

Topic 195	Pollution is a very serious problem today. What level of pollution should we tolerate? Discuss examples of the different types of pollution.
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1. Brainstorming
<p>air pollution</p> <p>water pollution</p>
2. Outlining
<ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> - industrial revolution : advantage - disadvantage of technology : pollution - Opinion : air, radioactive, submarine • Body <ol style="list-style-type: none"> 1. air pollution <ul style="list-style-type: none"> - natural air pollution : dust wind - human activity -> accelerate - ex : car emissions, factories 2. radiation <ul style="list-style-type: none"> - management, protection - radiation : scatter -> decimate - ex : Fuku Shima nuclear power plant explosion 3. submarine <ul style="list-style-type: none"> - throw trash -> water quality decrease - population decrease -> biodiversity decrease • Conclusion <ul style="list-style-type: none"> - by any means -> solve problems

3. Essay Writing

When talking about historical feat of industrial revolutions, people tend to mention about and praise for the massive development of technology. It served as a crucial turning point, which put the history into division between archaic and sophisticated civilization. It was also a precursor of a massive change in the other aspect, though, which may have denoted a demise of the modern civilization one day in the future. Contamination of the nature and the entire planet would be the main cause, with a variety of types. From my perspective, the humanity will undergo such pollution as atmospheric, radioactive, and that in seawater.

First and foremost, it is an initial task for the humanity to cope with pollution of the atmosphere involving micro particles. A number of factors are intermingled to make this issue as an increasingly perilous nuisance for the humanity. The original dust pollution, which is caused by wind accompanying a heap of dust from arid regions, has been endurable for the humanity since it is a naturally occurring process. The humanity's stride to convenience, however, made this no more valid. Major contributions to this have been among humans' activities and habits during their daily lives. To exemplify, cars are prevalent as daily necessities in the modern world, and the emissions from each car negatively affects the atmosphere at a great degree. They have also appeared as industrial factors, which spurred emergence of factories as the only type of facilities for mass-production of goods, radiating a great deal of harmful particles into the air. This highlights the severity of air pollution that the humanity have confronted with.

Second of all, the risk of ionizing radiation is a predestined threat that will eventually attack the humanity. As an attempt to reduce carbon emission, a number of countries initiated their settlement in the field of nuclear power. In spite of their great productive qualities, nuclear power plants require rigid managements and strong protection from external threats that destroy the facilities. Otherwise, their explosion will accompany ionizing radiations scattering in all possible directions, which are extremely lethal for health of humans and all other organisms. This tragic event has unfortunately occurred a lot throughout the history, leaving the entire mankind in jeopardy of the nuclear contamination. The best illustration of this is a nuclear power plant explosion occurred in FukuShima in 2011. It was exposed to a catastrophic tsunami with a scale of nearly 9.0, without sufficient protection of the facility. As a result, peripheral residences became barren on the spot, and inhabitants there immediately died or suffered from extreme physical pain before death. This sheds light on the

fact that the humanity is actually in proximity to radioactive pollution.

Last but not least, water pollution is also one of the most urgent problems for the humanity to deal with. Huge amount of daily trash, particularly plastic bottles, beverage cans, and plastic covers, are continuously plunged into the ocean. This has constantly lowered the water quality, resulting in deaths of many submarine life beings. Population of each submarine species have decreased, which in turn diminishes submarine biodiversity.

In a nutshell, the entire planet is preordained to tolerate air, radioactive, and submarine contamination. By any means, these issues must be resolved before the planet reaches unrecoverable level of pollution, and pursue sustainable lifestyle, so that the civilization can guarantee their subsistence in the future.

4. Speaking

1. air pollution

- car emission
- factories

2. radioactive

- Fuku Shima : kill a lot of people