

Q8 Discuss the reasons of environmental degradation in Pakistan and suggest remedial measures for sustainable environmental rehabilitation.

1. Introduction

There are Multiple reasons of environment in Pakistan like excessive urbanization, unplanned industrialized zones, illegal overburdening population. To control environment degradation, Pakistan has several sustainable measures like implementation of Environmental Assessment, adopted sustainable development code and also create environment tribunal to deal with environmental issues.

2. Reasons of Environment Degradation in Pakistan

A. Unplanned Urbanization

Local governments are giving permission to builders and construction industries without any check and balance, due to which contractors are building colonies and societies in an on the cities that degrade environment. Just like, Islamabad has witnessed unplanned urbanization due to which it faces hail storm.

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In 2010, there used to be 23000 approximately cars in Islamabad. Currently these vehicles are increased to 310,000 in Islamabad, highlighting the unplanned urbanization in just 15 years.

-The Express Tribune

B. Illegal construction on the sites

Without any environment assessment, authorities grant permission to create new construction projects, that not only disturb human environment but also adversely impact to the animals.

Examples of
illegal
construction

Lakeview society in Lahore

Bahria Town in Karachi

C. Excessive use of fertilizers and chemicals

Run off fertilizers and chemicals in water body disturb aquatic life. Moreover when water is vaporized through hydrological cycle, chemicals and fertilizers also vaporized with it, owing to this when acid rain fall occurs and land and ^{pollution} plant life occurs and plant life is disturb.

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"1650 tonnes of chemicals
was found in water bodies
after floods in the Hyderabad."
Institute of Agricultural Research

D. Population Explosion

The rate population is rising
in Pakistan at exponential rate, due to
early marriages and unplanned family
growth, due to which more waste is generated
that disturbs environment.

"Around 12.7 million children
are born each in Pakistan."
World Health Organization

E. Excessive reliance on fossil fuels

Pakistan economy and households
are heavily dependent on fossil fuels
because of cost effectiveness. The burning
of fossil fuels pollutes air, this environment
get pollutes and degrades.

"Electric
Pakistan Economy generation
is dependent on fossil fuel
by 65.1%."
The Express Tribune

F. Unrestricted Deforestation

Deforestation is done to create infrastructure for human. But excessive deforestation without reforestation degrades environment. also it reduce forest cover.

"Pakistan's forest cover is reduced to 5.1% in 2023."

United Nations on Environment Protection

3. Sustainable measures for sustainable environmental rehabilitation

A. Effective Implementation of Environment Impact Assessment.

By this way, cost-benefit analysis of the environment can be done. When cost ~~excessed~~ ^{exceeds} benefits, then project must be notified as per environmental policy.

B. Focusing on Reforestation and Afforestation

Deforestation must be replaced reforestation and afforestation. by this way environment would be saved and protected.

"150,000 plantation drive by Edhi foundation in Karachi in 2024."

Edhi foundation Report

C. Switching to Electric Vehicles

Government should support individuals purchase Electric vehicles.

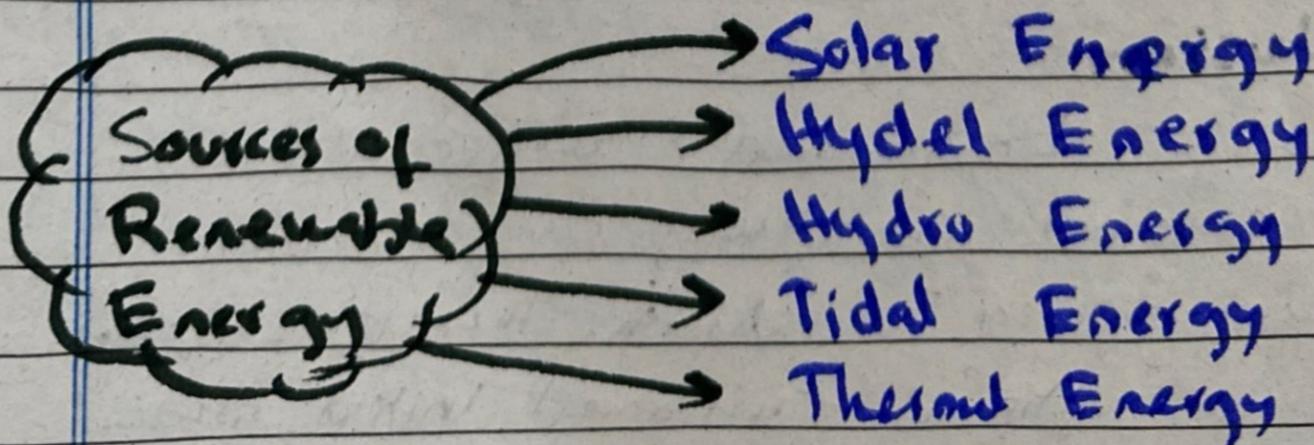
By this way harmful gases generated from car combustion will be reduced.

