

## **CURRENT ISSUES WRITING PRACTICE**

### **PRE-TEST MATERIAL FOR CIWP – L**

#### **Hybrid Warfare**

##### **Why in News?**

World War III is on its way in the form of hybrid warfare that is spreading in all directions, Armenian Prime Minister Nikol Pashinyan said in an interview with German ARD TV.

The future wars between states and between states and non-state actors will be significantly dynamic in nature. The new form of warfare is called '**Hybrid Warfare**' or '**5th Generation**' war. Information warfare, one of the biggest tools of Hybrid warfare, has been equipped and equated with the Weapons of Mass Destruction (WMD) which attack human perception and creates doubts against its own country and its government. Arab uprisings in Tunisia, Egypt, and Syria are examples of successful hybrid conflicts. Hybrid Wars are externally provoked identity conflicts within a target society. Underlying Identity conflicts do exist within every single country in the world.

##### **Connectedness to the Syllabus**

**Essay:** UPSC may ask candidates to write an essay on the Global Peace and Conflict Resolution, Disarmament, Nuclear Weaponization, World War III: Hybrid warfare, Threats of Information warfare and the issues related to it.

##### **General Studies I:**

- History of the world will include events from 18th century such as industrial revolution, world wars, redrawing of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.— their forms and effect on the society.
- Distribution of key natural resources across the world (including South Asia and the Indian sub-continent); factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India).

##### **General Studies II:**

- India and its neighbourhood- relations.
- Bilateral, regional and global groupings and agreements involving India and/or affecting India's interests.
- Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora.
- Important International institutions, agencies and fora- their structure, mandate.

##### **General Studies III:**

- Awareness in the fields of IT, Space, Computers, robotics, nano-technology, biotechnology and issues relating to intellectual property rights.
- Disaster and disaster management.
- Linkages between development and spread of extremism.
- Role of external state and non-state actors in creating challenges to internal security.
- Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money laundering and its prevention.

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- Security challenges and their management in border areas - linkages of organized crime with terrorism.
- Various Security forces and agencies and their mandate.

#### **Articles Link**

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/647776/dar\\_mcdc\\_hybrid\\_warfare.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/647776/dar_mcdc_hybrid_warfare.pdf)

<https://smallwarsjournal.com/jrnl/art/hybrid-war-old-concept-new-techniques>

<https://www.theweek.in/news/world/2020/09/14/explainer-what-is-hybrid-warfare-and-how-has-china-used-it.html>

<https://theconversation.com/explainer-what-is-hybrid-warfare-and-what-is-meant-by-the-grey-zone-118841>

<https://globalsecurityreview.com/hybrid-and-non-linear-warfare-systematically-erases-the-divide-between-war-peace/>

