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**Read the passage below and answer the questions that follow.**

In the intricate tapestry of global climate change, the call for decisive action reverberates with unparalleled urgency. Our shared home, Earth, is witnessing unprecedented alterations in climate patterns, marked by rising temperatures, melting polar ice, and a surge in extreme weather events. Within this complex scenario, the scientific consensus is unequivocal: human activities, specifically the burning of fossil fuels and rampant deforestation, stand as primary contributors to this crisis.

Addressing the multifaceted challenge of climate change necessitates a comprehensive approach. International cooperation becomes imperative as nations must unite in their efforts to combat this global threat. Policy changes, rooted in scientific understanding and ethical responsibility, are pivotal to steer societies toward sustainable practices. Individual responsibility, too, plays a crucial role. Each person's choices, from energy consumption to waste management, collectively impact our planet's fate.

Sustainable practices emerge as a cornerstone in this battle. Embracing renewable energy sources not only reduces our reliance on fossil fuels but also fosters a greener, more sustainable future.

Conservation efforts, aimed at preserving biodiversity and natural habitats, safeguard the delicate balance of our ecosystems.

Amidst these challenges lies a profound opportunity: the chance to mitigate the impacts of climate change and secure a habitable planet for the generations yet to come. By fostering international collaboration, implementing thoughtful policies, and nurturing a collective sense of responsibility, humanity can weave a new chapter in Earth's story—one where harmony between human progress and ecological preservation reigns supreme.

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## Questions:

1. Explain the role of human activities in contributing to climate change, focusing on the burning of fossil fuels and deforestation. Why are these activities significant factors in the crisis?
2. Discuss the importance of scientific consensus in understanding climate change. Why is it essential to rely on scientific research and evidence when addressing this global issue?
3. Reflect on the urgency emphasized in the passage regarding decisive action on climate change. Why is it crucial to act swiftly in addressing this crisis? What are the potential consequences of delayed action?
4. Discuss the multifaceted approach required to address climate change, as mentioned in the passage. How does international cooperation, policy changes, and individual responsibility contribute to mitigation efforts?
5. Analyze the concept of individual responsibility in the context of climate change. How can individuals contribute to mitigating climate change in their daily lives? Provide specific examples.
6. Summarize the key climate change indicators mentioned in the passage. How are rising temperatures, melting polar ice, and extreme weather events interconnected?