

RANIGANT GIRL'S

COLLEGE

ENGLISH HONOURS SEMESTER-I

UNIVERSITY ROLL-NO = _____

UNIVERSITY REGISTRATION No :- 113211210273

YEAR= 2021-22 COLLEGE ROLL No :- 308

ENVIRONMENT

STUDIES

PROJECT



Raniganj Girls' College

Course Name: Environment Studies

Course Code: AEE101

Topic of the project: Air pollution in my locality

A Project Report

Submitted by Semester-I students (Academic Year 2021-22)

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SONIYA RAUT	KNU113211210030
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CERTIFICATE

This is to certify that this project titled “Air pollution in my locality” submitted by the students for the award of degree of B.A. Honours/ Program is a bonafide record of work carried out under my guidance and supervision.

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Place: Raniganj

Date: 18.03.2022



Assistant Professor, Department of Zoology

Signature of the supervisor with designation and department

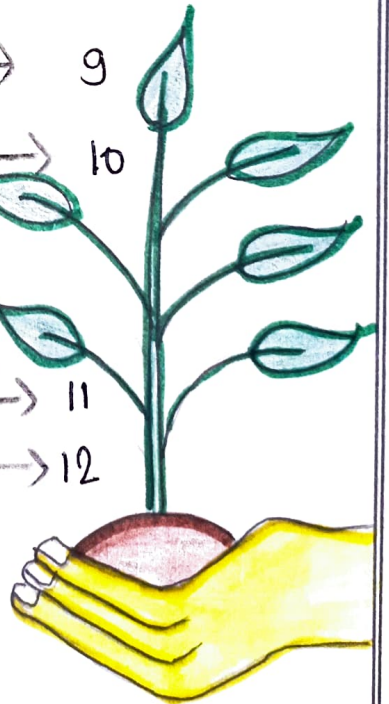
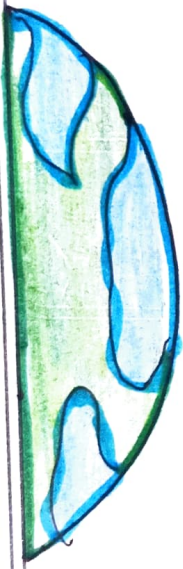
TOPIC

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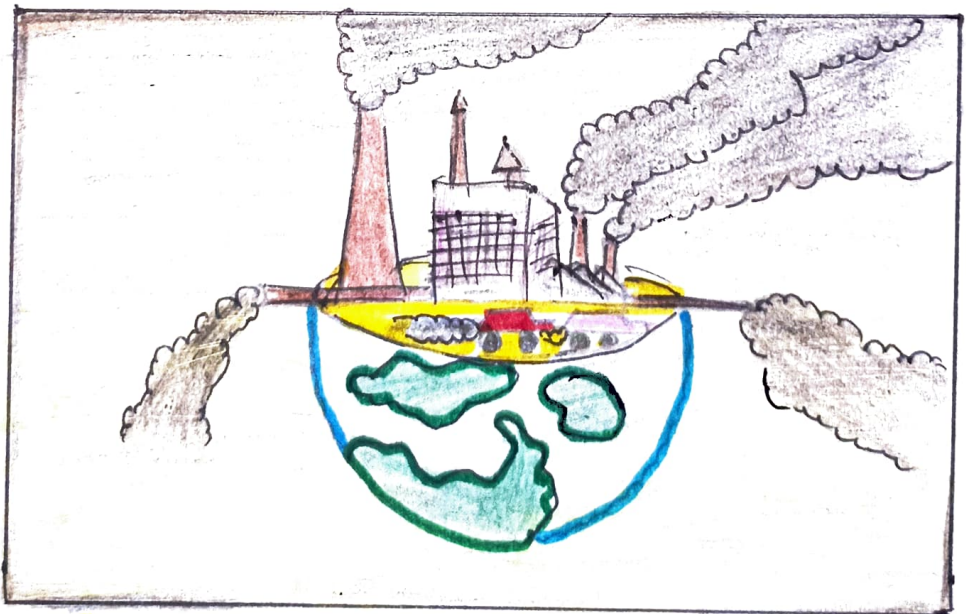
Air POLLUTION in

