



**UPSC  
&  
BPSC**

# MONTHLY CURRENT AFFAIRS MAGAZINE

*(With special focus on BIHAR)*

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English**



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# About This Magazine

In civil services preparation, current affairs are always a key part of success. Whether you're preparing for Prelims, Mains, or the Interview, exams like UPSC/BPSC and other state-level civil services tests need more than just book knowledge. They also require you to stay updated with what's happening in the world.

This monthly current affairs magazine is made to help with that. It brings together important and relevant updates from national and international news, government schemes, the economy, environment, science and tech, major court rulings, and more. Everything is picked from trusted sources like The Hindu, PIB, Indian Express, Yojana, Kurukshetra, and official government sites, so you get accurate and to-the-point content that matches the latest UPSC/BPSC and state exam patterns.

Each topic is chosen with care and includes facts and concepts that matter for Prelims, Mains, and Interviews.

Whether you're just starting out or revising key topics, this magazine is here to support your preparation month by month.

We hope this helps you think clearly, prepare smartly, and move one step closer to your goal.

Thank you,  
The ACHIEVERS' IAS ACADEMY, PATNA Team

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# JUNE 2025

## 72nd Miss world Contest 2025



- ❖ On 31st May 2025, Suchata Huangsri of Thailand has been elected as the miss world.
- ❖ Suchata was crowned the 2024 Miss World, Krystyna Pyszkova of the Czech Republic.
- ❖ She is the first from Thailand to win this title.
- ❖ The venue of the 72<sup>nd</sup> miss world contest 2025 was HITEX Exhibition Centre, Hyderabad, Telangana, India.
- ❖ Miss India Nandini Gupta could reached up to Top 20. Miss world competition started on 11 May in Hyderabad. (At Gachibowli Stadium)
- ❖ It was started for the first time in 1951 in UK by Mr. Eric Morley. It is the oldest existing international beauty pageant.
- ❖ Ms. Kerstin Margareta "kiki" Hakansson of Sweden was the first to be crowned with this title in 1951.
- ❖ Miss World was organized for the first time in India in 1996.
- ❖ Till now, 6 women from India have become Miss World-
  - (1) Reita Faria (1966, Maharashtra)
  - (2) Aishwarya Rai (1994, Karnataka)
  - (3) Diana Hyden (1997)
  - (4) Yukta Mookhey (1999, Maharashtra)
  - (5) Priyanka Chopra (2000)
  - (6) Manushi Chhillar (2017, Haryana)



## CDS on the operation Sindoor

- ❖ The Chief of Defence staff (CDS) General Anil Chauhan, on 31st May Confirmed the losses in the air" by saying that losses had occurred during the initial stages but after that India rectified tactics and then went back on 7th 8th, 10th (May 2025) in large numbers to hit air base deep inside Pakistan.



## Shadow Economy in India.

- ❖ According to the World Bank, the size of India's shadow economy has declined from 26.1% of its GDP in 1990 to 15.9% in 2020.





- ❖ Shadow economy is defined as those businesses which are not reported to the Government either through payment of taxes or through Registration.
- ❖ Smuggling, vendors who don't pay taxes or register themselves with government agencies or regulatory bodies.

### **Bihar's largest solar power plant**

- ❖ By the end of 2025, Bihar's largest solar power plant Kajra, Lakhisarai will be operational. Bihar will get 185 MW of electricity from here.
- ❖ Due to being a battery storage power plant, Kajra's electricity can be used during peak hours i.e. from 7 pm to 11 pm



### **Incentive amount for Civil Services Exams**

- ❖ The Government of Bihar gives a lump sum incentive to the girl students who pass the Civil Services PT exam.
- ❖ This scheme was started for UPSC in 2021 under which Rs 1 lakh is given.
- ❖ At the same time, the girl students who are successful in BPSC PT are given an incentive amount of Rs 50,000. It was started from the 67th BPSC in 2022.
- ❖ This scheme is operated by Mahila Vikas Nigam, Government of Bihar.

### **87th Commissioner of Patna**

- ❖ IAS officer Chandrashekhar Singh has been appointed as the 87th commissioner of Patna division.

### **Modern Saudi Arabia**

- ❖ Saudi Arabia, which banned alcohol in 1952 under King Ibn Saud, has allowed opening of liquor shops at 600 tourist places from 2026.
- ❖ Saudi Arabian Muslims follow the Hanafi sect (a branch of Sunni Islam) but along with UAE, Qatar, Kuwait, Bahrain and Egypt, the country is moving towards building an inclusive society.
- ❖ Islam is the second largest religion in the world and people from Saudi Arabia, where the holy places of Islam, Mecca and Medina are located, are expected to follow the Muslim traditions.



- ❖ Arab countries are moving towards modernity, a prime example of which is the abolition of the state status of Islam by Tunisia (here 99% of the population is Muslim).

### Ukraine's biggest attack on Russia

- ❖ On 1 June 2025, Ukraine completely destroyed more than 40 bombers stationed at Olenya and Belaya airbases in the Murmansk and Irkutsk regions of Russia. These sites are 7000 km away from Ukraine.



- ❖ Ukrainian President Zelensky said that this attack was carried out with the help of 117 drone weapons under Operation Spider's Web.
- ❖ Efforts for peace talks between these two countries are ongoing in Turkey.

### The tallest 3D printed building

- ❖ Switzerland has built the world's tallest 3D building 'Tor Alva' in Zurich.
- ❖ It is 98.5 feet high.

### Scheme to promote Manufacturing of Electric Passenger cars in India (SPMEPCI)

- ❖ This Scheme was launched on 15 March 2024.
  - ❖ Why is news now?  
→ The Government of India notified the guidelines under it 15 months after the government first announced its import Policy.
1. Under this scheme, government has allowed import of completely built units (CIF) value of minimum 35,000 USD at a concessional rate of 15%.
  2. This permission is valid for 5 years.



3. At this concessional rate, the company can import 8000 vehicles in a year. There is a carry-over in this, i.e. if this many cars are not imported in a given year, then the target can be achieved by importing them in the next year.

(4) The company must commit to invest at least Rs 4,150 crore (about \$500 million) in manufacturing in India within 3 years. There will be no maximum investment limit.

### Exchange of bodies of dead soldiers

- ❖ In the Russia-Ukraine peace talks held in Istanbul, Turkey on 2 June 2025, both countries have agreed to exchange the bodies of 6000 soldiers killed in the war.

### French Nuclear Umbrella

- ❖ In 1960s the French President Charles de Gaulle had warned that Americans were more our friends than Russians are But the us too had interests. And one day their interests would clash with ours.
  - ❖ In fact he was the first to evolve the Principle of superpower detachment. He visualised the concept of France's sovereign nuclear deterrent.
  - ❖ This resolution, now known as the French Nuclear Umbrella, is based on the security of the European Union.
  - ❖ This mechanism guarantees nuclear security to the whole of Europe which is sovereign, that is, not dependent on anyone else.
    - ✓ What is French Nuclear Umbrella?
    - ✓ It is also called Nuclear sharing Model.
    - ✓ Under this, France will install its Nuclear weapons in its different allied countries of Europe.
    - ✓ These weapons will be physically in other countries but the button and technology to operate them will remain with France.
    - ✓ It can be launched as per the need.
    - ✓ Currently France has 290 nuclear weapons.
    - ✓ Two countries in Europe have nuclear weapons, one is Britain and the other is France. Out of these two, Britain is not a member of the European Union, only France is its member.
- Not only this, but Britain's technology is dependent on America whereas France's nuclear weapons are sovereign, meaning it does not depend on anyone.





Why is it necessary Europe's nuclear security is necessary for the following reasons

(1) The United States threatens to withdraw from NATO, which would no longer provide Europe with US security guarantees.

(2) Russia strongly opposes NATO expansion and warns that it could pose a threat to Europe.

- ❖ Currently, America's B61 tactical nuclear gravity bombs are deployed in 5 NATO countries Belgium, Germany, Italy, the Netherlands and Turkey.
- ❖ The authority too per rate the mall remains with the President of America.
- ❖ Issues of concern:
  - ✓ According to NPT rules, Nuclear Power Countries cannot share the use of nuclear bombs, technology and bombs with other countries.

