Science & Technology · GS - III

Discuss the ethical, legal and governance challenges posed by increasingly autonomous AI systems.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 26/10/2026	GS - III	Science & Technology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

AI agents, copyright, data access, privacy, accountability, cybersecurity, human oversight, responsible AI.

Model Answer

Introduction:

Artificial Intelligence is moving beyond generating content towards performing tasks through autonomous or semi-autonomous agents. This creates new challenges for digital governance.

Key Challenges

1. Data and Copyright: AI systems may access content subject to licensing or payment restrictions, raising legal questions.
2. Privacy: Improper handling of personal or sensitive information can undermine individual rights.
3. Cybersecurity: AI agents interacting with external systems may create vulnerabilities if permissions are inadequate.
4. Accountability: Responsibility must be clearly established among developers, deployers and users.
5. Human Oversight: Excessive autonomy may allow systems to take unintended actions.

Way Forward

1. Implement permission-based access and least-privilege controls.
2. Strengthen audit trails, monitoring and incident reporting.
3. Clarify copyright and data-use obligations.
4. Establish risk-based regulation and meaningful human oversight.

Conclusion:

Responsible AI governance must balance innovation with privacy, security and legal compliance. Clear accountability and effective technical safeguards are essential for building public trust.

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