

Daily Current Affairs

 Date : 24 September, 2025



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3 New Members Appointed to RPSC



Why in News?

- Recently, the Governor of Rajasthan appointed three new members to the Rajasthan Public Service Commission (RPSC).



Key Points:

- Newly Appointed Members:** Former IPS Officer Hemant Priyadarshi, Dr. Ashok Kalwar, and Dr. Sushil Bissu.
- With the appointment of three new members, the total number of members in the RPSC, including the Chairman, has reached eight.

Current Chairman and Members of the RPSC:

- Chairman:** IPS Utkal Ranjan Sahu.

Members:

- Dr. Sangeeta Arya
- Professor Ayub Khan
- Kailash Chand Meena
- Lieutenant Colonel Kesari Singh Rathore
- Hemant Priyadarshi
- Dr. Ashok Kalwar
- Dr. Sushil Bissu.

Facts for Prelims:

Rajasthan Public Service Commission (RPSC)

- The Rajasthan Public Service Commission (RPSC) is a constitutional body.
- Constitutional Provisions:** Part XIV of the Constitution, Articles 315 to 323, provides for the composition of the State Public Service Commission (SPSC), the appointment and removal of its members, and the powers and functions of the SPSC.



- **Composition:** RPSC consists of a Chairman and 10 members, all of whom are appointed by the Governor of Rajasthan.
- **Resignation:** Addressed to the Governor.
- **Functions** - The Chairman and members of the Commission hold office for a maximum term of six years or until they reach the age of 62, whichever is earlier.

Functions:

1. Conducts examinations for appointments to state services.
2. Advises the government on matters related to personnel management.
3. Advises on methods of recruitment to the civil services.
4. Lays down principles for appointment, promotion, and transfer.

Background before establishment:

- In 1923, the Lee Commission recommended the establishment of the Union Public Service Commission (UPSC) in India, but made no recommendations regarding the provincial public service commissions.
- At the time of the formation of the state of Rajasthan, only three of the 22 princely states—Jaipur, Jodhpur, and Bikaner—had functioning public service commissions.
- After the unification of the princely states, the Rajasthan Public Service Commission Ordinance, 1949, was published in the gazette on August 20, 1949.
- The gazette notification was published on December 22, 1949, which is considered as the date of establishment of the commission.
- Initially, the commission consisted of one chairman and two members.
- **Chairman:** Sir S.K. Ghosh (the then Chief Justice)
- **Members:** Devishankar Tiwari and N.R. Chandorkar.

National Ayurveda Day: State-Level Celebration



Why in News?

- A state-level celebration was held on September 23, 2025, at the Rajasthan International Centre (RIC) in Jaipur to mark the 10th National Ayurveda Day.



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Key Points:

- **Theme:** Ayurveda for the People, for the Welfare of the Earth.
- A total of ₹348.88 crore has been sanctioned under the State Annual Action Plan for the year 2025-26, supported by the National AYUSH Mission in Rajasthan.
- The Rajasthan government has added 20 AYUSH medical packages to the Ayushman Arogya Yojana (Ayyy) from April 1, 2025, empaneling 79 Ayurveda hospitals.
- Initially, 210 villages have been selected under the Ayushman Arogya Gram Yojana. These villages will be transformed into fully healthy villages by creating awareness about healthy lifestyles. An incentive of ₹11 lakh will be provided to the selected villages for this work.
- **Government Ayurveda College:** At Chaksu (Jaipur)
- **Integrated AYUSH Hospitals:** In Dudu and Bundi.

National AYUSH Mission:

- This mission was launched in September 2014 by the Department of AYUSH under the Ministry of Health and Family Welfare for implementation through states/union territories.
- It is currently being implemented by the Ministry of AYUSH.
- Under the AYUSH Mission, Rajasthan has operationalized the highest number of Ayushman Arogya Mandirs in the country in 2019, reflecting the state's commitment to holistic healthcare.

Facts for Prelims:

- Recently, the Central Government officially declared September 23 as Ayurveda Day.
- Previously, Ayurveda Day was celebrated on Dhanteras.