<https://thekootneeti.in/2020/10/05/understanding-hybrid-warfare/>

<https://dnd.com.pk/propaganda-the-prevalent-form-of-conflict/204517>

<https://www.globalvillagespace.com/disinformationindias-hybird-warfare/>

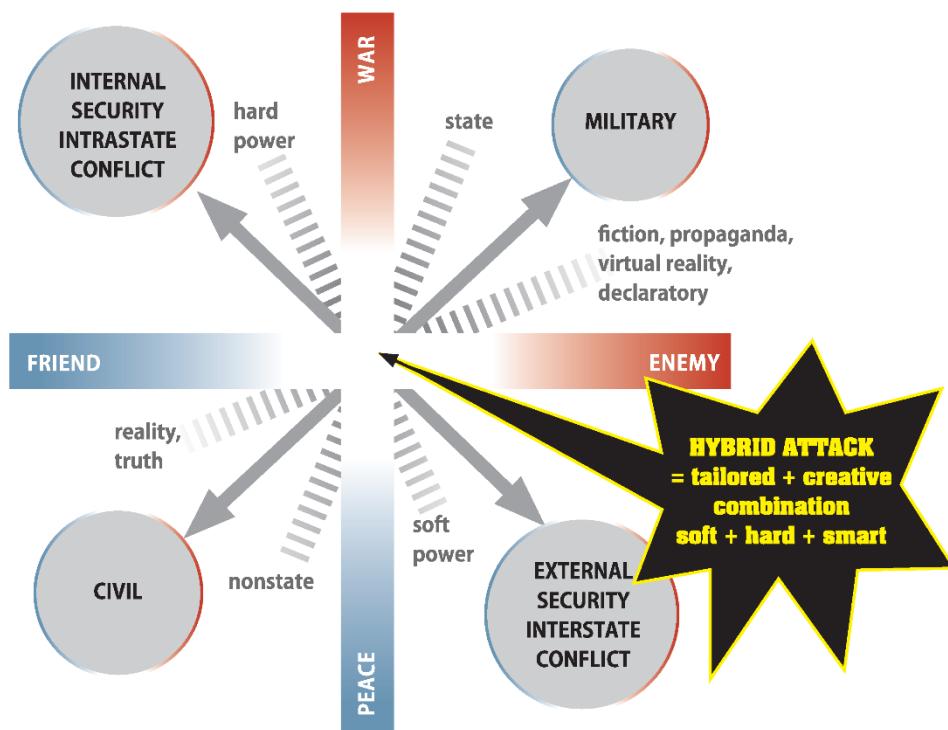
#### **Figures and Maps**

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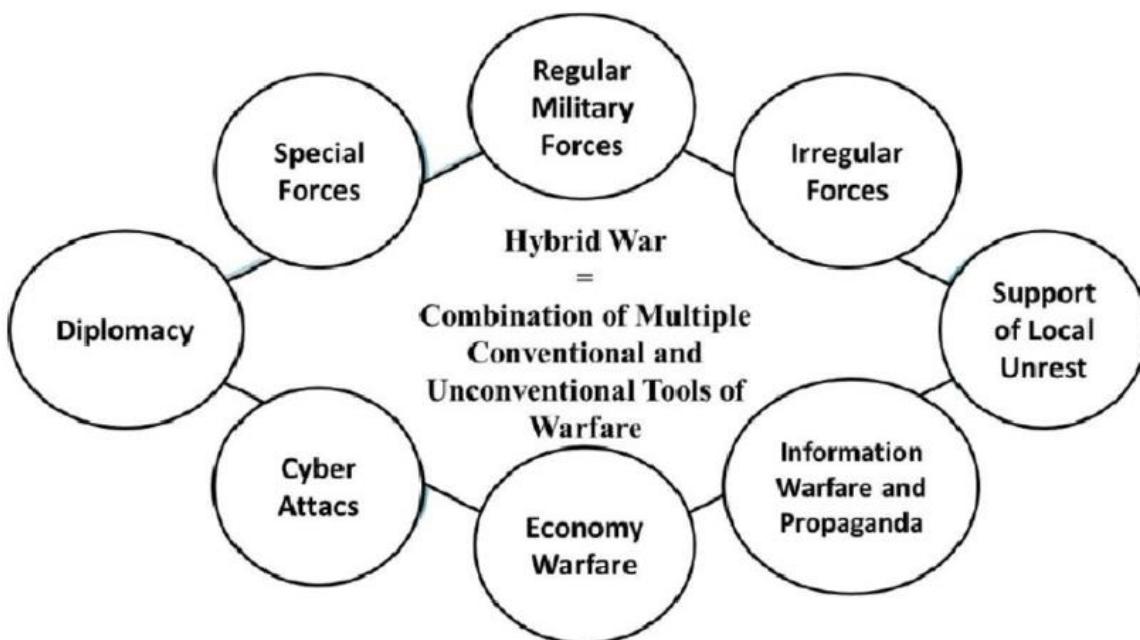
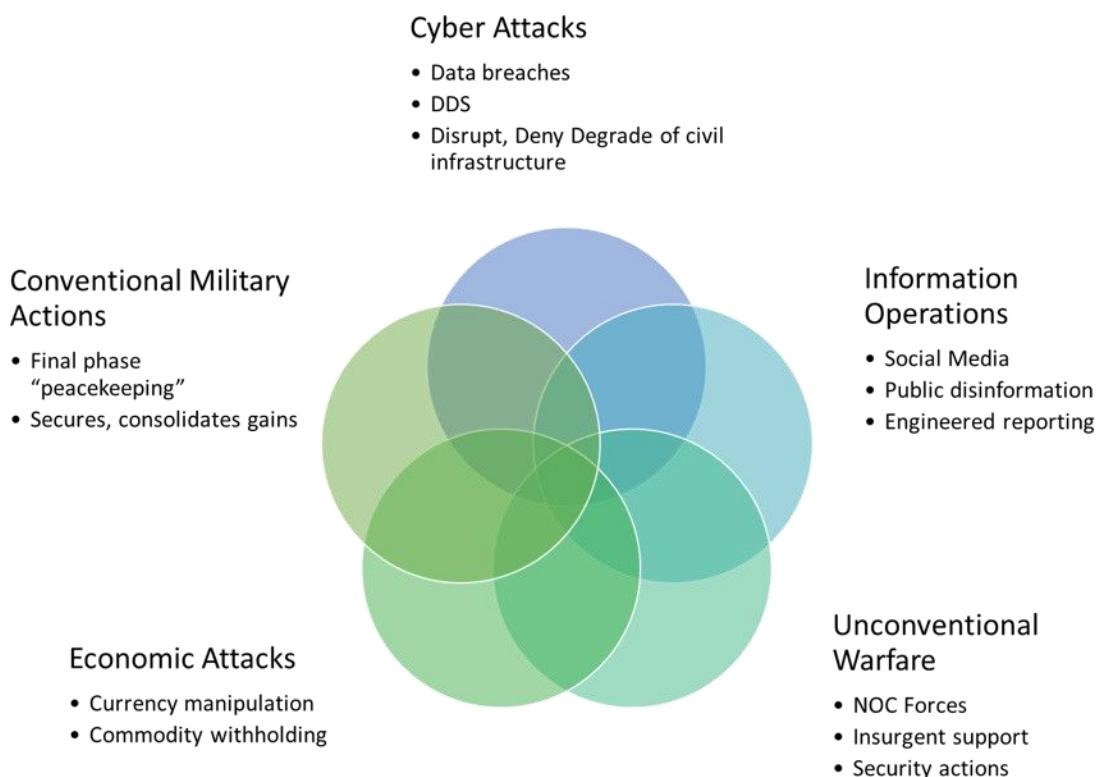
### HYBRID WARFARE AND THE CONCEPT OF INTERFACES