### 16th Census- 27

- ❖ Census is an important tool to determine the distribution of the country's resources, the direction of the country's policies, the structure of democracy and social justice.
- ❖ In India, since 1872, when the then Viceroy Lord Mayo started the census, it has been conducted every 10 years. 8 censuses were conducted before independence and 7 after independence. Thus, 15 censuses have been conducted so far.
- ❖ The 16th Census was scheduled in 2021 but was postponed due to Corona. The demand for conducting it was being made by various sections of the society for a long time.
- ❖ Finally, the Ministry of Home Affairs, Government of India announced to conduct the 16th Census on 4 June 2025.
- ❖ Notification for 16th Census-27 has been issued by the Government of India on 16 June 2025.
- ❖ Actually the census work is conducted by the Registrar General and Census Commissioner of India under the Union Home Ministry.
- ❖ Census work is conducted by the Union Home Ministry according to the provisions of the Census Act, 1948 and the Census Rules, 1990.
- ❖ The formal announcement for Census-27 will be made on June 16 by the government through a notification in the Gazette of India.
- ❖ Caste census will also be conducted simultaneously in the census.
- ❖ It will be completed in two phases:
  - The first phase will be in the high snow regions of Uttarakhand, Himachal Pradesh, Kashmir and Ladakh and will be completed by October 2026. The reference date will be 1 October 2026, 12.00 am.





The second phase will cover the rest of the country. It will commence in February 2027 and end on February 28, 2027. The reference date will be 12:00 am on March 1, 2027.

- ❖ Each phase will have two parts:
  - The first part will consist of House listing which will be held in 45 non-synchronous periods in all States and UTs from 1st April, 2026 to 30th September, 2026
  - The second part will be Population and Caste enumeration which will be conducted between 9th February to 28th February, 2027.
- ❖ There will be a revision round between 1st-5th March, 2027
- ❖ For this work the whole country will be divided into 24 lakh enumeration blocks (EB) (This was done in 2011. One EB contains 150-180 houses.
- ❖ This entire work is likely to cost around Rs 13,000 crore. There is a provision of Rs 574.80 crore for the census survey in the Union Budget 2025-26. Probably the remaining amount will be allocated later.
- ❖ It will be the First Digital census of India.
- ❖ Caste Census: On 30 April 2025, the Government of India announced to conduct caste census.
- ❖ According to the provision of the Constitution, the delimitation of constituencies will be done on the basis of census data released after 2026. Currently, it has been done on the basis of the 1971 census.

### India's contribution to global plastic waste

- ❖ India's contribution to global plastic waste is 18%.
- ❖ Everyday around 26000 metric tons of plastic waste is produced in India and more than 4000 metric tons in the main cities of the country.
- ❖ 99% of plastics produced from fossil fuels which never gets destroyed biologically, that is, it is immortal in a way.
- ❖ In India, only 12% of plastic is being reused and 20% of plastic waste is being burnt. Burning of plastic wastes produces green housegas and increases global warming.



### Migratory birds: Sign of monsoon

- ❖ Migratory birds known as 'Open Billed Stork' or Kadjanghilor Siberian Crane are considered to be the arrival of monsoon in Bihar.
- ❖ They are white in colour and weigh 2-3 kg.
- ❖ It has arrived in Danapur Cantt area.



### Bariatric surgery

- ❖ Bariatric Surgery is a surgery done for the purpose of reducing obesity.

### Service Sector Growth rate

- ❖ The service sector is expected to contribute 55.3% to India's GVA in 2024-25. This contribution was 51.0% in 2013-14.
- ❖ Services Business Activity Index stood at 58.8 in May 2025.

### Trump bans travel

- ❖ In the light of present and possible increase in violent tensions in various regions, US President Mr. Trump has signed an Order Which bans travel to the US by national of
  - (1) Afghanistan (2) Myanmar (3) Congo (4) Chad (5) Equatorial Guinea
  - (6) Eritrea (7) Haiti (8) Iran (9) Libya (10) Somalia (11) Sudan (12) Yemen
- ❖ The USA also imposed a partial ban on travellers from 7 other countries.
  - (1) Burundi (2) Cuba (3) Laos (4) Tago (5) Sierra Leone (6) Turkmenistan (7) Venezuela
- ❖ Exceptions -
  - Some Temporary work visa shall be issued



The ban will not apply to athletes competing in the 2026 FIFA world cup. Which the US is co-hosting with Canada and Mexico.

The ban will we also it apply to 2028 Los Angeles Olympics.

- ❖ Mr. Trump said that "the recent terror attack in Boulder, Colorado has underscored the extreme dangers posed to our Country by the entry of foreign nationals who are not properly vetted. we don't want them.
- ❖ In 2017, Mr. Trump had also banned Citizens of (1) Iraq (2) Syria (3) Iran (4) Sudan (5) Libya (6) Somalia (7) Yemen.
- ❖ This ban came into force since 9 June 2025, 12.01 pm.

### CSIR-NAL and Hansa-3NG

- ❖ CSIR-NAL (Council of Scientific and Industrial Research - National Aerospace Laboratories) was established in 1959 and its HQ is in Bengaluru.
- ❖ CSIR-NAL is India's only government aerospace research and development (R&D) laboratory in the civilian sector.
- ❖ CSIR-NAL has designed, developed and manufactured prototype of a Light Canard Research Aircraft (LCRA). LCRA is a type of a Long-EZ aircraft developed by pioneering American aerospace engineer and designer Burt Rutan and put together in 1985 at NAL by a team led by Rustom Damanika.
- ❖ Its up graded version is Hansa-3NG (Next Generation)

### New policies for Ladakh

- ❖ In 2019, Article 35 A of the Constitution was repealed, under which Ladakh had certain protections, such as -
  - Only the Jammu and Kashmir Legislature could decide who is a permanent resident or not.
  - Prohibition on purchase of land/property in Ladakh (then a part of Jammu and Kashmir) by people from outside Jammu and Kashmir.
- ❖ To give impetus to the demands, People's Movement for constitutional safeguard On the Leh Apex Body (LAB) was formed in 2020.
- ❖ It also had the support of the powerful Ladakh Buddhist Association.
- ❖ The main leaders of these organizations were





- Inclusion of Ladakh under the Sixth schedule of the constitution (giving tribal status and autonomy over Land)
  - Statehood
  - Separate Lok Sabha Seats for Leh and Kargil districts
  - Filling of existing government vacancies
- ❖ On 3 June 2025, 4 regulations were notified by the President-
- (i) The Ladakh official languages Regulations 2025
  - (ii) The Ladakh Civil Services Decentralisation and Recruitment (Amendment) Regulation, 2025
  - (iii) The Ladakh Autonomous Hill Development Councils (Amendment) Regulations, 2025
  - (iv) The Union Territory of Ladakh Reservation (Amendment) Regulation, 2025
- ❖ After these notifications, the total reservation in jobs in Ladakh became 95% (85% for resident Ladakh is in government jobs + 10% for EWS).
- ❖ Total population of Ladakh = 2,74,289 out of which nearly 80% are tribals.
- ❖ Ladakh has a majority Buddhist population in Leh and a Sizeable Muslim population in Kargil.

### Chenab bridge

- ❖ Chenab Bridge was inaugurated by PM on 6 June 2025.
- ❖ This bridge connects Bakkal and Kauri in Reasi district of Jammu and Kashmir and also connects Kashmir to the rest of India.
- ❖ This bridge is a part of Udhampur-Srinagar-Baramulla Rail Link (USBRL) Project.
- ❖ Total length of USBRL is 272km of which Chenab Bridge is a bridge constructed using deck arch bridge technique on Gosge across Chenab river in Reasi district in Srinagar- Katra section.

Length of Chenab Bridge is 1315m (4,314 ft) of which 530m is approach bridge and

- ❖ 785m is Main Chenab Bridge (deck arch bridge).
- ❖ The height of the deck from the river bed is 359 m (1178ft).
- ❖ This bridge is the highest rail bridge and highest arch bridge in the world.
- ❖ The total cost of building this 1315 ft long bridge was Rs 1486 crore.
- ❖ The Prime Minister of India inaugurated following Rail projects in Jammu&Kashmir on 6June, 2025
  - (1) Chenab Bridge
  - (2) Anji Bridge
  - (3) Vande Bharat train Service between Katra and Srinagar





- ❖ It can withstand strong winds blowing at a speed of up to 260 km per hour and can also withstand an explosion of 40 kg of TNT. Its estimated life is 120 years.
- ❖ This bridge is owned by Indian Railways.
- ❖ It has been designed by Canadian company WSP, Indian DRDO and IISC and German company Leonhardt Andra.
- ❖ It was constructed by Afcons Infrastructure (Public Company of India), Ultra construction (South Korean) and VSL India.
- ❖ China's contribution in its construction is considered very important.
- ❖ Although the Jammu-Baramula rail project was started in 1983 when Smt. Indira Gandhi was the PM.
- ❖ This rail project got sanction in 1995 when Narasimha Rao was PM.
- ❖ Out of its total 272km, 160km was inaugurated before 2014.
- ❖ The first inauguration was done by Shri Manmohan Singh on 13 April 2005 and the last on 26 June 2013.