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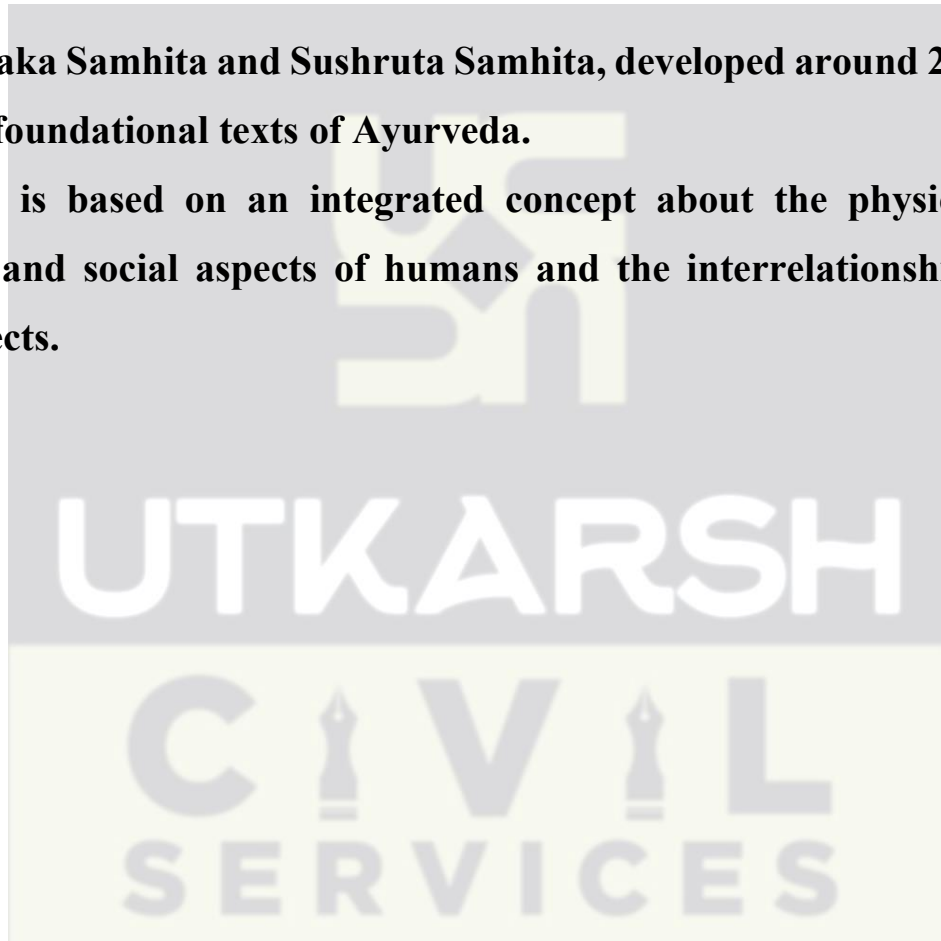
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Other Important Points:

Ayurveda System of Medicine:

- Ayurveda literally means "Science of Life." Ayurveda developed from various Vedic verses that explain the fundamental philosophy about life, disease, and health.
- The Charaka Samhita and Sushruta Samhita, developed around 2500 BC, are the main foundational texts of Ayurveda.
- Ayurveda is based on an integrated concept about the physical, mental, spiritual, and social aspects of humans and the interrelationships between these aspects.



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Rising Bharat Summit and Awards (RBSA) – 2025



Why in News?

- Recently, the Rising Bharat Summit and Awards (RBSA) – 2025 was held in Jaipur.



Key Points:

- **Dr. Naveen Sharma:** "Artificial Intelligence Visionary of the Year Award – 2025"
- He was awarded this award for his outstanding contribution in the field of AI and cybersecurity.
- **Ankit Khandelwal:** "Best Wedding and Corporate Anchor of India Award – 2025"
- **Inaya Khan:** Inaya Khan, brand ambassador of the "Beti Bachao-Beti Padhao Abhiyaan," was awarded for her outstanding work in the field of girl child education and women's empowerment.

"Elaphropoda gupti" – a new species of bee



Why in News?

- Two new species of bees have been discovered in Namdapha National Park in Arunachal Pradesh.



Key Points:

- This discovery was made by the team of Jodhpur resident Dr. Sandeep Hooda.
- One of the two species discovered has been named "Elaphropoda guptii." This name honors the late Professor Rajiv Gupta.
- He was the former Head of the Department of Zoology at Jai Narayan Vyas University (JNVU), Jodhpur, and made significant contributions to global recognition of bee diversity in India.
- Due to deforestation, excessive use of pesticides, and climate change, many bee species are on the verge of extinction.
- Bees are considered nature's little soldiers because they play a vital role in maintaining ecological balance.