Operating in the Shadow / Grey Area of Interfaces



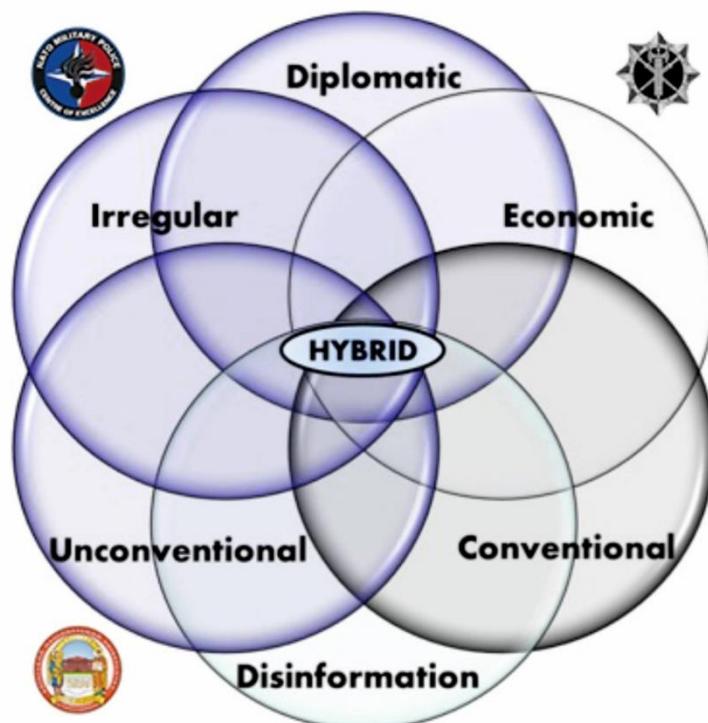
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#### **Video Links**