### **Israel-Iran war 2025**

- ❖ Main reasons for failure:
  - Israel's strategy: According to defense experts, the strategy that Israel had devised to attack Iran failed to prevent the attack. Israel has many more advanced fighter planes, drones and missiles than Iran.
  - Iran does not have new technology: No ability to catch advanced fighter aircraft like stealth technology.
  - Israel also has aircraft like F-35 which have stealth technology, that is, they do not come under the radar. Israel also fired drones and cruise missiles.
- ❖ Iran has missiles, Israel's defense is strong Iran has several air defense systems to prevent air attacks. These mainly include S 300, Bavar, Shaheen.
  - The S-300 air defense system has been purchased from Russia. Its range is 150 kilometers. The system is capable of intercepting aircraft, missiles and drones flying at high altitudes.
  - Khordad 3 and Khordad 15 - These two defense systems are medium-range. Their range is about 150 kilometers. It has been developed for drones and low-altitude aircraft.



- Bavar 373 Bavar 373 is Iran's indigenous air defense system. Its range is 200 to 250 kilometers. Shaheen and Tiran: Its range is 20 to 40 kilometers.

### Who is more powerful?

- ❖ Army Iran: 6 lakh active soldiers, 3.5 lakh reserve Israel: 1.70 lakh active, 4.5 lakh reserve
- ❖ Israel Air force: in Air Force Israel's Air Force has more than 600 advanced fighter jets F-35: Fifth generation stealth jets, F-15, F-16 Air Defense: Iron Dome **Iran's Air Force** 550 fighter jets, mostly old F-14 Tomcat jets, supplied by the US in the 1970s
- ❖ Iran is strong in missiles More than 3000 advanced ballistic and cruise missiles Sahab-3: Range 2000 km Khayber Shaken: Range 1450 km Israel's missile strength
  1. Jericho ICBM: Range more than 4800 km, nuclear capable
  2. Lora Air Launched Ballistic Missile: Missile launched from ground to air
  3. There are hundreds of Spice 2000, Delilah and Python series guided missiles

### Inflation in 2025-26

- ❖ RBI has revised its estimate for India's inflation in 2025-26 to be 3.7 % from its earlier estimate of 4% RBI reduces CRR.
- ❖ RBI reduced the Cash Reserve Ratio (CRR) by 1% on the 6 June, 2025.
- ❖ With this reduction, the CRR is reduced to 3% from 4% of Net Demand and Time Liabilities (NDTL).
- ❖ However, this reduction shall be implemented in 4 stages of equal reduction of 0.25% (first on 6 September 2025, second on 4 October 2025, third on 1 November 2025 and the fourth on 29 November 2025).
- ❖ Earlier, in December 2024, CRR was reduced by 0.5% to bring it to the level of 4%. This reduction made Rs 1.16 lakh crore available in the banking system.
- ❖ The decision of reduction taken on 6 June 2025 will make Rs 2.5 lakh crore of liquidity available in the banking system. This will provide more loan facilities to the customers.
- ❖ The 55th MPC met on June 4 to June 6, 2025. It was attended by RBI Governor Sanjay Malhotra and other members Dr. Nagesh Kumar, Saugata Bhattacharya, Prof. Ram Singh, Dr. Poonam Gupta and Dr. Rajiv Ranjan.
- ❖ The MPC decided to cut the Policy Repo rate by 50 basis points (bps) to 5.50%.
- ❖ Along with this decision, other rates were adjusted as follows - Standing
- ❖ Deposit facility (SDF) Rate = 5.25%
- ❖ Marginal Standing Facility (MSF) Rate = 5.75%.



### Anji Bridge

- ❖ Anji khad Bridge is the second-tallest rail bridge in the country (highest is Chenab Bridge) built on the Anji River, a tributary of the Chenab River.
- ❖ Its height is 331 meters (1086 feet)

### Satellite Communication in India

- ❖ Elon Musk's company Starlink has been given permission to provide satellite communications services in India.
- ❖ Apart from this, two other companies have been given this permission in India
  - (1) Eutelsat OneWeb
  - (2) Jio Satellite communications.
- ❖ In satellite communications, the mobile is directly connected to the satellite without any wire. These satellites are installed at a height of 160 to 2000 km from the earth.
- ❖ 4-G, 5-G mobile networks are connected to the tower.

### Bharatiya Bhasha Anubhag

- ❖ Bharatiya Bhasha Anubhag is an organised platform for all Indian languages to move towards "freeing the administration from the influence of foreign languages".
- ❖ It was launched on 6 June 2025 by the Union Home Minister.
- ❖ The section will incorporate the linguistic diversity of India.

### ASW-SWC Arnala

- ❖ Anti-Submarine Warfare shallow Water Craft (ASW-SWC) Arnala was commissioned by the Indian Navy on 18 June 2025.
- ❖ The commissioning ceremony was presided over by the chief of Defense staff General Anil Chauhan.
- ❖ Arnala is equipped to conduct Sub-surface surveillance, search and rescue missions and low-intensity marine operations.
- ❖ The 77 meter long warship is the largest Indian naval warship to be propelled by a diesel engine-waterjet combination.



### Downfall: the case against Boeing

- ❖ About: (1) line Airflight 610 10(2018, indonesia)
- (2) Ethiopian Airlines Flight 302 (crashed in 2019)
- ❖ 350 people died in both accidents
- ❖ The CEO of Boeing in the US Senate apologized for both these accidents
- ❖ Many parts of the 787 Dreamliner aircraft are not properly connected with each other, which may lead to accidents (despite the fact that many of its flights have been successful).
- ❖ This plane might break into pieces and fall apart. The company has taken many short cuts in joining the parts of the plane. It has been said that as the years pass, this plane will become more dangerous.
- ❖ AI 171 aircraft registration no. VT ANB 36279 took its first flight on 14 December 2013 and was handed over to Air India after a month.
- ❖ After reaching a height of 625 feet (flight radar 24 turtle handle which is known for aviation matters) it started descending at a speed of 475 feet per minute.
- ❖ On 1 May this same aircraft could not take off due to technical fault. AC was not working, T was not dimming. Sharad Chandra Rawal posted that the lights of the entire flight kept going off several times. It was rescheduled for 3 pm, 4.00 pm, and later for 5.00 pm but failed. It's temperature reached upto 43, 44 degrees, generator was not being activated properly. It took-off on the next day but it seems it was not checked properly.

### Caste Based Malnutrition : NHRC study

- ❖ NHRC released a report based on the analysis of data from NFHS-2005- 2006, 2014-15 and 2019-21. According to this study report, in 2019-21, stunting was recorded at 39.2% among
- ❖ children of Scheduled Castes while it was 29.6% among other castes.
- In 2019-21 itself, 70.3% and 73.9% cases of malnutrition were registered in SC and ST
- ❖ category respectively, while in the case of other castes it was 66.5%.
- In the case of underweight children, 35.1% cases were found in SC, 39.5% in ST and
- ❖ 35.5% in OBC, while in other castes only 26.3% children were found to be underweight.
- In the case of BMI also the factors were as follows
- ❖





SC-19.7%

ST-23.2%

OBC=18.9%

Others=17.1%

- ❖ This study was conducted by the NHRC through Kendriya Vidyalaya located in Himachal Pradesh.

### Poverty in India

- ❖ After revising the poverty line to \$3 per day, the World Bank has said in one of its reports that the number of poor people in India in 2024 will be 54,695,832 (5 crore 46 lakh 95 thousand 832:i.e.5.46 million). According to this, between 2011-12 and 2022-23, 17.1 crore people have been lifted out of poverty and in 2022-23 it remained 5.3% whereas in 2011-12 it was 27.1%.

