

Please do not write anything except the roll number in this space or इस स्थान में केवल संख्या के अंक लिखें।

12/10/2023

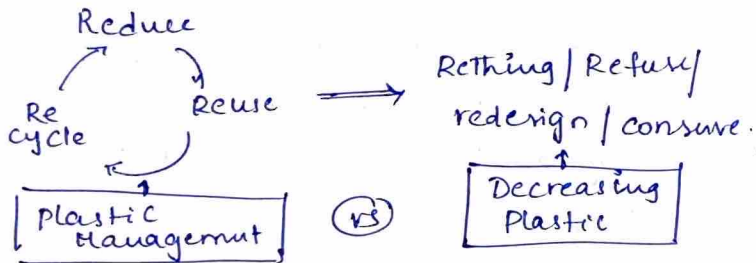
UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए।
Candidates must not write on this margin

Q1 Discuss the implications of plastic waste on the environment.
Enumerate the measures taken by government of India to tackle plastic waste (250w)

plastic is a carcinogen producing artificially made / Man made creation, which now is not only india's major concern but world's problem.



Implication of plastic waste in environment

- ① Soil degradation.
↓
larger plastic waste is easy to clear but the smaller and nano plastic is the major concern.
- ② Ocean pollution
↓
80% of world's plastic is dumped in the oceans
- ③ BioMagnification increases due to plastic consumption by animals
- ④ plant growth and nutrients decrease

- ⑤ High impact on Marine life.
due to decreased oxygen & decreased oxygen
and decreased temperature.
- ⑥ effects Carbon cycle
↓
due to low growth of plants and less
Nutrition to the plants
- ⑦ increase temperature in atmosphere
due to low plant health
- ⑧ May lead to ice cap melt and leads to
flooding

Measures taken by government of India
to Tackle plastic waste

- ① Decrease use of plastic / Curb of plastic
in Malls and other places
- ② Decrease / Curb of plastic in tourist places
to increase awareness on plastic damage to
environment
- ③ effective recycling process
divided wet & other waste and plastic waste

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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- ④ Swachh Bharat, not only for clean India but also for plastic free
- ⑤ awareness programs and Campaign with the help of youths and working professionals.
- ⑥ promoting jute, cotton etc bags and other forms of products than plastic.
eg: promotion of organic / ~~kas~~ tribal made yoga mat than plastic mats by Shri Narendra Modi on yoga day

23 min

Plastic is world's problem and need to find a all world accepted solution that is "Refuse" and "Rethink" before using Plastic.