**Money control:** Explained | What Is Hybrid Warfare and How China Is Using It Against Other Countries?

<https://www.youtube.com/watch?v=qKoL7eW7CfE>

**AR Global Security: What is Hybrid Warfare?**

<https://www.youtube.com/watch?v=V2QnN7ruRxM>

**Indian Express' Investigative Report Exposes China's 'Hybrid War' On India | CNN News18**

<https://www.youtube.com/watch?v=IRZlMc-B57o>

## **CURRENT ISSUES WRITING PRACTICE**

### **PRE-TEST MATERIAL FOR CIWP – L**

#### **Expansion of Renewable Energy in India**

##### **Why in News?**

India will be looking to expand its oil refining capacity over the next few years, while embracing cleaner fuels such as natural gas, hydrogen and renewables to meet its insatiable appetite for energy, Prime Minister Narendra Modi told the inaugural session of the India Energy Forum by CERAWeek. But India would have to meet its energy needs while keeping in mind the environmental needs, Prime Minister said, adding that New Delhi was committed to reduce its carbon footprint sharply in coming years in order to battle climate change.

##### **Connectedness to the Syllabus**

##### **Essay:**

UPSC may ask candidates to write an essay on the Energy Security in the changing global climatic scenario, India's road towards sustainable energy mix , global warming, and the issues related to it.

##### **General Studies I:**

- Distribution of key natural resources across the world (including South Asia and the Indian sub-continent); factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India).
- Important Geophysical phenomena such as earthquakes, Tsunami, Volcanic activity, cyclone etc., geographical features and their location-changes in critical geographical features (including water-bodies and ice-caps) and in flora and fauna and the effects of such changes.
- Population and Associated Issues, Poverty and Developmental issues, Urbanization, their problems and their remedies.

##### **General Studies II:**

- Government Policies and Interventions for Development in various sectors and Issues arising out of their Design and Implementation.
- Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources.
- Issues relating to poverty and hunger.
- Important International institutions, agencies and fora- their structure, mandate.

##### **General Studies III:**

- Indian Economy and issues relating to Planning, Mobilization of Resources, Growth, Development and Employment.
- Inclusive Growth and issues arising from it.
- Government Budgeting.
- Major crops-cropping patterns in various parts of the country, - different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers.

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- Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System- objectives, functioning, limitations, revamping; issues of buffer stocks and food security; Technology missions; economics of animal-rearing.
- Infrastructure: Energy, Ports, Roads, Airports, Railways etc.
- Investment Models.
- Science and Technology- Developments and their Applications and Effects in Everyday Life.
- Achievements of Indians in Science & Technology; Indigenization of Technology and Developing New Technology.
- Conservation, environmental pollution and degradation, environmental impact assessment.
- Disaster and disaster management.

#### **Articles Link**

<https://mercomindia.com/india-will-lead-renewable-energy-upswing/>

<https://energy.economictimes.indiatimes.com/news/power/opinion-low-energy-costs-will-be-key-to-indias-economic-recovery/79294934>

<https://www.thehindubusinessline.com/companies/danfoss-india-to-invest-100-crore-in-expansion-localisation/article33125965.ece>

<https://www.tribuneindia.com/news/nation/india-needs-to-limit-carbon-emissions-g20-climate-report-172125>

<https://www.downtoearth.org.in/news/energy/india-can-push-up-renewable-energy-the-most-after-covid-19-iea-74214>

<https://www.livemint.com/industry/energy/as-solar-projects-slow-down-developers-face-rising-costs-11604659825858.html>

<https://www.spglobal.com/platts/en/market-insights/latest-news/electric-power/102620-india-will-pursue-refining-expansion-embrace-clean-fuels-pm-modi>