### Israel-Iran war

- ❖ Israel attacked two nuclear centers of Iran - (1) Fodow (2) Isfahan on 13 June. On 13 June itself, Israel attacked 100 places including other nuclear centers, two military centres.
- ❖ Israel used 200 fighter planes in this attack.
- ❖ In this, about 78 people including 20 Iranian commanders were killed and 329 were injured. The Israeli Prime Minister said that these attacks have been carried out to prevent Iran from making a nuclear bomb. According to him, it is necessary to reduce the Iranian threat to save Israel's existence. These attacks are part of that "targeted military operation".
- ❖ In response to the attack by Israel, Iran attacked Israel with hundreds of missiles.
- ❖ 6 top nuclear scientists of Iran have been killed in this.
- ❖ General Mohammad Badheri, Chief of Staff of Iran's armed forces, has also died in this attack.
- ❖ According to Israel, Iran has developed enough material to make at least 9 nuclear bombs.



- ❖ This war can unite the Muslim countries because Iran has made such call to teach a lesson to Israel.
- ❖ At present, Muslim countries are divided into two groups, Shia-Sunni, out of which the Shia group is claimed to be led by Iran and the Sunni group is claimed to be led by Saudi Arabia. (Mecca-Medina is in Saudi itself) Oman (Sunni) has condemned the Israeli attack.
- ❖ Israel can obstruct the Strait of Hormuz through which Saudi Arabia and other Gulf Countries supply crude oil to India and other countries of the world. That is, this war can increase the prices of crude oil, or there can be a crisis in its supply.
- ❖ Among the scientists of Iran, the head of the nuclear energy organization Feridoon Abbasi-Diwani was also there who has died.
- ❖ 4 nuclear centers to be destroyed –
  - (1) Natanz – Atomic Facility Center
  - (2) Tehran – Atomic Research Center
  - (3) Isfahan – Nuclear Technology Center
  - (4) Arak – Heavy Water Reactor 2 military centers destroyed
- (1) Tabriz (2) Kermanshah

This attack by Israel has been named Rising Lion.

- ❖ Attacks between the two countries continued on the second day i.e. 14 June 2025.
- ❖ Iran fired about 200 ballistic missiles and Israel also dropped bombs on Iran.
- ❖ 9 nuclear scientists including many Iranian military commanders died on both days.
- ❖ 6 of them died on 13 June and 3 on 14 June.
- ❖ Iran has named its operation "True Promise 3" in comparison to Israel's "Rising Lion" operation.
- ❖ Leakage of radiation occurred due to attack on nuclear centre in Natanz, Iran.
- ❖ Countries like USA, France, UK, Germany and Italy have come in support of Israel



- ❖ While China, Yemen, Iraq, Turkey, Oman have come in support of Iran.
- ❖ Sejil and Imad, these can strike up to 2500 km.
- ❖ The whole of Israel comes within the 2500 km range of Iran.
- ❖ Hamas, Houthi and Hezbollah support Israel

### ISRAEL-IRAN WAR

- ❖ The Israel-Iran war/conflict, which started on 13 June, continued on the third day i.e. 15 June. There were attacks from both sides.
- ❖ In these three days, 406 people have died and 654 people have been injured in Iran. Washington based organization There have been about 13 deaths in Israel.
- ❖ Iran's oil depots and nuclear centers were attacked -
  - (1) Shahr Fuel and Gas Depot
  - (2) Bushehr Province: South Pars Gas Field
  - (3) Shahr Ray Oil Refinery
  - (4) Bushehr Province: Fajr Jam Gas Plant

### World Elder Abuse Awareness Day

- ❖ Observed on 15 June.
- ❖ 88% Elders want to live with family.

### Solar panel waste

- ❖ Solar panels contain heavy metals such as lead, cadmium and arsenic.
- ❖ When solar panels get damaged, they are thrown away and these metals get mixed in soil and water, making the soil and water poisonous.
- ❖ Burning these wastes in the open causes direct harm to the environment.
- ❖ The panel contains photovoltaic cells which contain metals like glass, aluminum frame, silicon wafers, copper silver, lead, cadmium, terbium, gallium, tin etc.



### E-voting in Bihar

- ❖ E-voting will be conducted for the first time in the country in the general elections for three posts in 6 Nagar Panchayats of three districts of Bihar and in the by-elections for a total of 51 seats in 48 municipal bodies of 28 districts of Bihar.
- ❖ It was announced by the State Election Commission on June 13.
- ❖ Under this, the e-voting facility was given to
  - (i) pregnant women, (ii) voters above 80 years of age, (iii) disabled, (iv) people suffering from incurable diseases, (v) migrants and other voters.
- ❖ For this, voters should have a mobile Android smartphone, 5 G or above. Voters will have to take the following steps for this -
  - You will have to download thee-voting app of the State Election Commission from the Play Store through your mobile phone.
  - Afterthat, you will have to register for voting by 22 June.
  - You will have to give consent for e-voting.
  - An OTP will be received on the EPIC number which will be verified.
  - After that, eligibility for e-voting has to be selected from the drop down menu.
- ❖ According to the State Election Commission, e-voting can be used by only 10% of the total voters at each booth in the civic body elections.
- ❖ E-voting can be cast during the period one from 7 am to 1 pm.

### Study on the mood of the youth of Bihar

- ❖ The National Institute of Women and Child Development conducted a study on the mood and behaviour of 35,95,876 youth aged 10 to 25 years in Bihar during the period between February and March 2025.
- ❖ A format of 20 questions was used in this.
  - (1) The following things have become clear from this study -
  - (2) Children do not like interference by parents.
  - (3) Children talk to parents in a loud voice.
  - (4) Children start getting addicted to drugs.
  - (5) A distance starts developing between children and parents.





## Patna Metro

- ❖ First corridor = Danapur Khemnichak 18km(14metro stations, out of which 8 will be elevated and 6 underground metro stations)
- ❖ Second Corridor = Patna Junction to Patliputra Bus Terminal (14 km)  
There will be a total of 12 stations including 7 underground and 5 elevated stations.
- ❖ Corridor-1 is also named as Red Line and
- ❖ Corridor- 2 as Blue Line.
- ❖ Third Corridor (Proposed) = Airport to Patna City  
best arted by 2026. It is 6.5km long with a total of 5 stations.
- ❖ The construction work of Patna Metro which is going on now is a part of its Phase-1.
- ❖ There are two corridors under Phase-1.
- ❖ Under Corridor-1,from Khemnichak to Danapur CAT via Mithapur, Patna Junction, Vidyut Bhawan, Raja Bazar, Saguna Mor
- ❖ Under Corridor-2,New Patliputra Bus Stand Terminal Khemnichak, Malahi Pakadi, Rajendra Nagar, Moinul Haq Stadium, Patna University, Gandhi Maidhan to Patna Junction. Its five stations have been named primary corridors.  
These five stations are –  
(1) New Patliputra Bus Terminal, (2) Zero Mile, (3) Bhootnath  
(4) Khemnichak, (5) Malahi Pakadi (Total length of primary corridor = 6.107 km)

## Vande Bharat Train from Patna

- ❖ As per the situation in June 2025, 5 Vande Bharat trains will depart from Patna –  
(1)Howrah, (2)Lucknow, (3)New Jalpaiguri, (4)Ranchi, (5)Gorakhpur
- ❖ The first four are available from Patna Junction and the fifth from Patliputra station.

## President of Bihar Religious Trust

- ❖ Prof.Ranbir Nandanhasbeenappointed asthe PresidentofBiharState Religious Trust Council.



## Ink thrown on judge in Nepal

- ❖ An incident took place in which three people threw ink on the faces of two judges of the Birgunj Bench of the Janakpur High Court of Nepal to register their protest. This incident was mainly in prot bomb blast case. The In this case, he was sentenced to life imprisonment by the lower court.

❖ He was accused of burning alive 23 people including 21 Indians in 2008.

### ❖ matter:

- ✓ On 9 April 2008, former MP Md. Sheikh Idris died while making bombs in Rautahat in which 23 people including 21 Indians were seriously injured.
- ✓ It is alleged that former minister Aftab burnt all the 23 injured people in a brick kiln to eliminate the witnesses of this incident.

## Black box of AI-171 recovered

- ❖ The Black box of the crashed aircraft has been recovered by the Aircraft Accident Investigation Bureau (AAIB) on 13 June.
- ❖ It has been recovered from the roof of the B.J Medical College Hostel. The Plane had twin engines-- the G--1 B67 rated at 67000 lbs off thrust each Tata India is owned by Tata
- ❖ Sons in which Singapore Airlines Ltd holds a 25.1% stake. The group is implementing
- ❖ VIHAAN-I which is based on implementing a transformational roadmap over the next 54 years.