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INTERNATIONAL



Recognition of Palestine as a State



Why in News?

- The United Kingdom, Canada, Portugal, and Australia have recognized Palestine as a State.



Key Points:

- There are now over 140 UN members that have recognized Palestine as a State.
- India recognized Palestine as a State in 1988.
 - o Recently, India voted in favor of the “New York Declaration” at the United Nations General Assembly (UNGA). This declaration calls for a peaceful resolution of the Palestine-Israel conflict and the implementation of a “two-state solution.”



Recognition of States

- When a country accepts another jurisdiction as a state, it is called “recognition.”
- Article 1 of the 1933 Montevideo Convention on the Rights and Duties of Statehood defines the criteria for statehood. These criteria include:
 - o Permanent population, definite territorial area, government, capacity to establish relations with other states, etc.

Effects of State Recognition:

- Upon recognition, a state can establish diplomatic relations with other states.
- It can enter into treaties with other states.
- It enjoys the rights and privileges of a state at the international level.
- It can become a member of the United Nations Organization (UNO).
- Palestine is currently a "permanent observer state" of the United Nations, not a full member.

Bagram Airbase



Why in News?

- The United States is negotiating with Afghanistan to regain control of Bagram Airbase.



Key Points:

- It is Afghanistan's largest airbase. It is located north of the capital, Kabul.
- It was developed by the Soviet Union in the 1950s. After the Soviet withdrawal, it became a center of conflict between the Taliban and the Northern Alliance in the 1990s.
- After the 2001 terrorist attacks on the United States, it became a central focus of the US war on terrorism in Afghanistan.
- US and NATO troops vacated Bagram Airbase in 2021.

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Baltic Sea



Why in News?

- Germany deployed its fighter jets after a Russian military aircraft entered Baltic Sea airspace.



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Key Points:

- **Location:** It is in the North Atlantic Ocean. It extends from southern Denmark to near the Arctic Circle.
- **Countries:** Denmark, Sweden, Finland, Russia, Estonia, Latvia, Lithuania, Poland, and Germany.
 - o It is the largest expanse of brackish water in the world. It is semi-enclosed and shallow.
 - o The Kiel Canal (in Germany) connects the Baltic Sea to the North Sea.
 - o Its important gulfs are the Gulf of Bothnia, the Gulf of Finland, and the Gulf of Gdansk.





ENVIRONMENT & ECOLOGY



Recently, a comprehensive



Why in News?

- A study has found that if Sri Lanka were not a landmass, swell waves coming from the Southern Ocean could hit India's eastern coast. This could cause flooding and coastal erosion.



Key Points:

Swell Waves:

- These are long-wavelength ocean waves that travel far from their origin.
- They are mainly generated by storms or strong wind currents.
- They are less affected by local winds or currents. Their frequency is very low and they do not cause surface foam, so satellites cannot capture their images.
- In India, they are called "Kallakkadal waves."

SCIENCE & TECHNOLOGY

Underground Neutrino Detector



Why in News?

- The world's largest neutrino detector has been activated in China. It is named the Jiangmin Underground Neutrino Observatory (JUNO). This observatory is located at a depth of 700 meters.



Key Points:

- Most neutrino observatories are built underground so that the Earth's surface can block particles. This reduces interference from particles like muons. Muon is a type of elementary subatomic particle, similar to electron.

JUNO's Main Objectives:

- **Determining the Mass Order:** One of its goals is to determine the order of mass between the three types of neutrinos (electron neutrinos, muon neutrinos, and tau neutrinos). All of them are associated with their respective atoms.
- **Measuring the Oscillation Frequency:** The other objective is to measure the frequency of neutrino oscillation, that is, to find out how often neutrinos switch from one type to another.

Neutrinos:

- **Nature:** These are subatomic particles. They are often called 'ghost particles'. They have no electric charge and can have very little or no mass.

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- **Occurrence:** They are the second most abundant particle after photons (particles of light). Furthermore, they are the most abundant particle in the universe with mass.
- **Detection:** They are difficult to detect because they interact with matter only through the weak nuclear force and gravity.
- **Properties:** They are unaffected by even the strongest magnetic fields. They travel from their source at nearly the speed of light and in straight lines.

