Science & Technology · GS - III

Examine the ethical, legal and regulatory challenges arising from the deployment of generative AI tools in educational institutions. Suggest measures to ensure child safety and responsible AI governance.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 06/11/2026	GS - III	Science & Technology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Child online safety, AI hallucinations and harmful outputs, informed parental consent, data privacy, platform accountability, school-level oversight, safety testing, age-appropriate design, grievance redressal, responsible AI governance.

Model Answer

Introduction

Generative AI tools offer educational support but may expose children to harmful content, privacy risks and inappropriate interactions if deployed without adequate safeguards.

Key Challenges

AI systems may generate misleading or harmful responses, while children may lack the maturity to critically evaluate them. Weak parental oversight, inadequate safety testing and unclear accountability create additional risks. Collection of children's personal data also raises concerns regarding privacy and consent.

Legal and Regulatory Dimensions

The Digital Personal Data Protection Act, 2023, provides safeguards for children's personal data. Consumer protection, information technology and other applicable laws may also become relevant when AI platforms cause harm or fail to meet legal obligations. Allegations in individual lawsuits must be distinguished from established legal findings.

Way Forward

Educational institutions should adopt AI-use policies, conduct independent safety assessments and provide age-appropriate access. Platforms must strengthen content moderation, parental controls, privacy protection and mechanisms for reporting harmful interactions. Human supervision and digital literacy should remain integral to AI-assisted education.

Conclusion

AI integration in education must balance innovation with child protection, transparency and accountability. A child-centric regulatory framework is essential for responsible adoption.