### Possibilities regarding the cause of the accident

- (1) there is much speculations about the flaps of the aircraft not having been configured for take-off

However, this possibility seems unlikely since it would be impossible for any pilot to take off without meeting the configuration conditions.

- (2) One theory is that the planet took off from an intersection.

But available data shows the pilot used full keep-away.

- (3) Video footages hows that there is grass growth on the runway. This indicates that grass that exceeds the standard 3-inch length is likely present. These grasses provide a habitat for insects and birds to feed on. The grass is dangerous for aircraft in many ways.



(4) If the statement of the only surviving passenger, Vishwas Kumar Ramesh, is to be believed, a loud noise was heard about 30 seconds after take-off.

There could be two reasons for this

(i) Some particles may have been pulled by the engine of the aircraft, causing the conveyor to stall at the point of rotation. From the video of the take-off and flight of the aircraft, it is said that there was a loss of thrust in the aircraft. This can be ascertained from the black box.

(ii) Partial thrust loss may also be due to the presence of some object/metal on the runway, which may have punctured the tyre, etc.

(5) Another obvious cause could be the landing gear of the aircraft being extended till the last moment. It appears to be stuck. Had the landing gear been extended, the drag would not have been present, and the aircraft would have had a better climb gradient to overcome ground obstacles.

### India on the proposal in the United Nations General Assembly

- ❖ On 12 June 2025, a resolution was presented by Spain in the United Nations General Assembly titled: "Protection of civilians and upholding legal and humanitarian obligations"
- ❖ The purpose of this resolution was to cease fire in Gaza and condemn Israeli attacks
- ❖ Out of 180 countries, 149 voted in favour of the resolution, while the US, Israel and 10 other countries opposed it, and 19 countries including India abstained.
- ❖ This is the fourth time since 7 October 2023 that India has abstained from voting on such a resolution.
- ❖ However, on 12 June 2025, India voted in favour of the UMGA resolution for a ceasefire, contrary to the stand taken by it in December 2024.
- ❖ It is noteworthy that the "UN conference on creating conditions for a two-state solution" is to be organized by France and Saudi Arabia on 17-20 June 2025.
- ❖ India has not clarified its decision to be taken in this conference.
- ❖ Palestine was recognised by India in 1988 and 147 out of 193 members of the United Nations have recognised Palestine.



- ❖ This war will affect the Strait of Hormuz which is located south of Iran and north of the Arabian Peninsula.
- ❖ The blockage in Hormuz is likely to damage oil shipments coming from Iraq, Saudi Arabia and UAE.
- ❖ Going via Cape of Good Hope (in case Hormuz is disturbed) will cost 15-20 days more per ship and 500-1000 dollars more per container.

#### Israel-Iran conflict and India

- ❖ India has not condemned Israel's attack on Iran.
- ❖ India abstained from the UN resolution condemning Israel.
- ❖ India abstained from voting on the UN resolution in June 2025 that called for a ceasefire in Gaza.
- ❖ Members of BRICS, SCO and SAARC and all G-7 members except the US voted in favour of the resolution criticising Israel's bombing of Gaza.
- ❖ India has traditionally been critical of Israeli aggression. But that seems to be changing now.
- ❖ India has about 10 million citizens living in West Asia.
- ❖ Iran and Israel have relatively few people. Iran has about 10,000 students and professionals.
- ❖ There are about 25,000 workers, students and researchers in Israel. Many of them have moved to Israel recently because
- ❖ Palestinians have been removed from many projects in Israel, creating employment opportunities for Indians there.
- ❖ India's bilateral trade with Israel declined from \$14 billion in 2017 to \$1.4 billion in 2004.
- ❖ India's trade with Israel is projected to decline from \$11 billion in 2022 to \$3.75 billion in 2024.
- ❖ India's defence imports from Israel rose from about \$5.6 million in 2015 to \$128 million last year.





- ❖ India imports 40-50% of its energy through the Strait of Hormuz.
- ❖ West Asia not only accounts for 40% of India's remittances but also 54% of its oil imports and the region has trade worth over \$ 170 billion.

### **Control over India's Rare Earth Elements**

- ❖ India has directed to control or prohibit the export of critical rare earth elements from Indian Rare Earths Limited as they are vital for the country's development.
- ❖ The government has also asked IREL to cancel the 2012 agreement under which rare earth elements were to be exported to Toyotsu Rare Earth's India (a Japanese company).
- ❖ In 2024, IREL exported 1000 metric tons of rare earth elements to this company which is 33% of its total production of 2900 metric tons.

### **Bag manufacturing in Muzaffarpur**

- ❖ On 14th June 2025, a new industrial unit (Cosmos Lifestyle Pvt.Ltd.) for manufacturing high quality bags was inaugurated by the C.M. of Bihar in Bela Industrial Area, Muzaffarpur under the "Bihar Textile and Leather Policy 2022".

### **MPs were shot in America**

- ❖ On June 14, 2025, in Minnesota, USA, two Democratic Party lawmakers - (1) Minnesota State Representative Melissa Host men and her husband, and (2) Minnesota State Senator John Hoffman and his wife Yvette - were shot by criminals.
- ❖ Melissa and her husband died while Hoffman and his wife are injured.

### **Patna Secretariat Ghanta Ghar**

- ❖ It was built in 1917 by Martin Burn under the supervision of Joseph Fearis Munnings, an architect from New Zealand.
- ❖ Originally the height of this clock tower was 198 feet. In the 1934 earthquake, some part of it collapsed, now its height is 184 feet.



- ❖ A clock was installed in this tower in 1924 by Gillett and Johnson Company. This clock
- ❖ tower was based on Churchill's model and was built on the lines of Big Ben Tower of London and Manchester.
- ❖ The hour hand of the clock is 4.5 feet long and the minute hand is 5.5 feet long. Its pendulum weighs two quintals.
- ❖ It has been declared the Architectural Heritage of Patna.
- ❖ It is in the news because in the light of the Ahmedabad plane crash (occurred on 12 June 2025), the airport administration has recommended reducing its height by 17.5 meters i.e. 51 feet.

### **Bihar Election Reforms: Mission 60**

- ❖ Mission-60 has been started in Bihar to increase the voting percentage to 60% by making voters aware of those polling booths where less than 60% voting takes place.
- ❖ National women voting percentage is 60%. 60 such polling booths have been identified
- ❖ in the state.

### **Chief of IAEA**

- ❖ Rafael Grossi is the chief of IAEA (International Atomic Energy Agency).



### **India's stand away from SCO**

- ❖ India has distanced itself from the statement of Shanghai Cooperation Organization,
- ❖ which condemned Israel for attacking Iran. Iran is a member of SCO. SCO has 10 member
- ❖ countries, 2 observers, 14 dialogue partners and 4 guest attendee countries.

### **"Decade of Hydropower"**

- ❖ Arunachal Pradesh Cabinet has declared 2025-35 as the "decade of Hydropower" to harness the Potential of the state to generate 58,000 mega watts (MW) of electricity.

### **SPArc Therapy for cancer**

- ❖ SPArc Therapy stands for step-and-shoot Spot-scanning Proton arc therapy (SPARC).



- ❖ It is a therapy to treat Patient's adenoid cystic carcinoma. Spare works by targeting
- ❖ tumours with Protons while sparing surrounding tissue. This therapy has been
- ❖ successfully used on 46 year old woman in the USA

### Axiom-4 Mission

- ❖ It is the fourth mission planned by US-based space flight Company "Axiom space" to the International space station (ISS)
- ❖ This mission involves the Falcon 9 Rocket, and the Dragon crew capsule from space x.
- ❖ In 2023, an agreement was signed between India and USA to send Shubhanshu Shukla to the space station through a mission worth Rs500 crore.
- ❖ Its flight was postponed through an announcement made on June 10, 2025.
- ❖ The reason for the postponement of the flight is said to be a leak of Liquid oxygen (Lox).
- ❖ Liquid lubricant (Lox) is cryogenic. It means it needs to be stored at an extremely low temperature.
- ❖ If it is exposed to warmer conditions, the Lox will turn into gas and not be usable as fuel.
- ❖ Falcon-9 engines combust a mix of rocket-grade Kerosene and Lox to generate thrust, so Lox leak is a serious issue.
- ❖ There will be four astronauts in Axiom-4 mission-
  - (1) Peggy Whittle
  - (2) Shubhanshu Shukla
  - (3) Slawosz Uznanski-Wisniwesky
  - (4) Tibor Kapu

### "Black T-shirts"

- ❖ Black T-shirts refers to the T-shirts of the members of "Arambai Tenggol" which is a radical Meitei group
- ❖ "Arambai Tenggol" has derived its name from a poisoned dart-like weapon (Arambai) used by the troops of the Manipuri Kings against Burmese invaders and a Cavalry Platoon (Tenggol).
- ❖ Here also, AT's Primary fight turned out to be against the Kuki-zo People, perceived as "illegal" Settlers from Myanmar.
- ❖ The Black T-shirts bear a rare design of three horse men charging with weapons.
- ❖ The AT group uses the "Salai Taret" flag representing seven Meitei clans.