#### **Figures and Maps**

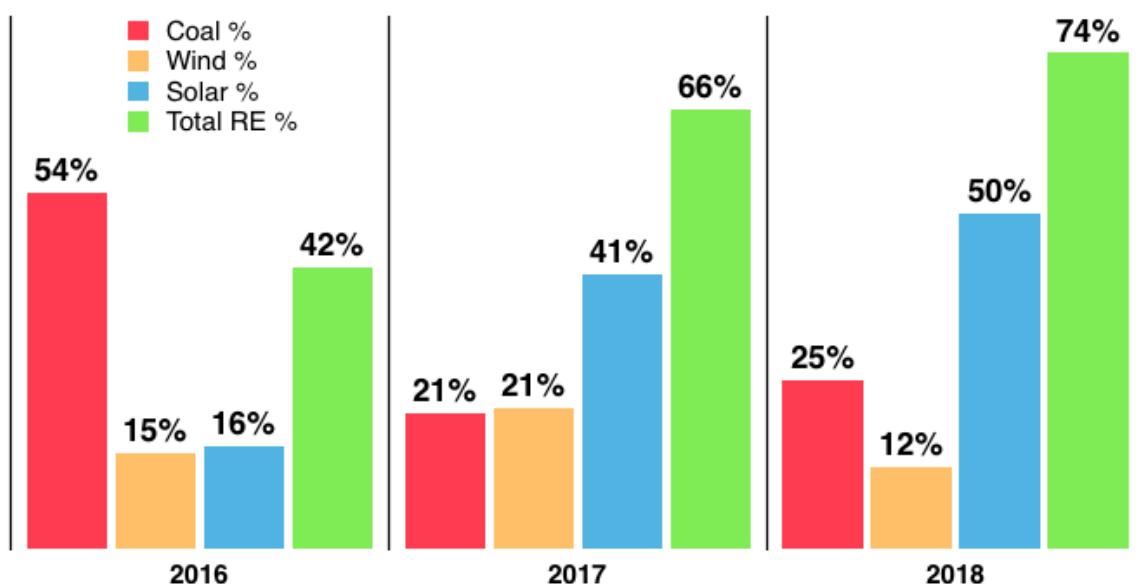
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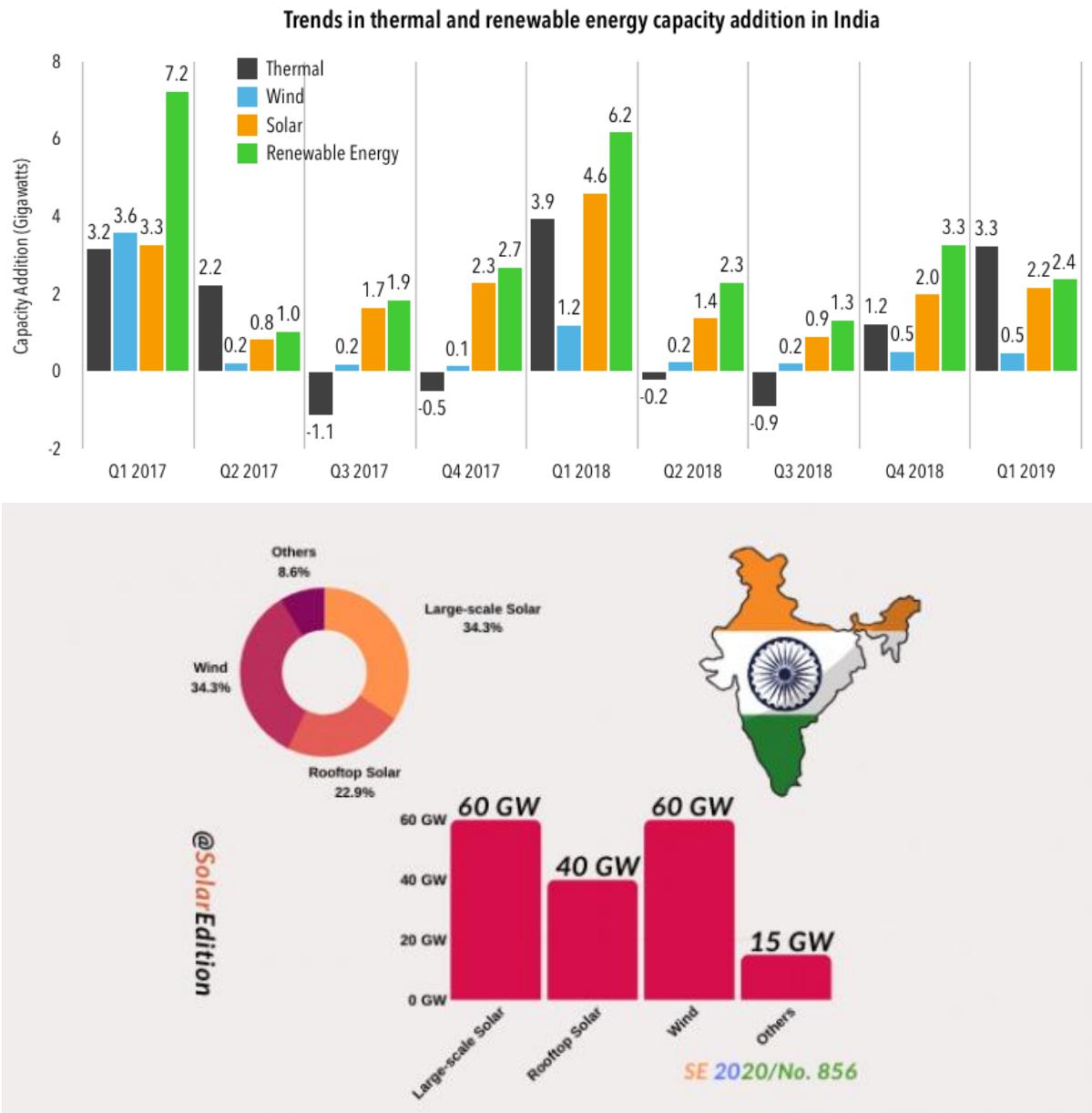
| 2030 Targets | Emissions Reduction | Carbon Intensity                 | Non-Fossil Fuel Contribution                                   | Carbon Sink Creation   |
|--------------|---------------------|----------------------------------|--|--|
|              | No target           | 33-35% by 2030, from 2005 levels | 40% share of cumulative capacity from non-fossil fuels by 2030 | 2.5bn to 3bn tonnes of CO <sub>2</sub> equivalent through additional forest and tree cover by 2030 |
| 2022 Targets | Wind Capacity       | Solar Capacity                   | Biomass Capacity   | Small-Scale Hydro Capacity   |
|              | 60 GW by 2022       | 100 GW by 2022                   | 10 GW by 2022  | 500 MW by 2022   |

