Consult 2024

Kagulu village in Buyende district is developing at a faster rate. Many of the recently existing swamps and forests are now filled with buildings. Stone quarrying is the order of the day among most the locals in the village. Recently the wells have started drying up and yet the little water available is not fresh. The few residents that practice crop husbandry also say that seasons have changed and this has caused famine in the area. All these happenings have left many of the residents wondering.

A sensitization workshop is to be organized in the district by the government through National Environment Management Authority (NEMA).

Task;

As chemistry learner, prepare a brief presentation you will deliver upon invitation.



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Item 6: Masaka Diocesan Examination Board 2024

Fresh water bodies like lakes and rivers have been heavily encroached on as a result of rapid urbanization. On World Environment Day, the Ugandan government, particularly the National Environmental Management Authority (NEMA), wishes to raise public awareness among the citizens.

The science club at your school has selected you to give a presentation on the theme "fresh water is a basic necessity".

Task

Write the presentation you can use.



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Item 6. ASSEC

Acholi Secondary Schools Examination Committee

Fresh water bodies like lakes and rivers have been heavily encroached on as a result of increasing Uganda's population. Many people have cleared all the vegetation around the lakes to set up buildings and beaches. Many industries are dumping their waste products in these water bodies. Fishermen are on the other hand using poor method of fishing ending up killing other species in the water. On this year's World Environment Day, the science club in your school wishes to raise public awareness among the entire student's community on the matter.

Task: The science club at your school has selected you to give a presentation on that day following the theme "SAVE OUR WATER BODIES"



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Item 5: ERETA Education Consult LTD Joint Mocks 2024

In Uganda there are many mineral reserves and rocks. Due to the rapid population growth, their exploitation is causing proportional environmental degradation. The government through media houses wants to make public awareness on the matter.

Your school has been chosen to lead the environmental conservation campaign in your district. You have been chosen to present one of the radio talk shows trusting your chemistry knowledge.

TASK

As a chemistry student, prepare a short presentation you will deliver during the talk show.



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Item 5: MEBU Examinations Consult 2024

People of Kigaragara village in Isingiro district can easily cross into Tanzania for charcoal business. Due to increase in population of this district, many natural forests have been cleared to provide charcoal for use as fuel and natural swamps have been reclaimed to create space for settlement. These happenings have left the district officials wondering. As a result, the government through the district officials is planning to create awareness to the people in Isingiro District through sensitization workshops organized in different villages.

Task;

As a chemistry learner, prepare a short presentation that you will deliver during the workshop when invited.



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Item 5: Masaka Diocesan Examination Board 2024

It has been observed that there are more people suffering from asthma and other respiratory diseases in densely populated towns and cities due to pollution by a number of activities but the community does not know what to do.

NEMA has organized a workshop on the theme "improving the quality of urban environment is every body's responsibility".

Your school has been invited to make to make a presentation in the workshop and you have been chosen as the presenter.

TASK:

Prepare a message to be delivered.



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Item 5: KAMTEC Examinations Board

In Hima village, Kasese District, most people survive on charcoal burning, animal husbandry, crop husbandry, stone quarrying among others. Some have small mills to process rice, maize, millet among others. Currently the crops are drying up, animals are dying, and wells are drying up.

Yet the little water that is available is also not fresh. These happenings have left many of the villages wondering why.

A sensitisation workshop is to be organised to explain the existing situation in the village. The theme for the workshop is "BECOME PART OF YOUR ENVIROMENT"

Task:

As a learner of chemistry, prepare a message you will deliver during the meeting upon invitation.



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Item 6: KAMSSA Joint Mocks Examinations 2024

Uganda has substantial natural resources including forests, lakes and rivers, rocks, mineral deposits such as copper, limestone and gold. Due to the increasing population and human activities the resources are being exploited which has led to environmental degradation. The world life club is planning to create awareness to the people around the school through a sensitization workshop organized by the chairperson L.C.3

Task

As a chemistry student, prepare a presentation you will deliver during the workshop upon invitation.



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Item 5: Jinja Joint Examinations Board 2024

The setup of crude oil mine in Hoima district resulted in displacing of residents to other places but the displaced people are still not contented. This has made the government to intervene.

The government is planning to sensitize the residents through workshops in the district.

Task:

As a chemistry student prepare a short presentation you will deliver during the workshop upon invitation.



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Item 6: ASSHU Ankole Joint Mock Examinations 2024

Kayabwe village in Mpigi district is an area known for drum making. Since the process involves cutting down trees and also destruction of other natural resources in order to have a nice drum, the seasons are filled with heavy sunshine and little rain is received.

The environmental experts have started on the sensitization of community members in order to find a solution to the existing challenge.

Task.

Make a write up of your expectation in the meeting using the knowledge of chemistry.