The area of

Kojora

And its

Qualitative Measurement



INTRODUCTION

Nowadays, the technology is rocketing. Therefore, the environment is changing faster by many advanced technologies. However, as many nations are developing, air pollution is quickly becoming one of the world's major environment problems. Air pollution is the presence of toxic chemical, or biological molecules into earth's atmosphere which have harmful and poisonous effects. That cause makes the fresh air become huge damage of pollution, and it also affects health body. and the damage to living organisms. How can people imagine that we will live with the toxic environment that is the one that people make? we should learn to protect the environment and understand the way to learn prevent the issue to the atmosphere.

Two types of air pollution :-

- i. Primary pollution
- ii. Secondary pollution

Causes of air Pollution

Burning of Fossil Fuels

The Combustion of fossil fuels emits a large amount of sulphur dioxide. Carbon monoxide released by incomplete Combustion of fossil fuels also results in air pollution.



Mining Activities

In the mining process the minerals below the earth are extracted using large pieces of equipment. The dust and chemicals released during the process and only pollute the air, but also deteriorate the health of the workers and people living in the nearby areas.



Factories and Industries

Factories and Industries are the main source of Carbon monoxide, organic Compounds, hydrocarbons and chemicals. These are released into the air, degrading its quality.

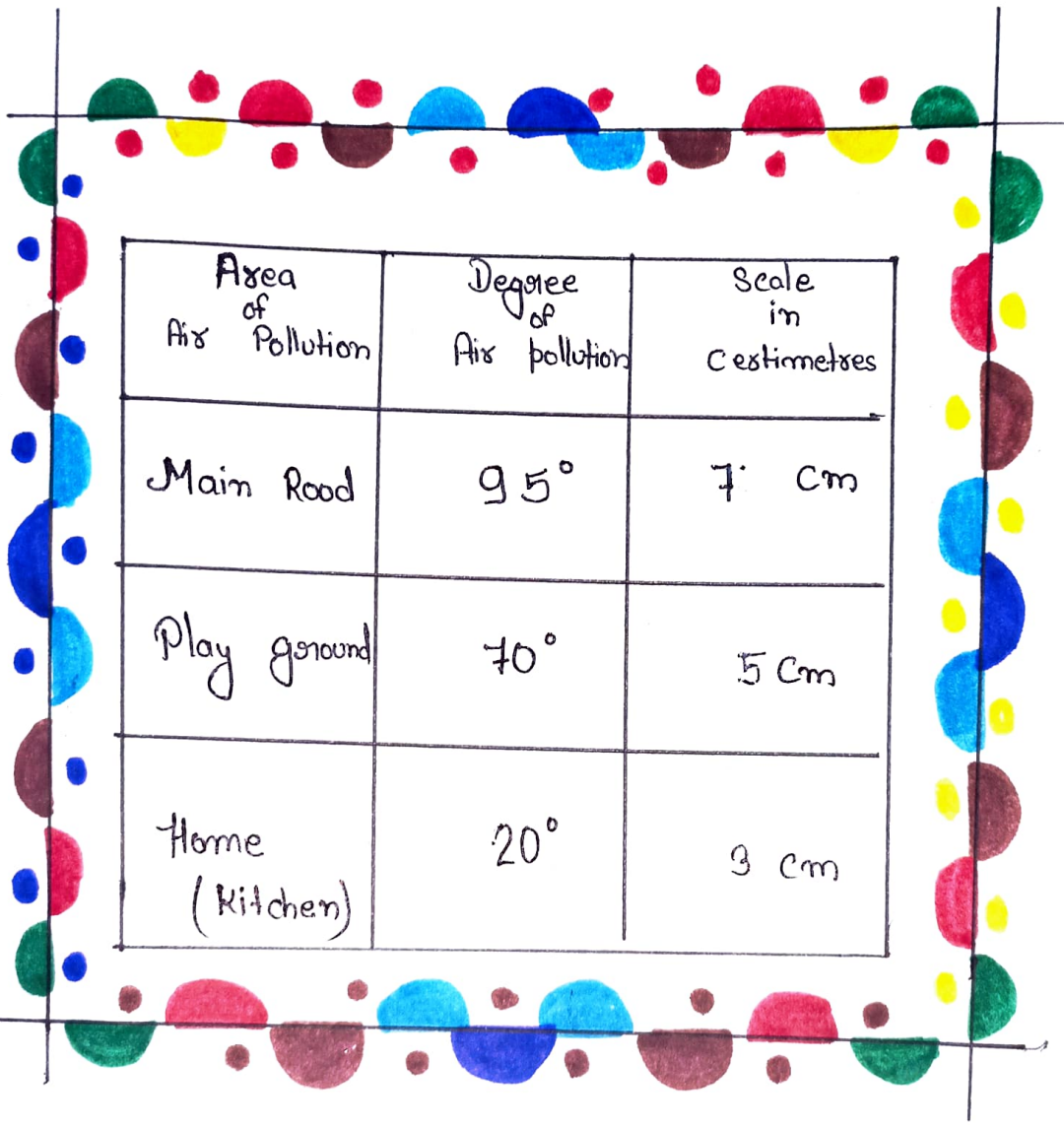


OBJECTIVES



- Our objectives for doing this project is to express our disapproval of air pollution as it has been the biggest causes of global warming.
- Environmental pollution influences both soil and agriculture which are the two faces of valuable resource necessary for our sustenance.
- Air pollution is also destroying the Ozone Layer and of animals thus we want to reduce it.
- At last we think that by doing a Campaign. we can aware people of the cons of air pollution and tell them what they can do to stop it.

Data Table of air pollution in our locality



Area of Air Pollution	Degree of Air pollution	Scale in Centimetres
Main Road	95°	7 cm
Play ground	70°	5 cm
Home (Kitchen)	20°	3 cm

An Easy Way to See and Measure



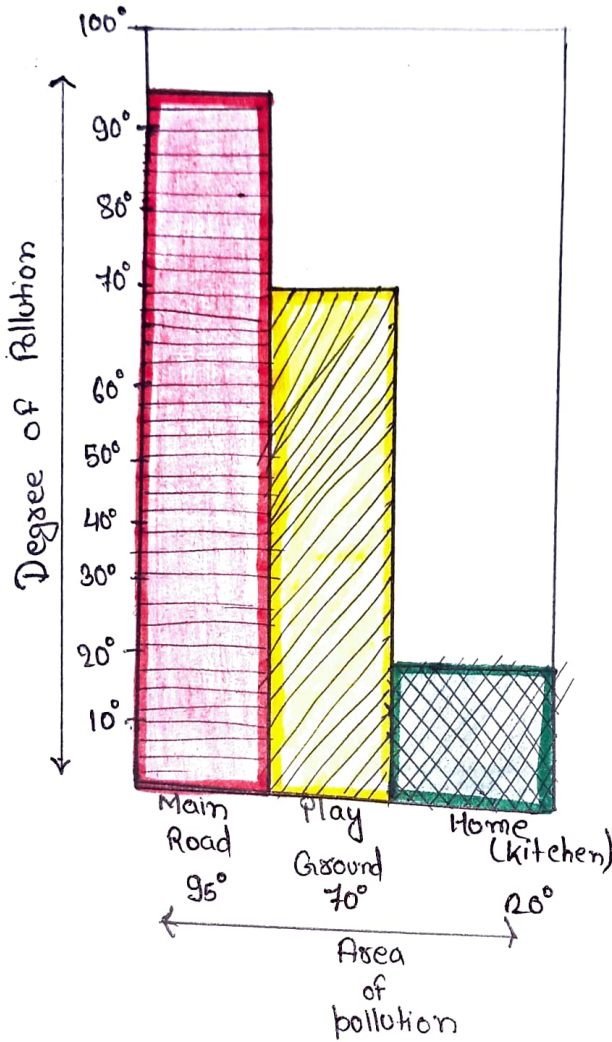
Air pollution is a mixture of solid particles and gases in the air. Car emissions, chemicals from factories, dust, pollen and mold spores may be suspended particles.

