Science & Technology · GS - III

The growing use of Artificial Intelligence has created new challenges relating to data privacy, emotional manipulation and responsible technology design. Discuss.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 22/10/2026	GS - III	Science & Technology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Artificial Intelligence, Data Privacy, Generative AI, Privacy by Design, Emotional Manipulation, Informed Consent, Algorithmic Transparency, User Autonomy, Responsible AI, Digital Personal Data Protection Act, 2023.

Model Answer

Introduction

Artificial Intelligence (AI) is transforming digital interactions through intelligent assistants and generative tools. However, its growing use raises concerns about personal data protection, emotional influence and accountability.

Main Body

AI assistants may process sensitive conversations and personal information. Excessive data collection or retention can create risks of privacy breaches and misuse. Furthermore, human-like responses may encourage emotional attachment or create a misleading impression that AI systems possess genuine feelings. Such interactions can potentially influence users' decisions and behaviour.

Privacy-first AI systems aim to minimise data collection, limit storage and provide users with greater control over their information. The principle of privacy by design encourages developers to integrate safeguards from the beginning. Transparent data policies, informed consent, independent audits and clear accountability mechanisms

are also important. India's data-protection framework, including the Digital Personal Data Protection Act, 2023, is relevant to the governance of digital personal data.

Conclusion

India should promote innovation while ensuring that AI systems remain transparent, secure and user-centric. Responsible AI must protect individual autonomy and privacy without discouraging technological progress.

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