



Mains Practice Question

Q. Examine the necessity and challenges of establishing a global framework for the ethical use of Artificial Intelligence (AI). (150 words)

04 Jan, 2024 GS Paper 4 Theoretical Questions

Approach

- Write an introduction about Artificial Intelligence (AI)
- The approach should involve a balanced examination of both the necessity and challenges associated with establishing a global framework for AI ethics.
- Use a structured format, addressing each aspect with clarity and precision.
- In last give a holistic conclusion.

Introduction

Artificial Intelligence (AI) refers to the development of computer systems that can perform tasks that typically require **human intelligence**. These tasks include **learning, reasoning, problem-solving, perception, natural language understanding, and speech recognition**.

Body

Necessity:

- The necessity for a global framework for the ethical use of **Artificial Intelligence (AI)** is underscored by the borderless impact of AI technologies, which often transcend national jurisdictions.
- In the **absence of standardized guidelines, ethical concerns** such as **biased algorithms, discriminatory practices, and privacy violations persist**, demanding a unified international response.
- A global framework is imperative to address these issues cohesively and foster trust in **AI applications**, ensuring responsible and equitable deployment worldwide.

Challenges:

- Establishing such a framework encounters formidable challenges. Diverse **cultural, legal, and ethical perspectives** complicate the task of finding **universally acceptable principles**.
- Achieving consensus among nations with varying interests proves intricate, raising questions about **national sovereignty and economic competitiveness**.
- The intricate nature of these **challenges highlights the complexity of harmonizing** global approaches to AI ethics.
- Overcoming these hurdles requires **collaborative efforts**, emphasizing the need for shared standards that balance technological innovation with ethical considerations.
- Ultimately, a **well-crafted global framework** is crucial for navigating the **ethical complexities of AI** on a worldwide scale.

Conclusion

A global framework for ethical AI is crucial given its widespread impact. Challenges from diverse perspectives and national interests make standardized ethical standards complex but essential. Despite hurdles, an international framework is necessary for addressing ethical concerns and fostering collaborative, accountable AI development.

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