

Physical Geography

1. What is an island arc?
2. Why is the Black Sea called "Black"? Which countries border it?
3. Where is the White Sea located?
4. Explain the geopolitical significance of the Bab al-Mandab Strait.
5. Where is the largest forest in the world? Which countries have this forest?

Indian Geography

1. What are the differences between Eastern, Southern, and Western Rajasthan?
2. What is the true potential of Eastern Rajasthan, leaving aside Jaipur?
3. Is Mount Abu in Eastern Rajasthan?
4. Why is sugarcane farming practiced in water-scarce regions?
5. Why are Lakshadweep and Andaman important? Is it just for strategic purposes?
6. Tell me about Lakshadweep. Name the island the PM visited, the total number of islands in Lakshadweep, and the name of the Naval base.

Energy

1. What is renewable energy? Give some examples.
2. What are the advantages and disadvantages of solar energy?
3. Discuss wind energy.
4. Explain the process of how wind energy is generated.
5. What is the offshore wind energy capacity of India?
6. Discuss tidal energy projects.
7. What are wave energy projects?
8. How will boosting discom health benefit renewable energy?
9. Is nuclear energy renewable?
10. Explain the process of how wind energy is generated.
11. What are the issues with India's power sector?
12. What are the problems with discoms?

Environmental Geography

1. Why are millets important? What problems do they have?
2. What is the status of waste-to-energy projects in India? What challenges exist in their expansion?

Human Geography

1. Is demographic dividend our compulsion? How can we address it?
2. If demographic dividend is a compulsion, and nothing has been done so far, will anything happen now? Has the government countered it with any mission?

Disaster Management

1. What were the reasons for Sikkim floods, and hurdles in implementing river interlinking projects.

Environmental Pollution and Degradation

1. Do you know AQI? What are the 8 pollutants in AQI?
2. Why is Delhi unable to control pollution? What are the reasons for this?
3. There is a lot of garbage on the railway line; how would you solve the problem?
4. Why are the USA and Europe pushing for the phase-out of coal? Why not oil and gas?
5. Why was the stubble-burning issue not prevalent a few years ago?
6. What are we doing for air and water pollution?
7. Why do you only take action when air quality is polluted, rather than impose limitations to maintain a good AQI when it is clean?
8. Is overuse of fossil fuels detrimental to India? Should India expedite the transition away from fossil fuels?
9. Why wasn't a definitive timeline for phasing out fossil fuels finalized at COP 28?

Climate Change

1. What are the environmental concerns in the current world.
2. What steps are being taken at the world level? What is the impact of COP28? How can India initiate a change at the global level to make developed nations contribute more towards it?
3. Tell me everything about climate change—what is happening, and what should we do?
4. How will climate change in Antarctica affect us? Will climate change have any impact on the Himalayas?
5. What are GHGs? Is India the largest emitter?
6. You mentioned that in per capita terms, India emits less, but overall, it is one of the largest emitters. Don't you think these are two different aspects?
7. Are we focusing on mitigation or adaptation? What steps are involved in adapting to climate change?

8. How is the climate changing in the Middle East? What steps are being taken in the Middle East to mitigate the effects of climate change?
9. What is Loss and Damage?
10. What is climate adaptation? How should we address this in India?

Conservation Efforts and Biodiversity

1. Kerala people are known to protect their environment and biodiversity?
2. What is the speciality of Parambikulam? What flora and fauna are found there?
3. Follow-up: Specify the tree that was awarded some recognition.
4. Name a few marine national parks in India. What do they do?
5. How to improve the operation of such parks and augment tourism in such niche sectors?
6. Increasing resorts in Rishikesh along the Ganga—what is your take on it? Namami Gange and how the increase in resorts aligns with it.
7. How to develop sustainable tourism? What is the 5R strategy?
8. What is the difference between carbon capture and carbon sequestration? Are there any efforts of carbon trading in India?
9. What is green technology?
10. What is sustainable fashion?

Sustainable Development

1. What is resilient development, and how do we promote this?
2. What can be done in the Himalayas for resilient development?
3. Tell us about tropical rainforests.
4. What is the blue economy?
5. How will the debate between environmental conservation and development play out when we are exploiting marine resources?
6. When will we achieve net zero?
7. How would you reduce vehicular emissions in your block? Provide three concrete steps to promote e-vehicles.
8. As a BDO, how would you promote green energy infrastructure in your jurisdiction?
9. Is nuclear energy a source of clean energy?

Water Conservation

1. Did you work on the ground for water conservation?
2. You are a civil engineer; tell me the technique behind these water conservation efforts.
3. What are the problems in water conservation? What steps should be taken?

4. Should dams be constructed in vulnerable areas?
5. What are the unique features of the Tehri Dam?
6. Have you ever visited Tehri Dam? What did you observe there?
7. What was the impact of GLOF in Sikkim? What was the reason responsible for this?
8. What is GLOF? Why are they increasing? Give a recent example of a disastrous GLOF.

Legislation, Governance, and Policy

1. What is NGT, its role, why was it set up, and when?
2. Evaluate the statement: "NGT is creating unnecessary impediments for development." Provide two points in favor and two against. Has the NGT truly made an impact?
3. What is EPR? What are various types of liabilities?
4. What is the MMDR Act? What are the recent amendments?
5. What are the targets and objectives of the National Clean Air Programme?

Natural Resources

1. Compare Chilika and Dal Lake.
2. What is the Great Nicobar Project? Who is it impacting?
3. Name the specific species which are being impacted.
4. What are critical minerals? How are they used? Give examples.
5. What are atomic minerals? What are major minerals? Give examples from India.
6. Who extracts iron ore in India? What is NMDC? How to reduce the carbon footprint in mines?

Renewable Energy and Technological Innovations

1. AI is being seen as a solution for almost every problem. How do you think it can help in solving environmental problems?
2. What is your take on solar energy? How to improve efficiency? What is the pump storage mechanism?
3. Do you think pursuing renewable energy is worth it? Don't you think it is too intermittent? What are we doing about it?
4. What do you mean by carbon credits?

Urbanization and Waste Management

1. What is EPR? What are various types of liabilities?
2. E-waste disposal issues?

3. Why is the Yamuna not cleaning up?