Defence & Security · GS - III

Examine the significance of expanding India–US defence exercises to cyber and space domains. How can multi-domain interoperability strengthen India's strategic position in the Indo-Pacific?

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MARKS	WORD LIMIT
10	~150 words

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Answer Hint

India–US defence cooperation; Exercise Tiger Triumph; cyber security; space capabilities; tri-service coordination; interoperability; humanitarian assistance; disaster relief; Indo-Pacific security; technological cooperation

Model Answer

Introduction

India–US defence exercises support military cooperation, coordination and mutual understanding. The reported expansion of Exercise Tiger Triumph to cyber and space domains reflects the growing importance of multi-domain capabilities in contemporary security planning.

Strategic Significance

Integrating cyber and space capabilities can improve information-sharing, situational awareness and coordination among military services. Interoperability enables participating forces to align communications, procedures and operational planning. These capabilities may support both humanitarian assistance and disaster relief operations and broader security cooperation in the Indo-Pacific.

Challenges

Differences in military systems, communication protocols, data-sharing rules and operational procedures can restrict interoperability. Cyber vulnerabilities, protection of sensitive information and dependence on advanced

technologies also require attention.

Way Forward

India should strengthen joint training, secure communications, cyber resilience and space-domain awareness while protecting sensitive information. Clear operational protocols, indigenous technological capabilities and regular exercises can improve coordination without compromising strategic autonomy.

Conclusion

Multi-domain cooperation can enhance India's preparedness for complex security challenges. Its effectiveness depends on technological resilience, joint planning and the ability to integrate emerging capabilities with conventional military strengths.

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