Defence & Security · GS - III

Examine the implications of artificial intelligence-enabled weapons for international security. Suggest measures to address the risks associated with their development and use.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 17/10/2026	GS - III	Defence & Security

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Military AI, autonomous weapons, precision targeting, arms race, regional security, human control, international humanitarian law, arms control.

Model Answer

Introduction

Artificial intelligence is transforming modern warfare by improving target detection, surveillance and weapon guidance. North Korea's reported AI-assisted torpedo test highlights the growing integration of AI into military systems.

Implications for International Security

1. Military modernisation: AI can improve the speed and precision of certain military operations.
2. Regional tensions: Advanced weapons may intensify security competition between North Korea, South Korea and Japan.
3. Escalation risks: Faster automated decision-making can increase the risk of miscalculation during a crisis.
4. Accountability: Determining responsibility for harm caused by autonomous systems can be difficult.

Way Forward

Countries should strengthen international dialogue on military AI, improve transparency in weapons testing and establish safeguards for human oversight. Compliance with international humanitarian law, confidence-building measures and arms-control discussions can help reduce risks.

Conclusion

AI-enabled weapons may change the character of warfare, but technological progress must be accompanied by responsible human control, accountability and international cooperation.

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