- ❖ It is based on the idea of return of Kangleipak kingdom believing in the heritage and ancient glory of Meitei. (Kangleipak)
- ❖ It was founded in 2020 by BJPR aija Sabha MP and Manipuri titular king leishemba sanajaoba who is also its chairman.
- ❖ The group is headed by Kosounganba Khuman, referred to by his sub oridnates as Pathou.
- ❖ It came into light again due to arrest of self styled army chief Aseem kanan singh on the might off 7th June 2025.

### **Kazakhstan's first Nuclear Power Plant**

- ❖ Russia's Rosatom will build Kazakhstan's first nuclear Power Plant near ulken, using advanced WER-1200 reactors
- ❖ The project was approved by refer endum, aims for 2.4 gigawatts capacity by 2035 with chine, France and south Africa also involved.

### **Flights is India**

- ❖ 3972 airplanes take off from Indian airports every day.
- ❖ Out of these, 2904 are domestic flights and 1068 are international flights.

### **Richest peoplein the world**

- ❖ According to Forbes Top Billionaires List 2025,ElonMusk remains the richest person in the world with his net worth of \$410.8 billion.
- ❖ The second richest person (in the world) is Larry Ellison, the chairman of the software company Oracle. He is 80 years old and has assets worth \$258.8 billion.
- ❖ Meta's Zuckerberg is the third richest person in the world with \$235.7 billion.
- ❖ Microsoft co-founder Bill Gates has dropped out of the list of the top 10 richest people in the world.
- ❖ Jeff Bezos has a net worth of \$226.8 billion and is the fourth richest person in the world.





### Bihar Museum Biennale

- ❖ Bihar Museum Biennale was organized on 7<sup>th</sup> August, the foundation day of Bihar Museum.
- ❖ This event was also organized in Bihar in 2021 and 2023.
- ❖ The theme of the year 2025 is- "South World: A Confluence of Art, Culture and History"
- ❖ Heritage Walk will also be organized on 6th August.

### Assessment of Poverty in India

- ❖ According to the report published by the World Bank, the extreme poverty in India was 27.1% in 2011-12.
- ❖ It decreased to just 5.3% in 2022-23; during this period, about 27 crore people came above the poverty line.
- ❖ The scale for measuring poverty in India is mainly income or consumption. It does not tell me anything about scarcity.
- ❖ The Tendulkar Committee and Ranga Rajan Committee determined the poverty line by making Income is the only criterion.
- ❖ UNDP emphasizes on Multi-dimensional Poverty Index (MPI).
- ❖ Some statistics of poverty - (1) Only 19% and 21.5 % of families in Uttar Pradesh and Bihar, respectively get clean fuel for cooking.

### Water ways in India

- ❖ In 2014, there were 5 national waterways in the country. As of 2025, this number has increased to 111.
- ❖ The total expenditure on inland water transport was Rs 180 crore annually in 2014, which has now increased to Rs 1000 crore annually.
- ❖ In 2013-14, 18 million tonnes of goods were transported through waterways, now it has increased to 145 million tonnes.
- ❖ Transportation cost is less by water ways. Transportation cost by road is Rs. 2.5 per tonne per km whereas by water ways it is Rs. 0.5-0.6 per tonne per km
- ❖ Water way transportation is less harmful to the environment.



- ❖ MV Ganga Vilas is the world's longest motor vessel river cruise, launched on 13 Jan 2023.
- ❖ Route: 3200km in 51 days, from Varanasi to Dibrugarh via Bangladesh.
- ❖ It passes through 27 river systems

### India's maritime fire fighting

- ❖ Three types of cases of peace time maritime accidents
  - (1) Sinking of Merchant ships It causes the loss of cargo, disruption of maritime traffic and environmental damage.
  - (2) Fire on board merchant vessels. Such incidents can seriously "threaten not just the environment but also life and property on the Coast
  - (3) oil spills
- ❖ A similar incident of fire on board recently occurred on Mwan Hai 503 when it was 44 nautical miles off the Azhikkal coast in Kannur, Kerala. The fire was brought under control on June 9.

### Global Gender Gap Index

- ❖ India's ranks 131 among 148 countries in the Global Gender Gap Index 2025. Last year this rank was 129 i.e. there has been a drop of two places compared to last time. 4 parameters are adopted in this index-
  - (1) Economic Participation and opportunity (India's score 40.7, rank on this Parameter
  - (2) Educational attainment
  - (3) Health and Survival
  - (4) Political empowerment.
- ❖ India's overall gender parity Score improved by 0.3 points compared to 64.1% in 2024
- ❖ It's overall gender parity score for 2025 stands at 64.4%, compared to the global average of 68.8% across all 148 countries assessed.
- ❖ This report was released by the World Economic Forum on 12 June 2025
- ❖ This report released in 2025 is its 19th edition.



- ❖ It was first Published in 2006 In Asia, Bangladesh has topped with 24th rank. Bhutan occupies 119th and Nepal is at 125th rank. Top five countries in this index are
  - Iceland
  - Finland
  - Norway
  - UK
  - Newzealand.

### Children Out-of-School

- ❖ According to UNESCO's Global Education Monitoring Team, 272 million children are out of school
- ❖ This is 21 million more than the last Estimate

### FGD not mandatory

- ❖ FGD stands for Flue Gas De sulphurisation. FGD system sare used in Coal fired Thermal
- ❖ Power Plants to minimise the sulphur dioxide emissions.
- ❖ Installation of FGD Systems was mandated in all 537 Coal fired TPPs in India by a policy of the Union Environment Ministry in 2015 to reduce  $\text{SO}_2$  emissions.
- ❖ The first deadline for this installation was 2018. Which has been finally extended up to 2029.
- ❖ It takes around 2 years its install.
- ❖ As per a government release in August 2024, only 39 TPPS, FGD were installed.
- ❖ In April 2025, a study commissioned by the Principal Scientific Advisor's office (PSA office) concluded that the FGD mandate should be rolled back.  
FGD installation is costly @ 1.2 crore per MW with India's installed coal capacity of 2/19/338 MW.  
(It is 46% of the country's total electricity installed capacity.
- ❖  $\text{SO}_2$  is an acidic gas.
- ❖ There are three types of FGD units –
  - (i) Dry sorbent injection



(ii)Wet limestone treatment

(iii) Using sea water to remove  $\text{SO}_2$

- ❖ The dry sorbent injection method involves adding a powdered sorbent like limestone to the flue gas, where it reacts with  $\text{SO}_2$ . The resultant compound can be removed by using an electrostatic precipitator or a fabric filter.
- ❖ The wet limestone treatment method uses limestone to remove  $\text{SO}_2$  but instead of using it in a powdered form, it uses a limestone slurry. Passing through this slurry results in the formation of gypsum, which is a stable compound and has wide applications in industries like construction. This is the commonly used technology and has wide applications in industries like constructions.
- ❖ This is the commonly used technology and has very high efficiency. Sea water treatment is used in plants located near coastal areas.
- ❖ Sea water first absorbs  $\text{SO}_2$  from flue gas and the water is treated to make it suitable to be discharged back into the sea.
- ❖ Why  $\text{SO}_2$  emissions are bad
  - $\text{SO}_2$  is a major greenhouse gas (GHG)
  - $\text{SO}_2$  can also lead to the formation of other oxides of Sulphur in the atmosphere
- ❖ which can in turn react with other compounds to form particulate matter. According to several studies, it has been established that 15% of India's ambient  $\text{PM}_{2.5}$  is attributable to coal.
- ❖ A significant share of this (80%) is in turn attributable to secondary particulate matter formed from the  $\text{SO}_2$  that is released when coal is burned.
- ❖ FGD is absolutely necessary to mitigate this route to  $\text{PM}_{2.5}$  formation.

