

Environmental Science

Question #02

(Part a)

Industrial revolution paved the way towards socioeconomic progress in the world. How do you see the far reaching environmental consequences of industrial revolution?

Some far reaching environmental consequences of industrial revolution are as follows:

- 1- Air pollution
- 2- Water pollution
- 3- Routes trade
- 4- Land Pollution
- 5- Global warming
- 6- Noise pollution
- 7- Climate Change
- 8- Biodiversity loss
- 9- Deforestation
- 10- Eutrophication
- 11- Desertification

Industrial & Agricultural revolution have contributed towards social economic, political scientific development but due to these revolution the intensity and frequency of human interferences increase which further aggravated the risk of environmental degradation.

Question #5

(part a)

Explain the process of EIA and shed light on the importance of EIA

Process of EIA

1- Project Screening

Include general information, type, location, duration, cost etc.

2- Project Scoping

3- Baseline data collection

4- Identification of environmental effects on the basis of collected data

5- Impacts prediction

6- Mitigation measures

7- Public participation

8- Environmental monitoring (during the project)

9- Environmental Audit

Importance of EIA.

It help in

1- Pollution Control

2- to control / counter global warming

3- to manage climate change

4- to maintain or protect biodiversity

5- to promote environmental education

6- to achieve legal compliance

7- impacts identify

8- impacts prediction

9- solutions - offers