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Item 6: KAMTEC Examinations Board 2024

River Kafu is located in western Uganda. People living around this river survive on sand mining, crop husbandry, animal husbandry and brick making. Of recent, the water levels have seriously reduced and sadly, even the little water available is polluted. The fish is dying. These existing situations have left the local authorities very worried. The town mayor has called for a workshop to sensitize the local community on the existing situations around the river. The theme of the workshop is "SAVE RIVER KAFU"

Task

As a Chemistry student, write a message you will deliver if you were invited for the workshop.



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Item 5: KAMSSA Joint Mocks Examinations 2024

Stone quarrying is one of the key extractive economic activity in Buntaba village in Buikwe district; supplying stones to the construction industry. People of this village for a long time practiced other economic activities like charcoal burning, crop and animal husbandry, yet the village is over populated. The environment has started experiencing environmental changes in the climate, soil erosion, poor air quality and the little water available is undrinkable. The locals are now wondering why all these are happening and some has started attributing it to witchcraft. The chairperson LC5 has organized a sensitization workshop to explain to the locals the existing situation. The theme of the workshop is MY ENVIRONMENT IS MY RESPONSIBILITY.

Task

As a chemistry student write a message you will deliver upon invitation.



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Item 6: Jinja Joint Examinations Board 2024

In Masese Division Jinja city some residents near the lake are involved in certain activities like raring animals, growing crops, distillation of ethanol and washing clothes from lake banks. Recently it has been discovered that the fish has started dying and people who use the water for bathing develop rashes. This has attracted the attention of officials of the ministry of health and have been invited for discussion to try and discover the causes of what is happening. A sensitization workshop is to be conducted to explain the existing situation in the area. The theme of the workshop is MY ENVIRONMENT MY RESIPONSIBILITY.

Task:

As a chemistry student, write a presentation.



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Item 5. ASSHU Ankole Joint Mock Examinations 2024

Mbarara city's rapid urbanization and industrialization have led to the contamination of River Rwizi's water. This has posed a significant risk to the city's water supply and bacterial contaminants which threaten health of livelihoods.

The city mayor together with NEMA officials have started on the sensitization through workshops organized in the different communities.

Your school has been invited since its part of the community and you have been selected to represent the school.

Task:

As a learner of chemistry, make a write up of the message you will deliver during the workshop.



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ITEM 6: ACEITEKA Joint Mock Examinations 2024

In Uganda, there are lots of valuable minerals and rocks, but their excessive mining is harming the environment. The government wants to raise awareness through media about this issue. Your school is one chosen to lead the sensitization campaign in your district with the theme:

"THE IMPACT OF MINERAL MINING."

As a chemistry student, you are chosen to talk about it on a radio show, using simple chemistry terms.

TASK.

write down the information which can be conveyed.



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Item 5: UMTA Uganda Muslim Teachers' Association 2024

People in your area cut down trees for timber, charcoal and firewood production.

Task:

As a student of Chemistry explain to them the likely outcomes of these activities



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Item 5: Entebbe Joint Examination Bureau 2024

With the increasing demand of charcoal and firewood among the residents of Mpigi district, a large part of Mpanga forest was cleared. Consequently, the area started experiencing little rainfall and flooding. This has attracted the attention of the district chairman and thus organized sensitization workshops to address the challenges in the community. Your school has been invited and you have been selected among the speakers with enough knowledge of chemistry knowledge.

Task

As a learner of chemistry make a write up of what you expect to be delivered in the meeting.



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ITEM5: ACEITEKA Joint Mock Examinations 2024

The National Environmental Management Authority (NEMA) in Uganda is gearing up to sensitize citizens about the importance of conserving natural resources, particularly focusing on the impact of human activities on fossil fuels, in honor of World Environment Day.

As a science student in secondary school, you've been given the role of organizing a special assembly to educate the fellow students about the significance of fossil fuels and the importance of their conservation.

TASK

As a chemistry student, write a relevant speech you will use on the assembly.



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Item 6: UMTA Uganda Muslim Teachers' Association 2024

The local leaders in your area have okayed an investor to put a sulphuric acid manufacturing plant in a swamp and the local community is opposed to this idea.

Task:

As a student of chemistry help the investor and the local community come to consensus.



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Item 6: Entebbe Joint Examination Bureau 2024

The collapse of Masaka Highway in Busega was attributed to the heavy rainfall that led to flooding, weakening the road foundation. Additionally, the many human activities taking place in the swamp surrounding it such as industrialization and human settlement contributed to its shallowing hence erosion.

The environmental experts have embarked on the sensitizing the community with the goal of finding a solution to the current challenges and those likely to occur.

Task

As a learner of chemistry, make a write up of your expectations in the meeting.



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