India-based Neutrino Observatory (INO):

- It is jointly funded by the Department of Atomic Energy (DAE) and the Department of Science and Technology (DST).
- **Location:** It is under construction in Pottipuram, nestled in the Bodi West Hills of Theni district, Tamil Nadu.

Extreme Nuclear Transients (ENTs)



Why in News?

- Astronomers have identified a new type of phenomenon called 'Extreme Nuclear Transients (ENTs).'



Key Points:

Extreme Nuclear Transients:

- This phenomenon occurs when stars at least three times as massive as the Sun are destroyed by a supermassive black hole.
- When a star approaches a black hole's event horizon, its strong gravitational forces twist it into a long and thin, spaghetti-like shape.
 - o This process generates a huge amount of electromagnetic energy, and these emissions are called extreme nuclear transients.

Vyommitra



Why in News?

- ISRO Chairman V. Narayanan unveiled the AI-powered robot 'Vyommitra.'

This robot will fly with the unmanned Gaganyaan mission.



Key Points:

Vyommitra:

- **Developer:** Indian Space Research Organisation (ISRO)
- It is an AI-based half-humanoid robot.
- The name Vyommitra is derived from two Sanskrit words, "vyom" (meaning space) and "mitra" (meaning friend).
- This "female robot astronaut" is capable of monitoring module parameters, issuing warnings, and performing tasks related to life support systems.

Quasi-Moon: '2025 PN7'



Why in News?

- Astronomers have identified a small quasi-moon: '2025 PN7', that has been orbiting near Earth for nearly 60 years.



Key Points:

Quasi-Moon:

- A quasi-moon is also called a quasi-satellite. A quasi-moon is a celestial body.
 - o It orbits the Sun, but due to its parallel orbit to a planet, it appears to be moving with that planet.
 - o It is primarily affected by the Sun's gravity, not the planet's.
 - o It is not a true moon because it does not orbit the planet directly like the Moon.
- Astronomers have discovered six known quasi-moons of Earth so far.



SCHEMES



Sawalkote Project



Why in News?

- The Expert Appraisal Committee of the Union Ministry of Environment, Forest and Climate Change will examine the Sawalkote Project for granting environmental clearance.



Key Points:

Sawalkote Project:

- It is a run-of-the-river project proposed on the Chenab River.
- **Location:** Ramban and Udhampur districts of Jammu and Kashmir.
- **Implementing Agency:** National Hydroelectric Power Corporation (NHPC).
It is a Mini Ratna Category-I public sector undertaking of the Government of India.

Pradhan Mantri Ujjwala Yojana (PMUY)



Why in News?

- The government approved 2.5 million additional LPG connections under the Pradhan Mantri Ujjwala Yojana (PMUY).



Key Points:

- With this, the total number of PMUY connections will reach 105.8 million.

Pradhan Mantri Ujjwala Yojana (PMUY):

- **Ministry:** Ministry of Petroleum and Natural Gas (MoPNG).
- **Type:** Central Sector Scheme.
- **Launch:** Launched in 2016 to provide free LPG connections to 8 crore rural poor.
 - o **Ujjwala 2.0 (2021):** Allocation of 1.6 crore additional LPG connections under the PMUY scheme, with special facilities for migrant families.
 - o **Additional approvals (2023-24 to 2025-26):** 75 lakh additional connections have been approved, with a total target of 10.35 crore LPG connections.
- **Implementation:** Implemented by the Ministry of Petroleum and Natural Gas (MoPNG) in collaboration with oil marketing companies (OMCs) and state governments.
- **Eligibility:** Adult women (at least 18 years of age) belonging to a BPL family who do not already have an LPG connection in their household.
- **Exclusions:** Families that already have an LPG connection from any oil marketing company will not be eligible for this scheme.
 - o Households without an adult female member will not be eligible for a gas connection under this scheme.

Maitri 2.0 Cross-Incubation Program



Why in News?

- The Indian Council of Agricultural Research (ICAR) launched the second edition of the India-Brazil Cross-Incubation Program in Agritech. This program is called 'Maitri 2.0'.



Key Points:

Maitri 2.0:

- This is a joint initiative, building on the experiences of Maitri 1.0. It was launched by ICAR to enhance collaboration between Indian and Brazilian startups and innovators.
- It aims to promote a robust food system by focusing on sustainable agriculture, digital technology, and value chain development.



INDEXES AND REPORTS



Industrial Park Rating System (IPRS) 3.0



Why in News?

- The Union Ministry of Commerce and Industry launched IPRS 3.0.



