Science & Technology · GS - III

Artificial Intelligence is transforming professional services, including the legal sector. Examine its potential benefits and ethical challenges, and suggest measures for responsible adoption.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 19/10/2026	GS - III	Science & Technology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Generative AI; productivity; legal research; document automation; data privacy; algorithmic bias; hallucinations; professional accountability; human oversight; responsible AI governance.

Model Answer

Introduction

Artificial Intelligence is increasingly being used in professional services to automate routine tasks, analyse information and support decision-making. Its adoption in law firms illustrates both its potential and its limitations.

Potential Benefits

1. Efficiency: AI can accelerate document review, contract analysis and preliminary legal research.

2. Cost Reduction: Automation may reduce the time spent on repetitive tasks and improve access to professional services.

3. Better Information Management: AI tools can help organise large volumes of documents and identify relevant information.

Ethical Challenges

1. Accuracy: AI-generated responses may contain fabricated cases, incorrect interpretations or incomplete information.

2. Confidentiality: Uploading sensitive client information to inadequately protected systems can create privacy and cybersecurity risks.

3. Accountability: Excessive reliance on automated outputs may weaken professional judgment and obscure responsibility for errors.

Measures

Organisations should verify AI-generated outputs, protect confidential data, conduct regular security assessments and establish clear accountability protocols. Employees require training in responsible AI use. Human oversight must remain central in consequential legal decisions.

Conclusion

AI should complement professional expertise rather than replace accountability. Transparent governance, privacy safeguards and human verification can help realise its benefits responsibly.

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