UPSC Daily Current Affairs| One Liners 07-04-2025

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History, Art and Culture

Hamari Parampara Hamari Virasat
(Our Tradition, Our Heritage)

Recently, a day long national level program in New Delhi in dedication to the 150th Birth Anniversary of Bhagwan Birsa Munda.

• **Launched by** – Ministry of Panchayati Raj (MoPR), in collaboration with the Government of Jharkhand.

• **Objcetives** – To *integrate tribal heritage into the nation's cultural and governance framework* and to document the vibrant history and cultural practices of villages across Jharkhand.

• To preserve, enhance, and *transmit to future generations* the cultural heritage, folk songs, festivals, and worship practices integral of various ST communities in Scheduled Areas.

• **Events** – Traditional *Mundari dance of the Santhali community* and Munda tribal storytelling, etc.,

• **Significance** – It *aligns with the Panchayats (Extension to the Scheduled Areas) Act, 1996* (PESA Act), which empowers Gram Sabhas in Scheduled Areas to safeguard tribal customs, traditions, and self-governance.

Polity & Governance

Vibrant Villages Programme-II (VVP-II)

Recently, Union Cabinet approved the Vibrant Villages Programme -II (VVP-II).

• It is a *central sector scheme* (100% Centre funding).

• **Objectives** – For comprehensive development of the villages located in the blocks abutting international land borders (ILBs), other than the Northern border already covered under VVP-I.

• To *control trans-border crime* and assimilate the border population with the nation and inculcate them *'as eyes and ears of the border guarding forces*.

• **Implementation –** In select strategic villages of States/UTs
- Arunachal Pradesh, Assam, Bihar, Gujarat, J&K, Ladakh, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Sikkim, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.

• **Duration** – For financial years 2024-25 to 2028-29.

• **Significance** – VVP-II along with VVP-I is a transformative initiative to make the *border villages self-reliant and vibrant*.

Related News- Vibrant Village Programme I (VVP-I)

Economy

Multitracking Projects

Recently, Union Cabinet approves 4 multitracking projects across Indian Railways.

• It refers to the addition of more than one railway track to an existing single or double-track line.
• **Aim –** To ensure seamless and faster transportation of both passengers and goods.
• **Umbrella scheme –** PM Gati Shakti National Master Plan.
• **Coverage** – 4 projects cover *15 Districts in 3 States* (Maharashtra, Odisha, and Chhattisgarh).
• **Significance** – It will enhance connectivity to about 3350 villages and about 47.25 lakh population.

Agriculture

Sub-Mission on Agricultural Mechanization' (SMAM)

Recently, Minister of Agriculture and Farmers' Welfare informed about the role of SMAM in promotion of agriculture in Parliament.

• **Objective** – To provide *financial assistance to farmers* for Purchase of various agricultural machines and equipments including the post-harvest & processing technologies on individual ownership basis.
• **Umbrella scheme** – Rashtriya Krishi Vikas Yojana (RKVY) under Ministry of Agriculture and Farmers Welfare.
• **Implementation** – It will be implemented in all the Indian states.
• **Features –** It has both *centrally sponsored and central sector scheme components.*
• Custom Hiring Centres (CHCs) & Village Level Farm Machinery Banks (FMBs) to Provide machines and equipments to the farmers on rental basis as per their requirements.

Security

INDRA-2025

Recently, 14th edition of INDRA exercise was concluded in India.

• It is a ***bilateral naval*** exercise between *Indian and Russia*.
• **Started in** – 2003.
• **Objectives** – To *enhance jointmanship* and reinforce the shared commitment to uphold the principles of maritime order, promote global peace and stability.
• **Operations** – It involved complex coordinated manoeuvres and simulated engagements showcasing the combined combat power of the participating navies.

Science

HANSA-3 Next Generation (NG)

Recently, the Ministry of Science & Technology launched HANSA-3 (NG).

• It is an *indigenous trainer aircraft technology* for pilot licensing.
• **Developed by** – Council of Scientific & Industrial Research (CSIR).
• **Features** – It is 2-seater trainer aircraft with a digital display (glass cockpit) system and powered by an advanced *fuel-efficient sports engine*.
• **Significance** – It will fulfill the requirements of flying clubs in providing PPL (Private Pilot License) and CPL (Commercial Pilot License) training to the young generation.

Medium-Range Surface-to-Air Missile (MRSAM) Tests

Recently, 4 flight-tests of the Army version of Medium-Range Surface-to-Air Missile (MRSAM) from Dr APJ Abdul Kalam Island off the coast of Odisha was successfully completed.

• **Tests** – The missiles intercepted the aerial targets and destroyed them, registering direct hits.
• **Carried out by** – Indian Army from Eastern and Southern Commands under DRDO guidance.
• **MRSAM developed by** – DRDO and Israel Aerospace Industries.
• **MRSAM Army weapon system –** It comprises multi-function radar, command post, mobile launcher system and other vehicles.

Asteroid 2024 YR4

According to the latest reports, the asteroid named 2024 YR4 has a near chance of 4% to impact the Moon.

• **Discovered in** – 2024, by NASA's James Webb Space Telescope.
• The asteroid *dubbed as a City killer*, which was initially reported *3.1% chance of impact Earth in 2032*.
• **Impact** – The collision of this asteroid will be *500 times more powerful than the Hiroshima bomb*.

***YR4** measures between 53-67 metres in diameter, making it as big as a 15-storey building.*

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