"BYD sold 1200+ Electric cars in Pakistan only in 2025."

BYD Annual Report.

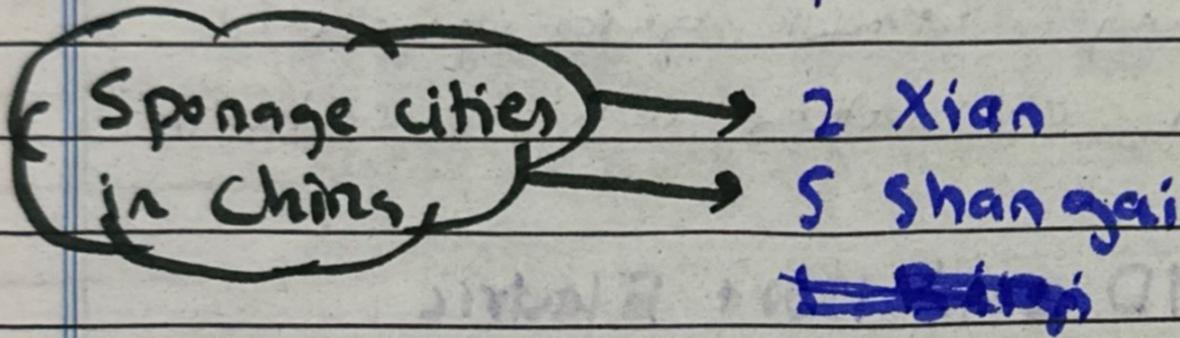
D. Moving towards renewable energy

Transformation must be done from the fossil fuel to renewable energy that is not only cost effective but also environment friendly. It can be generated through multiple sources.



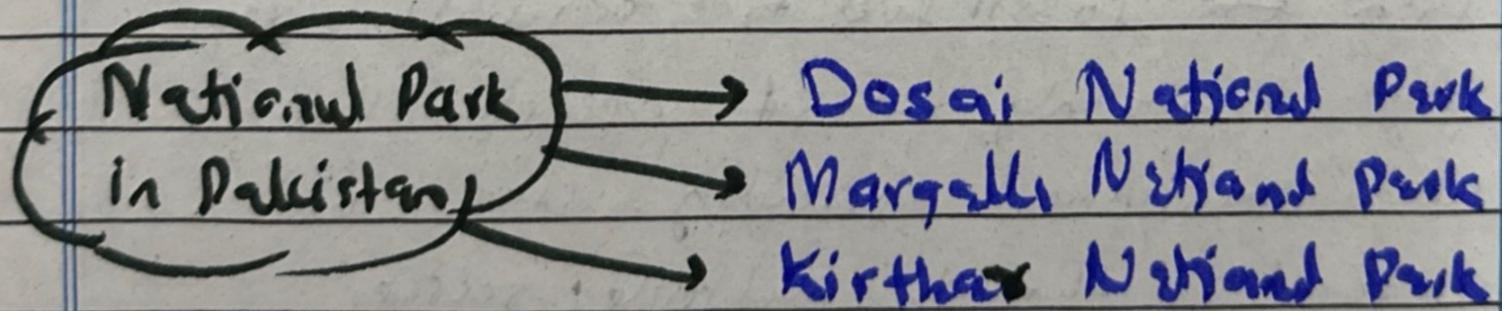
E. Introduce the Concept of Sponage cities

Sponage cities are cities based on renewable energy. They not only protect environment but also save individuals life from hazardous diseases. and sponage cities discourage and any ~~any~~ engine that produce lethal gases.



F. Creating more national Parks

National parks are areas where deforestation and creating waste is forbidden. When anyone is found to, they are charged with fined.



H Conclusion

Environmental degradation has cause several life-threatening concerns for every species in Pakistan. Therefore, government must implement environment initial assessment to protect environment.