

Topic: In search of livelihood, we have polluted our life

Outline

A. Introduction

B. We Became Catalysts to Pollution in our lives; A Brief Overview

- i. Industrial revolutions
- ii. High rate of emissions of toxic chemicals

C. How We have Polluted Our Lives

1. Unregulated emission of CO_2

- i. Pakistan ranked 138th in CO_2 emission

2. Emission of toxic chemicals through mobile sources causing smog

- i. New Delhi and Lahore highly affected

3. Release of toxic materials in mining areas

4. High scale of Deforestation

- i. 10 million hectares of forest were cut down each year

5. Release of nuclear waste in water bodies

i. Thousands of fish died on the northern coast of Japan

6. Release of domestic sewage in water bodies

i. Only 8% of domestic sewage is treated

7. Runoff of industrial waste into water bodies without treatment

i. 1% of industrial waste is treated

D. What are the Consequences of Increasing Pollution

1. Increasing health diseases

i. Smog causing cancer and breathing problems

ii. Life expectancy decreased in Lahore for about 7 years

2. Intake of toxic chemicals through vegetables and fruits

3. High rate of solid waste causing pollution
4. Thermal and marine pollution
 - i. Release of hot water from industries
 - ii. Discharge of oil from ships

E. How can We alleviate pollution from our lives

1. Use of renewable energy sources instead of hydrocarbons
 - i. Installation of solar and wind power plants
2. Source control of waste
 - i- Use of filters
3. Chemical treatment of water and mass scale growth of bacteria

F. Conclusion

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