Share of various technologies in new power capacity additions in India



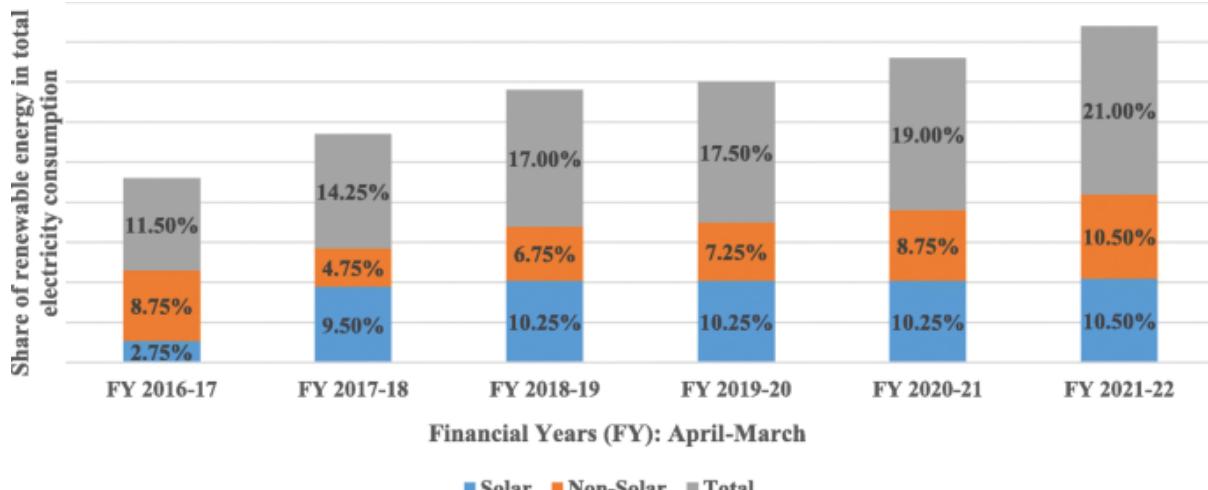
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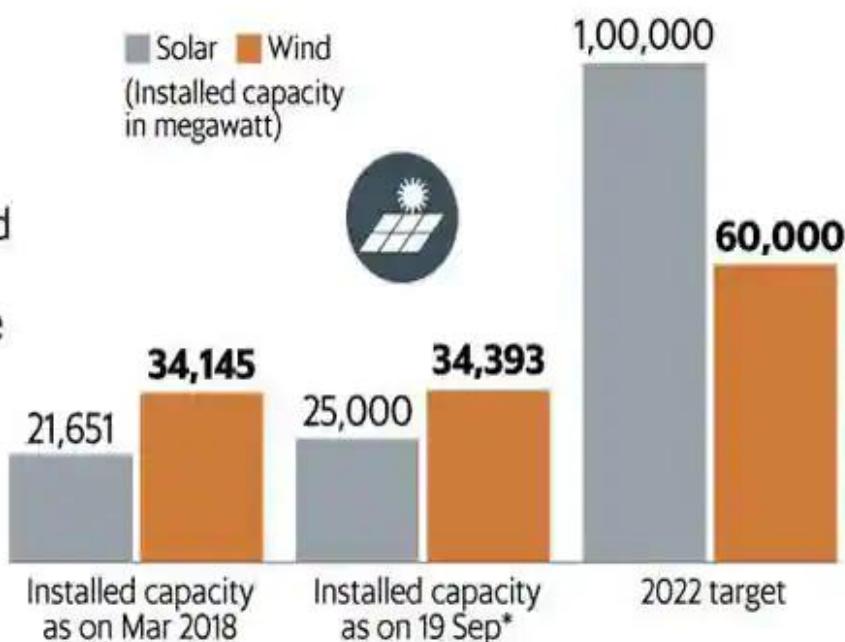
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## Installation trends

India's solar power installations reached 25,000 megawatts, marking a milestone in its 2022 target.



\*Wind installations as on July 2018

Source: Ministry of new and renewable energy; Mercom India research; Indian Wind Turbine Manufacturers Association

### Video Links

**India's Renewable Energy Journey; Ministry of New and Renewable Energy**

<https://www.youtube.com/watch?v=sk0mYHHWlYk>

**DD News: Renewable Energy in India**

<https://www.youtube.com/watch?v=ThoqotW2Xsk>

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#### **Down To Earth: State of Renewable Energy in India**

<https://www.youtube.com/watch?v=QzkohxsYPm0>

#### **CNBC International: Who is leading in renewable energy? | CNBC Explains**

[https://www.youtube.com/watch?v=fyqDC\\_AKVgE](https://www.youtube.com/watch?v=fyqDC_AKVgE)

#### **UN and the retreat from Multilateralism**

#### **Why in News?**

The United Nations commemorated its 75th anniversary on September 21, 2020 by adopting a declaration. The anniversary comes at a time when the world is witnessing a retreat from multilateralism. It also faces an unprecedented pandemic. In his address to the UN on September 22, the UN Secretary-General called the pandemic “the fifth horseman”. No one could have predicted it. It has also brought in its wake the deepest recession the world has seen since the 1930s. This has made it more difficult to achieve the Sustainable Development Goals (SDGs) the UN had adopted. The Secretary-General said the world is “careening off track” in achieving the SDGs.

#### **Connectedness to the Syllabus**

**Essay:** UPSC may ask candidates to write an essay on the United Nations Security Council Reforms, Role of Multilateral Institutions on maintaining international peace and cooperation and the issues related to it.