Key Points:

Industrial Park Rating System 3.0:

- Under this system, industrial parks will be standardized and classified into Leaders, Challengers, and Aspirants based on their performance across various indicators.
- **Developer:** It is developed by the Department for Promotion of Industry and Internal Trade (DPIIT) in collaboration with the Asian Development Bank (ADB).
- **New Key Elements:** It includes new criteria such as sustainability, green infrastructure, logistics connectivity, digitization, skill linkage, and talent feedback.

SPORTS

World Athletics Championships, 2025



Key Points:

- **Event:** Held from September 13 to 21, 2025, at the Japan National Stadium, Tokyo, Japan.
- The 2025 World Athletics Championships have been held in Japan for the third time. The first was held in Tokyo in 1991, and the second in Osaka in 2007.
- **Edition:** 20th.
- **Total Medals:** 147.
- **Participants:** 2,202 athletes from 198 countries competing in 49 athletics events.
- **Qualification Event:** The 2025 World Athletics Relays, held in Guangzhou, China, qualified the top 14 relay teams for the championships.

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- **Next Edition:** The 21st World Athletics Championships will be held in Beijing, China, in 2027.

Medal Table:

Rank	Country	Gold Medals	Silver Medals	Bronze Medals	Total Medals
1st	United States	16	5	5	26
2nd	Kenya	7	2	2	11
3rd	Canada	3	1	1	5
4th	Netherlands	2	2	2	6
5th	Botswana	2	0	1	3
5th	Spain	2	0	1	3
5th	New Zealand	2	0	1	3
5th	Sweden	2	0	1	3
40th	Japan	0	0	2	2

Key Athletes and Records:

- One world record and nine championship records were set, including first-time World Championship medals for Samoa, Saint Lucia, and Uruguay, and a first-time World Championship gold medal for Tanzania.
- **Melissa Jefferson-Wooden (USA):** Won gold medals in the 100 meters, 200 meters, and 4x100 meter relay, setting a championship record in the 100 meters (10.61 seconds).
- **Mondo Duplantis (Sweden):** Set a world record in the men's pole vault, clearing 6.30 meters.

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- **Sydney McLaughlin-Levrone (USA):** Broke the championship record in the women's 400 meters with a time of 47.78 seconds, the second-fastest time in history.

India's performance:

- **Medals:** India did not win a medal, its first in two editions.

Event	Athlete	Performance / Result
High Jump	Sarvesh Anil Kushare	Finished 6th in men's high jump final with a personal best of 2.28m. Became the first Indian high jumper to reach a World Athletics Championships final.
Javelin Throw	Sachin Yadav	Finished 4th with a throw of 86.27m.
	Neeraj Chopra	Finished 8th with a best throw of 84.03m.
5000 Metres	Gulveer Singh	Missed qualification for the 5000m final by just 0.19 seconds.



NEWS IN SHORTS

S. No.	News
1.	<p>Heo and Tato-I</p> <ul style="list-style-type: none">Recently, the Prime Minister laid the foundation stone for two hydroelectric projects, the Heo and Tato-I, on the Siom River near the China border in Arunachal Pradesh. <p>Siom River:</p> <ul style="list-style-type: none">It originates in the Eastern Himalayas.The river flows from west to east for most of its course and finally joins the Siang River.The Siang River in Arunachal Pradesh flows under the name Brahmaputra after being joined by several other rivers.
2.	<p>La Orchila Archipelago</p> <ul style="list-style-type: none">Venezuela began military exercises on its Caribbean island of La Orchila. It is worth noting that tensions have risen due to increased US military activity in the region.It is located off the coast of Venezuela in the Caribbean Sea of the Atlantic Ocean. Venezuela has a military base here.
3.	<p>Production Gap Report, 2025</p> <ul style="list-style-type: none">It is released recently on 22 September, 2025 by the Stockholm Environment Institute, Climate Analytics, and the International Institute for Sustainable Development.

4.

Project Vijayak

- The Border Roads Organisation (BRO)'s Project Vijayak celebrated its 15th anniversary in Kargil (Ladakh).
Project Vijayak:
- Launched in 2010, it was tasked with providing road connectivity to the Kargil and Zaskar regions, which were previously under the Project Himank.
- The project's name is derived from Operation Vijay (the 1999 Kargil War).
- This project has played an important role in strengthening the security infrastructure near the Line of Control (LoC).

