

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

10/10/2023

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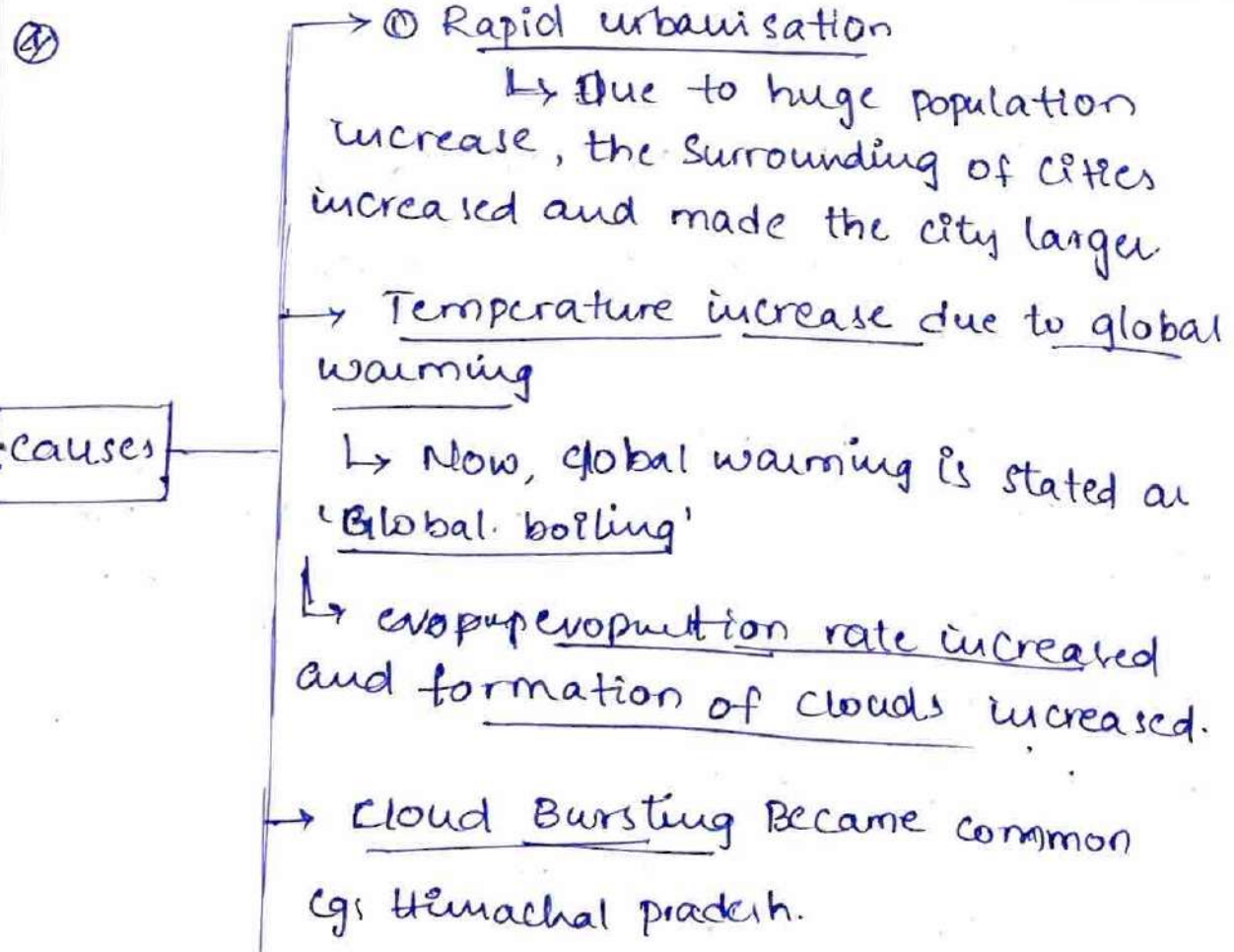
उम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए।
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Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only)

① Historic rainfall and floods are the new normal in metropolitan cities across the globe. In this context, Explain the relationship between rapid urbanization and flooding in the cities?

Rapid urbanisation and global warming triggered the distinctive climate change which lead to heavy human loss, other species loss. ^{Globe} ~~climate~~ is now paying for the damages made to the climate.

causes of heavy rainfall and flooding in metropolitan cities



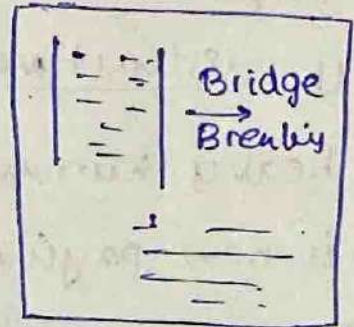
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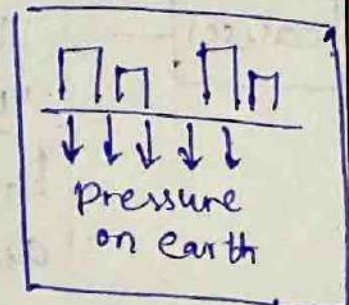
- Heavy rain-falls making the water flow increased
- Glacier Melting leads to flooding
eg: sikkim
- Breaking of Dams and water bridges, leading to floods
- Deforestation
↓
No root intake of water,
leading to floods.



Relation Between Urbanisation and Flooding in cities

① Urbanisation leads to Deforestation.
↓
low ground water creating capability

② Heavy Buildings leading to High pressure. ; No around water storing capacity



③ More pollution due to heavy development activities
↳ causes global warming
eg: industries that release Green house gas

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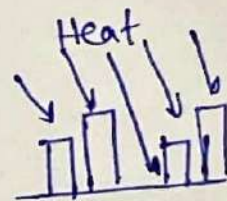
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④ Many settlement near the banks of rivers causes increase in flooding rate.

⑤ Heavy metal use in Buildings, causing heating leads to flooding

⑥ More heat escape to atmosphere due to urbanisation



world have to change the attitude towards climate. even the most exploited countries may not pay for it but poorer countries are the one that are effected. countries have to follow the Paris agreement and stick to decrease the use of fossil fuels.

30 Min