#### **General Studies I:**

- History of the world will include events from 18th century such as industrial revolution, world wars, redrawal of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.— their forms and effect on the society.
- Effects of globalization on Indian society.

#### **General Studies II:**

- Social empowerment, communalism, regionalism & secularism.
- India and its neighbourhood- relations.
- Bilateral, regional and global groupings and agreements involving India and/or affecting India’s interests.
- Effect of policies and politics of developed and developing countries on India’s interests, Indian diaspora.
- Important International institutions, agencies and fora- their structure, mandate.

#### **General Studies III:**

- Science and Technology- developments and their applications and effects in everyday life.
- Achievements of Indians in science & technology; indigenization of technology and developing new technology.

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### **PRE-TEST MATERIAL FOR CIWP – L**

- Awareness in the fields of IT, Space, Computers, robotics, nano-technology, biotechnology and issues relating to intellectual property rights.
- Conservation, environmental pollution and degradation, environmental impact assessment.
- Linkages between development and spread of extremism.
- Role of external state and non-state actors in creating challenges to internal security.
- Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money laundering and its prevention.
- Security challenges and their management in border areas - linkages of organized crime with terrorism.

#### **Articles Link**

<https://www.thehindu.com/opinion/op-ed/un-and-the-retreat-from-multilateralism/article32719319.ece>

<https://www.thehindu.com/opinion/editorial/a-new-world-order-the-hindu-editorial-on-un-reforms/article32672054.ece>

<https://www.orfonline.org/expert-speak/multilateralism-ground-zero-of-american-retreat/>

[https://ecfr.eu/article/commentary\\_europes\\_fight\\_for\\_multilateralism\\_with\\_or\\_without\\_the\\_us/](https://ecfr.eu/article/commentary_europes_fight_for_multilateralism_with_or_without_the_us/)

<http://global.chinadaily.com.cn/a/202011/18/WS5fb47598a31024ad0ba94ce9.html>

<https://www.theatlantic.com/politics/archive/2019/09/multilateralism-nearly-dead-s-terrible-news/598615/>

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#### **Figures and Maps**

## **Multilateralism:**

- ▶ An approach towards the international trade, monetary system, security & environment, based on ideas for the benefit of the group states in the global business.
- ▶ Multiple countries working in concert on a given issue.

## **Meaning(s) of Multilateralism**

- Key concept in International Relations
- Policy coordination among three or more states
- Primary norm of diplomacy and diplomatic practice
- An institutional form of collective action and core component of the global governance architecture

## Multilateralism in the 20th Century

- In international relations, *multilateralism is multiple countries working in concert on a given issue.*
- Multilateralism was defined by Miles Kahler as “*international governance of the ‘many,’*” and its central principle was “*opposition [of] bilateral discriminatory arrangements that were believed to enhance the leverage of the powerful over the weak and to increase international conflict.*”
- In 1990, Robert Keohane defined multilateralism as “*the practice of coordinating national policies in groups of three or more states*».
- 20th century was marked by the development of numerous international organizations, both small and large, geneal purpose and specialized, govermental and nongovernmantal .Figure 3.1

## Definitions of Multilateralism

- Robert Keohane: Cooperation or coordination of three or more nations in any form
- John Ruggie: Cooperation that is institutionalised through common rules and norms within the multilateral form
- James Caporaso: Multilateral cooperation that is regulated by general norms and indivisibility of values
- John Duffield: Highest form of multilateral institutionalisation that involves clear rules, compliance, commitment and an institutionalised third-party mediator

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#### **Video Links**

**FRANCE 24 English: US multilateral accords: Looking at America's retreat from international treaties**

[https://www.youtube.com/watch?v=\\_NODVVEemJ0](https://www.youtube.com/watch?v=_NODVVEemJ0)

**German Marshall Fund: Reinforcing Multilateralism: The UN at 75**

<https://www.youtube.com/watch?v=08rKbhlCJJ0>

**Diplo Foundation: [WebDebate #35] Diplomacy at the UN: Is multilateralism dead? (2020)**

[https://www.youtube.com/watch?v=yRq\\_yi24XSg](https://www.youtube.com/watch?v=yRq_yi24XSg)