### Boost to India Semiconductor Sector

- ❖ Semiconductor India was launched in 2022 with an outlay of ₹76,000 crore. Special Economic Zones (SEZ) Rules, 2006 have been amended/ modified on June 9 by the Ministry of Commerce and Industry to enhance the domestic manufacture of semiconductors.
- ❖ Before these modifications, an SEZ set-up exclusively for the manufacture of semiconductors or electronic components needed a minimum contiguous land area of 50 hectares. (Rule 5) this has now been significantly reduced to 10 hectares.





- ❖ This reduced size will allow Companies to make smaller investments but still avail of SEZ benefits such as tax exemptions, duty-free import and infrastructure support.
- ❖ Another amendment to Rule 7 of the SEZ Rules now allows the Board of Approval for SEZs to relax the condition that had required SEZI and to be "encumbrance-free".  
Land is deemed to be encumbrance-free if it does not have any legal claims, liens, or charges against it, and when clear title of ownership and transfer can be established.  
With India's complicated and of ten-arch aicl and record mechanisms, and lengthy legal processes, such a requirement would have stymied a lot of SEZs. Relaxing this rule will allow SEZs to come up faster.
- ❖ A third amendment was to Rule 18, allowing SEZ units in semiconductor and electronics component manufacturing to supply domestically, after paying the applicable duties.  
Conventionally, SEZs are exclusively export-oriented.  
Allowing domestic sales not only shields the SEZs from the ongoing global trade uncertainty, But also ensures a steady supply to the domestic market itself.

### What has been the impact?

- Given the changes are so recent, one can't immediately establish long-term impacts. However, following the tweaks, two new SEZ have already been approved with a total investment of 13,100crore.
- Micron Semiconductor Technology India will establish and SEZ facility in San and Gujarat for the manufacture of semiconductors with an estimated investment of 13,000crore, while Hubballi Durable goods Cluster, a part of the Aequs Group, will establish an SEZ facility for the manufacture of electronic components in Dharwad, Karnataka, a t a cost of 100 crore.
- ❖ Micron's plant is to be 37.64 hectares in area and the Aequsplant is expected to be 11.55 hectares.

### Heritage trees in Bihar

- ❖ In the meeting of Bihar State Biodiversity Council,atotal of 32 trees of Bihar were identified as heritage trees.
- ❖ Out of these 32 trees, 28 trees are 500 years old Banyan trees located in Southern Umga Panchayat of Madanpur Block of Aurangabad. Most of the selected trees are Banyan trees.
- ❖ Their number is 12.



- ❖ In the first phase, 1500 trees were identified by the council, out of which 32 trees have now been selected as "Biodiversity Heritage Trees".

### PM Modi gets Cyprus' highest award

- ❖ On 16 June 2025, Cyprus honoured Indian PM Modi with its highest civilian award "Grand Cross of Makarios III".
- ❖ Till now 22 countries have honoured PM with their highest civilian awards.

### Wholesale inflation rate in May 25

- ❖ In May 2025, the wholesale inflation rate has reached 0.39%, falling to the lowest level in the last 14 months. In April 2025, it was 0.85%.
- ❖ The lowest wholesale inflation rate was in March 2024 when it reached the level of 2.74%.

### No divorce from triple talaq; Patna High Court

- ❖ The bench of Nayanamurthy P.B. Bajanthri and Shashi Bhushan Prasad of Patna High Court held in a judgment that under the divorce law, there is a certain intermediate period prescribed between the first, second and third divorce after pronouncing divorce thrice, which is mandatory to be followed. This was not followed in this case.
- ❖ The divorce petition was filed by Shams Tabrez against his wife Israt Jahan under sections 308, 281 of the Muslim Law and section 7(1) (a) of the Family Courts Act on October 29, 2007.

### Sex Ratio in Bihar (CRS Report)

- ❖ The total sex ratio in Bihar is 891. This data is provided by the report given by the Civil Registration System (CRS) in which 2022 has been taken as the basis.
- ❖ The national average (in this report) is 943. Sex ratio in Bihar was 964 in 2020 and 908 in 2021.
- ❖ In 2022, a total of 30.70 lakh children were born in Bihar,
- ❖ out of which 13.10 lakh were girls and 14.70 lakh were boys. (Difference 1.60 lakh)



- ❖ However, on the basis of the number of girls born, Bihar has been ranked third in the country.

### India's world Trade @ May 2025

- ❖ May 2025 Total Services-32.39 bUSD (9.4%)  
Exports Total Goods-38.73bUSD (2.2%)  
Total 71.12bUSD(2.77%) 69.20 bUSD)
- ❖ Imports Total Services-decreased by 1.5%  
Total Goods - decreased by1.7%) - 60.61 bUSD  
Total = 77.75 bUSD 61.68bUSD (5.75%)
- ❖ Total Trade Decreased =6.62 bUSD (May 2025 only)
- ❖ Total Exports in April May2025 142.43 bUSD (5.75%) April-May (2025)
- ❖ Total imports (goods+services) = 157.57 bUSD  
Total exports (goods+services) = 142.43 bUSD
- ❖ Combined trade deficit of April May (2025) i.e. difference between exports and imports = 17.14 bUSD  
2024-25-Serviceexports = 387.5 bUSD, Merchandise exports = 437.42 bUSD Total
- ❖ exports=824.9bUSD (all-time high)
- ❖ Total trade decreased=94.26 bUSD  
This total export in 2023-24 was 778.1 bUSD  
i.e. exports increased by 6.01% in 2024-25.

### India's Unemployment Rate

- ❖ 5.6% in May 2025 (In April2025, it was 5.1%)

### First female chief of MI-6

- ❖ Ms. Blaise Metrewelihasbeen appointed as the firstfemalechief of the MI-6 MI-
- ❖ 6 is the foreign intelligence agency of the UK to Collect foreign intelligence
- ❖ Britain's domestic intelligence service is MI-5



### Electricity Consumption in Bihar

- ❖ Electricity consumption in Bihar has increased from 700 MW in 2005 to 8428 MW in 2025.
- ❖ Per capita energy consumption in the state has also increased from 75 kW per capita in 2005 to 363 kW in 2025.
- ❖ The number of consumers has also increased significantly between 2005 and 2025. It was only 17 lakh in 2005 while it has increased to 2 crore 14 lakh in 2025.

### Uranium in underground water of Bihar

- ❖ According to the study report conducted by Mahavir Cancer Hospital, out of 273 samples from Bihar, 20 samples had uranium content higher than the standard amount of 30 micrograms per liter i.e. 30 parts per billion (ppb).
- ❖ It is important to note here that the unit of 'microgram per litre' is in mass to volume ratio while PPB is a dimensionless ratio i.e.
- ❖ it is mass to mass or volume to volume ratio. In this study, the highest amount of uranium (concentration) was found near Jadia of Supaul which was 82 micro per liter (ug/L) or ppb.
- ❖ Besides this, uranium concentration above permissible levels was found in groundwater collected from Maghra (77 ug/L or PPB) of Bihar Sharif, Senduari (66 ug/L) of Vaishali. Samples from groundwater collected from Sheikhpur, Vaishali, Gopalganj, Siwan and Supaul also yielded uranium concentration above permissible levels.
- ❖ In the study, high levels of uranium were found in the blood and tissues of patients coming from North Bihar.
- ❖ According to experts, due to the falling level of underground water, the presence of heavy metals in water increases, due to which there is an increase in the number of diseases including cancer in the body, especially cancer of the gall bladder. These cause damage to the internal organs of the body.

### Operation Sindhu

- ❖ Last session of the 17th Bihar Assembly
- ❖ The monsoon session of the 17th Bihar Legislative Assembly has been convened from 21 July to 25 July 2025.





- ❖ This will be the last session of this Legislative Assembly.
- ❖ Elections are to be held here in September-October 2025.

### Mission Karmayogi data

- ❖ According to the data released under Mission Karmayogi scheme, Bihar's officers and employees rank first in acquiring skills and training for digital and online work, Uttar Pradesh is second.

