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National and International News

<p>PM-Surya Ghar Muft Bijli Yojana</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Gujarat tops the list in Rooftop Solar System installations under the PM-Surya Ghar Muft Bijli Yojana. <p>Key Points:</p> <ul style="list-style-type: none"> It is a government scheme launched on February 15, 2024, that aims to provide free electricity to households in India. Under the scheme, households will be provided with a subsidy to install solar panels on their roofs. The subsidy will cover up to 40% of the cost of the solar panels. The scheme is expected to benefit 1 crore households across India. It is estimated that the scheme will save the government Rs. 75,000 crore per year in electricity costs. Under the scheme, DISCOMs are designated as State Implementation Agencies (SIAs) responsible for facilitating various measures, including net meter availability, timely inspection, and commissioning of installations. DISCOMs will receive incentives based on their achievement in the installation of additional grid-connected rooftop solar capacity beyond a baseline level.
<p>K-4 Missile</p>	<p>Why in news?</p> <ul style="list-style-type: none"> India has successfully tested a nuclear-capable ballistic missile, K-4 with a range of approximately 3,500 km, launched from a nuclear-powered submarine in the Bay of Bengal. This marks a significant enhancement of its nuclear deterrence and strategic capabilities. <p>Key Points:</p> <ul style="list-style-type: none"> The K-4 is a submarine-launched ballistic missile (SLBM) developed by India's Defence Research and Development Organisation (DRDO). The K-4 is a variant of the land-based Agni-III missile, and is designed to arm India's nuclear-powered submarines: Range- The K-4 has a range of 3,500 kilometers and can reach almost all of Pakistan and parts of China. Size- The K-4 is 10 meters long, weighs 20 tonnes, and has a diameter of 1.3 meters. Payload- The K-4 can carry a 2 tonne payload. Guidance- The K-4 uses an inertial navigation system with



		<p>GPS/NavIC satellite guidance for mid-course, and terrain contour matching for terminal guidance.</p> <ul style="list-style-type: none"> ● Engine- The K-4 has a two stage solid rocket motor and uses solid rocket propellant.
Ayushman Scheme	Bharat	<p>Why in news?</p> <ul style="list-style-type: none"> ● Atishi says Delhi is ready in principle to implement the Centre's Ayushman Bharat scheme. <p>Key Points:</p> <ul style="list-style-type: none"> ● It is the world's largest health assurance scheme. ● Year of Launch – 2018 as recommended by the National Health Policy, 2017 ● Ministry - Ministry of Health and Family Welfare (MoHFW) ● Aim – To achieve the vision of Universal Health Coverage (UHC) which encompasses promotive, preventive, curative, palliative and rehabilitative care. ● Funding – Centrally Sponsored Scheme (expenditure incurred in premium payment will be shared between Central and State governments) ● Coverage - Targets over 10 crore families (approximately 50 crore beneficiaries) based on SECC (Socio-Economic Caste Census) ● Implementing Agency – National Health Authority (NHA) ● Ayushman Bharat Digital Mission (ABDM) – It was launched in 2021 to provide Unique Digital Health IDs (UHID) for all Indian citizens to help hospitals, insurance firms, and citizens access health records electronically when required.
Graded Response Action Plan (GRAP)	Response	<p>Why in news?</p> <ul style="list-style-type: none"> ● The Supreme Court directed the implementation of heightened Stage 4 restrictions under the Graded Response Action Plan (GRAP) to address air pollution in Delhi and the National Capital Region. <p>Key Points:</p> <ul style="list-style-type: none"> ● GRAP is a framework designed to combat air pollution in the Delhi-NCR region. ● It was introduced as an emergency response mechanism, and its implementation is triggered when the Air Quality Index (AQI) reaches "poor" levels. ● GRAP is particularly important during the winter months when air quality tends to plummet. ● The Commission for Air Quality Management (CAQM) in NCR and adjoining areas oversees the implementation of GRAP. ● It collaborates with the Ministry of Environment, Forest and Climate Change (MoEFCC). ● The CAQM has constituted a sub-committee for the



	<p>operationalization of the GRAP.</p> <ul style="list-style-type: none"> • Different stages of GRAP: GRAP consists of four stages, each with targeted actions to be taken by the necessary authorities and agencies. These are the following: <ul style="list-style-type: none"> ○ Stage I: "Poor" air quality (Delhi AQI: 201-300) ○ Stage II: "Very Poor" air quality (Delhi AQI: 301-400) ○ Stage III: "Severe" air quality (Delhi AQI: 401-450) ○ Stage IV: "Severe+" air quality (Delhi AQI > 450) <p>What is the Air Quality Index (AQI)?</p> <ul style="list-style-type: none"> • AQI is issued by government agencies to gauge air pollution levels and communicate risks to the public. • It indicates how air pollution can affect health, with higher AQI values indicating more severe health concerns. • According to the AQI scale, the air quality check between 0 and 50 is "Good", 51 and 100 "Satisfactory", 101 and 200 "Moderate", 201 and 300 "Poor", 301 and 400 "Very Poor", 401 and 450 "Severe" and over 450 as "Severe +
<p>'Bal Vivah Mukta Bharat' Campaign</p>	<p>Why in news?</p> <ul style="list-style-type: none"> • The Union women and child development minister recently launched the "Bal Vivah Mukta Bharat Campaign". <p>Key Points:</p> <ul style="list-style-type: none"> • It was launched by the Ministry of Women and Child Development, Government of India. • It seeks to engage multiple stakeholders in a collective effort to eliminate child marriage in India. • It will focus on the seven high-burden states-West Bengal, Bihar, Jharkhand, Rajasthan, Tripura, Assam, and Andhra Pradesh-and nearly 300 high-burden districts where child marriage rates are high as compared to the national average. • The campaign will call on every State and Union Territory to devise an action plan aimed at reducing the child marriage rates below 5% by 2029. • A key feature of the initiative is the launch of the Child Marriage Free Bharat portal, a platform to raise awareness, report cases, and monitor progress.



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