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UGC NET Paper 2

Defence and Strategic Studies (011)
Complete revision notes — all 10 units

10 units | Tables & formulas | Key revision points

01 Concepts of War, Strategy and Security
02 Theories and Thinkers of War
03 Nuclear Strategy and Deterrence
04 Defence Organisation of India
05 India's Wars and Conflicts
06 Regional and Maritime Security
07 Arms Control and Disarmament
08 Internal Security
09 Non-Traditional Security
10 Defence Economics and Technology

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How to use these notes

- Read one unit at a time, then test yourself with its key revision points.
- Make your own short notes on topics you find difficult.
- Units follow the main areas of the official syllabus — the exact unit list can change between sessions.
- Always check the latest syllabus and notices on the official UGC NET portal: **ugcnet.nta.ac.in**.

UNIT 01

Concepts of War, Strategy and Security

National security, national power, war and strategy.

- **National power** elements (Morgenthau): geography, natural resources, industrial capacity, military preparedness, population, national character, morale, diplomacy, government.
- Levels of war: grand strategy, strategy, operational art, tactics.
- Security: traditional (military) and non-traditional (human, economic, environmental).
- **Human security** — UNDP Human Development Report, 1994.

★ Key revision points

- Elements of national power = Morgenthau.
- Human security concept: UNDP, 1994.
- Operational art links strategy and tactics.
- Grand strategy uses all national resources.

UNIT 02

Theories and Thinkers of War

Classical and modern strategic thinkers.

Thinker	Key idea
Sun Tzu	*The Art of War* — win without fighting
Kautilya	*Arthashastra* — mandala theory
Clausewitz	*On War* — war is the continuation of politics by other means; friction; centre of gravity
Jomini	Principles of war; lines of operation
A. T. Mahan	Sea power (1890)
Giulio Douhet	Air power (1921)
Liddell Hart	Indirect approach
Mackinder	Heartland theory

★ Key revision points

- War as politics by other means = Clausewitz.
- Sea power = Mahan.
- Air power = Douhet.
- Indirect approach = Liddell Hart.

UNIT 03

Nuclear Strategy and Deterrence

Deterrence theory, India's nuclear doctrine and the global non-proliferation regime.

- Deterrence by punishment vs by denial; mutual assured destruction (MAD); first strike and second-strike capability; nuclear triad.
- India's tests: Pokhran-I (1974), Pokhran-II (1998).
- **India's nuclear doctrine (2003)**: credible minimum deterrence, no first use, massive retaliation, civilian political control (Nuclear Command Authority).
- Treaties: NPT (1968), CTBT (1996, not in force); India has signed neither.

★ Key revision points

- India's doctrine: no first use, credible minimum deterrence.
- Pokhran-II: 1998.
- NPT: 1968; CTBT: 1996.
- Triad = land, sea, air delivery.

UNIT 04

Defence Organisation of India

Higher defence organisation, services and research bodies.

- The President is the Supreme Commander; the Cabinet Committee on Security takes key decisions.
- **Chief of Defence Staff** created in 2020 (first CDS: General Bipin Rawat); Department of Military Affairs.
- Three services; paramilitary and central armed police forces.
- DRDO (1958); Ordnance Factory Board corporatised into seven DPSUs (2021).

★ Key revision points

- First CDS: General Bipin Rawat, 2020.
- DRDO: 1958.
- President = Supreme Commander.
- CCS decides on security matters.

UNIT 05

India's Wars and Conflicts

Major wars since independence and their outcomes.

Conflict	Year	Note
First Kashmir war	1947–48	Ceasefire line
Sino-Indian war	1962	Aksai Chin and NEFA
Indo-Pak war	1965	Tashkent Agreement (1966)
Bangladesh Liberation War	1971	Simla Agreement (1972)
Kargil	1999	Operation Vijay

★ Key revision points

- Tashkent Agreement followed 1965.
- Simla Agreement: 1972.
- Kargil: Operation Vijay, 1999.
- 1971 war created Bangladesh.

UNIT 06

Regional and Maritime Security

South Asia, the Indian Ocean and India's maritime strategy.

- Indian Ocean: chokepoints — Strait of Hormuz, Bab-el-Mandeb, Strait of Malacca.
- **SAGAR** (Security and Growth for All in the Region), 2015.
- Groupings: QUAD, IORA, BIMSTEC; Indian Ocean Naval Symposium.

★ Key revision points

- SAGAR: 2015.
- Malacca links the Indian Ocean and the Pacific.
- QUAD: India, USA, Japan, Australia.
- IORA = Indian Ocean Rim Association.

UNIT 07

Arms Control and Disarmament

Major treaties and export-control regimes.

Instrument	Year
Biological Weapons Convention	1972
Chemical Weapons Convention	1993 (in force 1997)
NPT	1968
CTBT	1996
MTCR (India joined)	2016
Wassenaar Arrangement (India joined)	2017

★ Key revision points

- CWC: 1993; BWC: 1972.
- India joined MTCR in 2016.
- India joined Wassenaar in 2017.
- Arms control limits; disarmament reduces.

UNIT 08

Internal Security

Insurgency, terrorism and the legal and institutional framework.

- Threats: terrorism, Left Wing Extremism, insurgency in the North-East, cyber threats.
- Laws: UAPA (1967, amended), AFSPA (1958).
- Agencies: NIA (2008, after the Mumbai attacks), NSG (1984), intelligence agencies.
- Counter-insurgency: 'winning hearts and minds'.

★ Key revision points

- NIA: 2008.
- AFSPA: 1958.
- UAPA: 1967.
- NSG: 1984.

UNIT 09

Non-Traditional Security

Energy, food, water, climate and cyber security.

- Energy security — supply, affordability, sustainability.
- Water security; climate change as a threat multiplier.
- Cyber security: CERT-In; National Cyber Security Policy (2013).
- Pandemics and health security.

★ Key revision points

- Climate change = threat multiplier.
- CERT-In handles cyber incidents.
- National Cyber Security Policy: 2013.
- Human security focuses on people.

UNIT 10

Defence Economics and Technology

Defence budgeting, indigenisation and the revolution in military affairs.

- Guns vs butter trade-off; defence spending as a share of GDP.
- Indigenisation: Defence Acquisition Procedure (DAP) 2020; positive indigenisation lists; Atmanirbhar Bharat.
- Revolution in Military Affairs (RMA): precision weapons, network-centric warfare, drones, space and cyber.

★ Key revision points

- DAP 2020 favours indigenous buying.
- RMA = technology-driven change in war.
- Network-centric warfare links forces through information.
- Guns vs butter = defence vs welfare spending.

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