



An Institute for Civil Services

IAS TOPPER'S TEST COPY

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AIR 122

CSE 2023

ENVIRONMENT



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ENVIRONMENT

(Ecosystem & Biomes)

Max. Marks: 20

Instructions to Candidate

- There are 2 questions.
- Every page of the written answer should carry Name, Roll No. and Batch information, in the same order.
- Content of the answer is more important than its length.
- Answers must be written in the space provided.

Any page or portion of the page left blank in the Question-cum-Answer Booklet must be clearly struck off.

Total - 7.5

1. Evaluator Signature _____

Name Vinay patil
Roll No. [Redacted]
Mobile No. [Redacted]
Date [Redacted]
Signature [Signature]

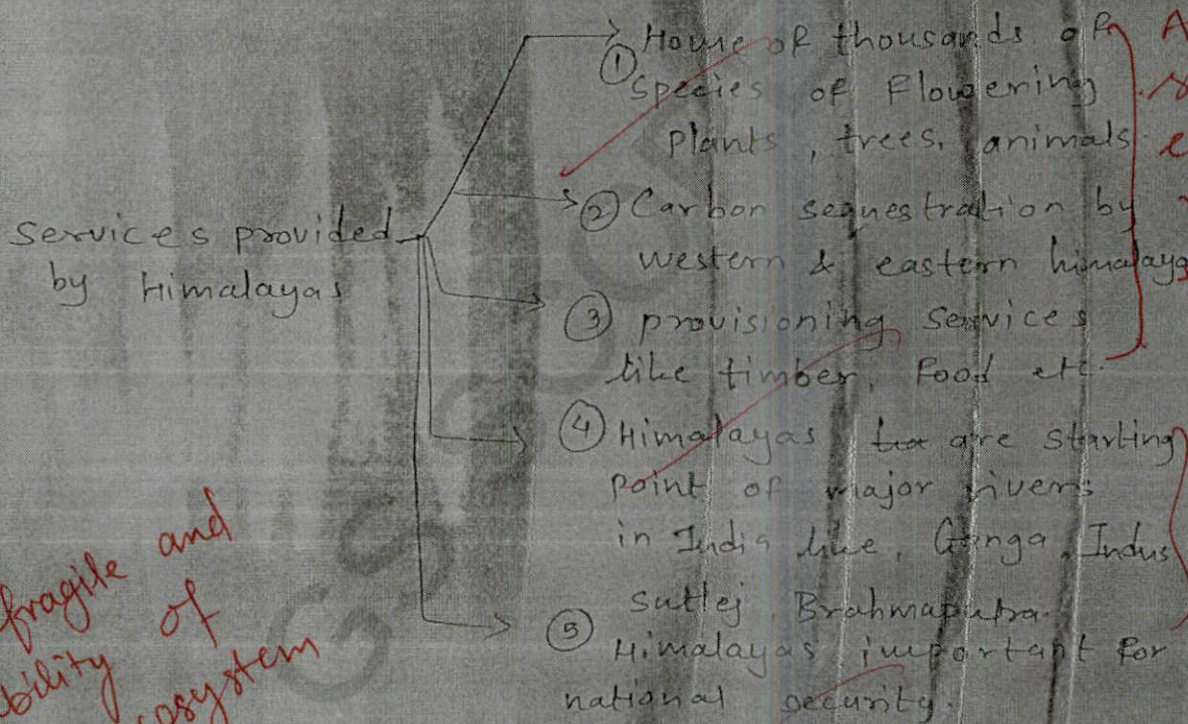
1. Though the Himalayan ecosystem provides critical services, yet it is fragile and vulnerable. Discuss the statement in light of climate change debate.

(150 Words) (10 Marks)

Add the context of climate change in the introduction

Himalayan ecosystem presents at northern boundary of Indian Subcontinent with diversity in ecosystems comparing to mainland Indian Subcontinent as well as provides various services.

Critical Services of Himalaya →



Add specific examples related to this

Discuss fragility and vulnerability of Himalayan ecosystem

- Himalayas facing major consequences due to climate change and global warming like
① Biodiversity loss, ② Deforestation ③ increasing water flow in river ④ Melting of glaciers and causing disasters.

- climate change adversely impacting Himalayan

good

good points but need to be explained in the context of question

Remarks

ecosystem. due

~~Major~~ taken → Measures taken →

- National Action plan on climate change - for sustainable development in India.
- National mission for sustaining Himalayan ecosystem - It is for safeguarding Himalayan ecosystem and glaciers.

good

3/2

Himalayan ecosystem in danger due to natural disturbances as well as Anthropogenic activities there fore need to implement sustainable measures as well as conservative measures of Himalayan biodiversity.

Remarks

2. India has lost nearly one-third of her natural wetlands over the last four decades. Discuss the reasons and steps to be taken to conserve the wetlands. Also, highlight some of the initiatives taken by courts in this regard. (150 Words) (10 Marks)

Wetlands include Swamp, marshes, bogs, paddy fields, human made dams etc. Land covered by water, salt water is known as wetland. Wetlands are home of many species of animals birds as well as insects and fishes.

• Reasons of wetland loss →

- Pollution and climate change effect on wetland.

- Growing urbanisation and rapid growth of agr requirement of agricultural fields.

- Anthropogenic activities like industrialisation mining etc causes wetland loss.

- Deforestation Deforestation causes soil erosion and thus causes wetland loss.

• Steps taken to conserve wetlands →

- Protection of wetlands and conservation of wetlands, restoration of wetlands.

- There is need to research and development in various processes to conserve wetlands.

- Government can take many initiatives to conserve wetlands.

Remarks

Initiatives taken by courts to conserve wetlands

- Supreme court ~~taken~~ or guided governments to conserve wetlands in many ways.
- Recently Kerala high court took the initiative to conserve wetlands in Kerala.
- Karnataka ~~high~~ ~~high~~ court took init guided to conserve lakes in Bangalore city.

good

And

examples of wetlands

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Wetlands are home to many rare species of animals, insects and fishes like bengal tigers of ~~sut~~ Sunderbans. Government should take initiatives to conserve wetlands as well as it is duty of people to conserve wetlands.

Remarks