■ Today I do air pollution experiment. So, I need some necessary things as

- i. Three paper plate
- ii. Vaseline
- iii. Three long tape

★ At first I do two holes in one paper plate. Similarly four holes make in other two paper plate. Then take a long tape hole in those plate. After this the front side of this three plate apply the vaseline in whole of the front side in those paper plate. Then we need find a place where you can take and also catch the pollution. I think that this project must be done at near our main hood play ground and home.

Diagrammatic Representation of Degree of Pollution



Scale

Vertical scale -
1cm 10°

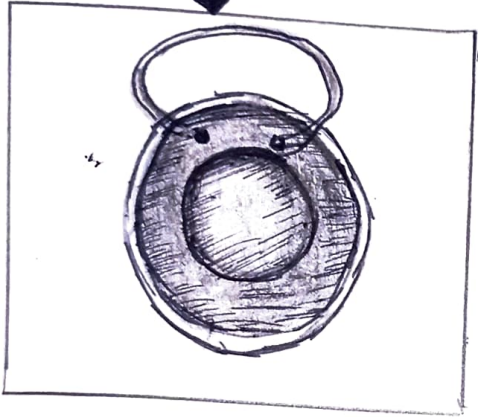
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-  → Main road
-  → Play ground
-  → Home (Kitchen)

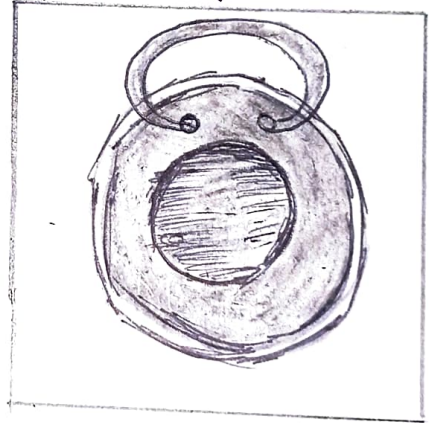
Air Pollution in

Different Places :-

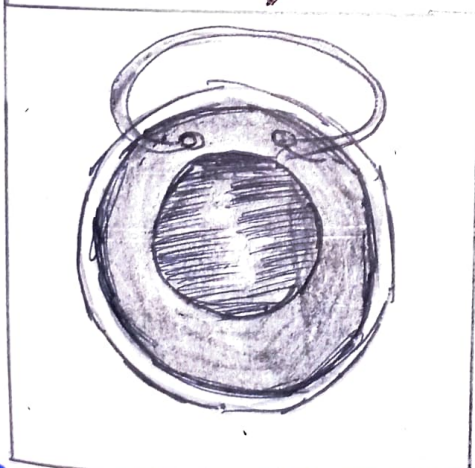
Main Road



Play Ground



Home
(Kitchen)



INTERPRETATION

The area we live is full of greenery so air pollution level is not the matter of thought to us. where air pollution is mainly found are

- i) Main roads.
- ii) Play ground
- iii) Home (Kitchen)

□ As per my survey on vehicles the pollution level of those places are as following

- | | |
|---------------------|----------------|
| i) Main road | 95° (Greatest) |
| ii) Play ground | 70° |
| iii) Home (Kitchen) | 20° (Lowest) |

□ As per my survey the place where I live has a lot of traffic on the main road and some factories manufacturing up on both sides of the main road resulting in high pollution levels on the road by green trees and the field is a bit away from the main road so the amount of pollution from the main road here is a bit less. There are a number of trees in the home and my home is far from the main road so the level of pollution in the home is

low

CONCLUSION OR INFERENCE

Air pollution is a major environment issue. It can affect the health and life support systems as well. Since clear air is an essential factor of life for respiration, it is necessary to prevent the sources of air pollution.

Air pollution is often the most obvious and wide spread type of pollution.

We have made encouraging progress in controlling air pollution, progress that has economic benefits as well as health benefits.

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Date :- 15.3.2022

Signature of student
Sweta Pasi

Examined
18-03-22