	CNV D(I
Day / Date	•
Q) a) d)	Write short notes on any Two of the following l Biodiversity loss Population Explosion Deforestation.
a)	1) Introduction: what is Biodiversity:
	Bio diversity refers to the variety of living organisms found in a particular ecosystem, region or entire planet. It encompasses the diversity of species, genetic variation within species, and the variety of ecosystems and ecological processes that support life The convention of Biodiversity, defines biodiversity in the following words:
	The variability among living organisms, from all sources including inter alia terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part"
C	2) Classification of Biodiversity:
	Biodiversity is classified in three categories which are as follows:
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biodiversity:

3.2.1) Habitat loss:

Human encroachments can have a dive impact on biodiversity when humans' involvement in wild aveas increase, it can result is destruction of natural habitat for wild animals.

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3.2.2) Over hunting:

Over hunting is another major threat to biodiversity when humans invariously hunt animals, without giving heed to the possible reprecussions, it can bring the possible reprecussions, it can bring many species on the verge of many species on the verge. extinction.

3.2.3) Invasive species:

Invasion of non-indegenous species could upset the bulance of an ecosystem. When non-native species migrate to another ecosystem, they can bring the native species on the verge of being extinct. Maxim

3.2.4) Pollution:

Pollution can pose a major threat to Biodiversity. It can affect an ecosystem in sundry mea ways. Contamination of water can kill marine life. On the other hand, contamination of soil can also impact plants and, mostly, herbivores.

- 3-3) (auses of loss of Biodiversity:
- 3.3.1) Deforestation:

extensive and reckless cutting of trees can plague the biodiversity of an area. The indiscriminate cutting of trees can evase may ecosystems, leaving inhabital massive loss of live amogst the inhabitants.

3.3.2) (weless use of Pesticides:

Pesticides might provide the (vops with some protections, but in a broader spectrum, it has a detrimental vole Maxim

The pesticides can also, along with the insects that harm evops, Kill many insects that have a bereficial impact such as bees butter flies.

3.3.3) Poor Disposal of Sewage:

Sewage contains high level of nutrients
such as nitrogen etc. when this
enters water bodies, it can tead
to excessive enrichment of nutrients,
which ultimately leads to eutrophications,
yesulting is massive loss of life.

3-3-4) Heavy Machinery:

Machin

conclude tha ans on 4th side max for one note total 2 notes on 8 sides of pages max

b) 1) Introduction: What is Deforestation:

Conversion of fovesled areas into non-forest areas is deforestation. It is the result of removal of trees, over large area, without sufficient reforestation. In other words, deforestation refers to the loss of forest cover. The food and Agriculture Organisation of the UN. (FAO) defines deforestation in the following words:

"(hange of forest with depletion of tree crown cover more than 90%"

2) lauses of Deforestation:

The causes of defovestation are classified in two categories which are as follows:

2.1) Anthrpogenic Couses:

2.1.1) Agriculture:

In order to create space for Agriculture and livestock grazing, forests are cleaved through the process of slash-and-Burn or by directly cutting down the Maxim.....

trees. This clearing of forests for agriculture leads to deforestation.

2.1.2) Urban Sprawl:

Vyban Sprawl can cause deforestation
through the expansion of cities and
uyban areas into previously underdeveloped
of forested lands. As cities grow and
expand they often encroach nearby
forests and natural habitats.

Example:

A quint essential example of this is

the expression of the city of lahove.

The city initially contained many natural

habitats at its periphery, including

water bodies. However, as the city

exprended, the natural habitats were

encreached and eventually destroyed.

2.1.3) Mining Expeditions:

Mining can bad to deforestation

in several ways. Before mining

operations can commonce, forests

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Maxim.

2.2.2) Fovest Fives:

Fovest Fives lead to defovestation through their destructive effects on large areas of forested land. They burn down trees and regetation celike, causing massive destruction on a large-scale area. work on presentation and time management

2.2.3) Desertification.

over all satisfactory and 9/20 use marker and

Desertification includes degradation of soil in axid and semi-axid regions. This process can extend to nearby vegtation of forest areas, prompting a loss in plant cover and desorestation

ans is satisfactory content is relevant

Deforestation and cause dive implications on an area of the lead to soil degration and evosion. It can impact the climate of the particular weathers It can desult in destruction bio diversity.