### Andhra Pradesh is third in this.

- ❖ Sahitya Akademi Award to Mithila Mahityakars On 18 June 2025,
- ❖ Sahitya Akademi of India announced children's literature and youth awards in all 24 constitutionally recognized languages.
  - (1) Three writers from Bihar have been announced to be awarded for Mithila literature.
  - (2) Munni Ka mat-Rachna: Chukka (Story)
  - (3) Neha Ka Mani -Banaras Aa Hum" (Poem)
  - (4) Dr. Dheeraj Pandey -Paribhashik Shabd svarasyam (Sanskrit Criticism) For Hindi
- ❖ Literature, the Academy announced the award of Children's Literature to Sushil Shukla for his story "Ek Baate Barah" and Youth Award to Parvati Tirki for her poetry collection "Phir Ugna".
- ❖ For English, the prize will be given to Nitin Kushalappa for his story "Indian Myths and Fables".
- ❖ For Urdu, the prize will be given to Ghazanfar Iqbal for his article "Qaumi Sitaron".

### Trump Munir Lunch

- ❖ On June 18, 2025, the President of America hosted a luncheon for the Chief of Army Staff of Pakistan at the White House.
- ❖ This was the third event of its kind; the previous two were:
  - (1) The first was in 1970 when the Bangladesh problem was going on, and Army Chief General Yahya Khan was called to the White House.
  - (2) The second occasion was in 2001 when the then Army Chief Pervez Musharraf was called. At that time, America had to deal with the Afghanistan problem with the support of Pakistan.



- ❖ It is noteworthy that both the Army Chiefs later became Presidents of Pakistan.
- ❖ From the protocol point of view, such an event for Pak Army should have been hosted by the Joint Chiefs of Staff or Secretary of Defense of USA
- ❖ According to official statements, White House spokesperson cited Munir's talk of nominating Mr. Trump for Nobel Peace Prize as the reason and Pakistan Army cited US President's trade and strategic shared interests with Pakistan as the reason.
- ❖ The US President said that the reason for this was to honour Mr Sunil Munir for his most effective role in stopping the Indo-Pak conflict in May 2025. On the other hand, Mr Trump gave the credit for this on behalf of India to the PM here.

It is clearly visible here that instead of the political decision makers of Pakistan, the army was directly given the credit for this while the President and Prime Minister of that country were ignored for this.

- ❖ When such rare events in international politics start happening at a direct and formal level, it becomes necessary to consider its implications.
  - ❖ It is clear from the analysis that this entire incident is influenced by the Israel-Iran conflict/war.
  - ❖ America being the most powerful country wants to establish its goals all over the world, it prefers countries which have good geography but weak economy and decision making system so that it can be dependent on the powerful country.
  - ❖ If we look at history, Pakistan has been more beneficial and dear to America than India.
  - ❖ In the light of Israel-Iran conflict, Pakistan is important for America for many reasons
    - ❖ (1) Strategic reasons (2) Tactical reasons (3) Diplomatic
  - ❖ Under strategic reason Pakistan can help in providing military bases for USA.
  - ❖ Strategically, Pakistan being a Muslim majority country can be beneficial for America because if many Muslim countries unite due to the attack on Iran, then Pakistan's support can help in saying that not all Muslim countries are against America.
  - ❖ Diplomatically speaking, there is a possibility that Israel and America together change the power in Iran.
  - ❖ So that changed power will also need a Muslim country like Pakistan.
- (1) Now let us see why America is giving priority to the army instead of the political system of Pakistan?
- The following reasons can be possible for this-
- Pakistan's political strength is weaker than the army.



- ❖ The people of Pakistan support Iran, so the political system there may not go against the popular Sept. 1 due to vote arithmetic, but the army has no such strength.

### Global Energy Transition Index

- ❖ India ranks 71st (in the list of 118 countries)
- ❖ The top five countries are Sweden, Finland, Denmark, Norway and Switzerland
- ❖ China is ranked 12th, America is ranked 17th.
- ❖ Pakistan is ranked 101st
- ❖ Congo is at the bottom)

### Performance Grading Index (PGI)

- ❖ Chandigarh topped the Performing Grading Index released by the Union Ministry of Education and Meghalaya ranked lowest.
- ❖ This index was released on 17 June 2025.
- ❖ It was started in 2017.
- ❖ It has a total weightage of 1000 marks and is based on 73 indicators.
  - (1) These indicators are divided into 6 major domains-
  - (2) Access: Enrolment and access to schools
  - (3) Infrastructure and Facilities: Physical resources in schools
  - (4) Equity: Equal opportunities among gender, caste and social groups
  - (5) Governance Processes: Policy implementation and management
  - (6) Learning outcomes: Educational achievements of students
- ❖ Teachers Education and Training Performance is divided into 10 grades
- ❖
  1. (Level 1) (951-1000 marks)
  2. Utkarsh (Level 2) (881-950 marks)
  3. Ati Uttam (Level 3) (821-880 marks)
  4. Uttam (Level 4) (761-820 marks)
  5. Prachesta 1 (Level 5) (701-760 marks)
  6. Prachesta 2 (Level 6) (641-700 marks)
  7. Prachesta 3 (Level 7) (581-640 marks)
  8. Aspirant-1 (Level 8) (521-580 marks)



- 9. Aspirant-2 (Level 9) (461-520 marks)
- 10. Aspirant-3 (Level 10) (401-460 marks)
- ❖ No state (UT) made it to the top 4 levels.
- ❖ Chandigarh scored 719 points and is the only state to reach Aspirational-1 out of 701-760.
- ❖ Bihar's overall score was 472 in 2023-24 and 484.1 in 2022-23.
- ❖ Bihar has been included in Aspirational-2 (Level 9).

### Social Security Pension in Bihar

- ❖ The amount of social security pension in Bihar has been increased from Rs 400 per month to Rs 1100 by the Bihar government from July 2025. There are 9,69,255 beneficiaries of this
- ❖ scheme in Bihar. This decision will put an additional financial burden of Rs 9000.13 crore on
- ❖ the state government (annual), and the total annual expenditure in this item will be Rs 14,479.42 crore.
- ❖ This decision was taken in the review meeting (21 June 2025) of the "Mahila Samvad Program" being conducted in the state from 18 April to 20 June.

### Special efforts for the upliftment of women in Bihar

- ❖ 50% reservation for women in Panchayati Raj institutions – 2006
- ❖ 50% reservation for women in municipal bodies – 2007
- ❖ 35% reservation for women in Bihar Police – 2013
- ❖ 35% reservation for women in government jobs in Bihar – 2016

### 2 lakh rupees each to poor families in Bihar

- ❖ On the basis of caste based census conducted in Bihar in 2023, 94 lakh families identified with income less than Rs. 6000 per month will be given Rs. 2 lakh each for employment

### 11th International Yoga Day

- ❖ 11th International Yoga Day was celebrated on 21st June.





### Nominated for Nobel Peace Prize by Pakistan

- ❖ On 21st June 2025, US President Trump was nominated for the Nobel Peace Prize by the Pakistan government.

### Quantum communications

- ❖ Quantum communication is a broad term for any scheme that uses the concepts of Quantum Physics. It essentially includes the technique of Quantum entanglement. It is a leak-Proof Communication channel.
- ❖ Under quantum communication, the message is sent through photons i.e. very small particles of light.
- ❖ These photons are connected to each other by a technique called photon entanglement. They are so connected that if there is some change in one, then the other photon also gets to know about it and the entire message changes. In this way, it cannot be hacked in the same way as the current messages are hacked. It cannot be hacked in that way. It is a 100% hack-proof communication.
- ❖ Successful testing of this technology has been done by Futuristic Technology Management of DRDO under the project named "Secure Quantum Communication" The team of IIT Delhi and DRDO, led by Prof. Bhaskar Kanseri, has sent a message based on quantum communication over a distance of 1 km.
- ❖ Such a test was done in 2023 by ISRO for a distance of 300 meters.
- ❖ This security of messages is achieved due to two reasons/techniques -
  - (1) Quantum entanglement
  - (2) Quantum Key Distribution.

It is a technique which distributes the key to open the message or to unlock the encryption in a secure way. It is a technique which provides the key to the sender and the receiver so that only those two people can unlock that message. QKD does not encrypt the message but makes the already encrypted message secure.

#### • QKD are two type

- (i) Prepare-and-measure QKD : In this type of QKD, the sender prepares single photon in some predetermined states and the receiver measures them.



(i) Entanglement Based QKD: It is a technique which distributes the key to open the message or to unlock the encryption in a secure way. It is a technique which provides the key to the sender and the receiver so that only those two people can unlock that message. QKD does not encrypt the message but makes the already encrypted message secure.

❖ Significance of Quantum communications :

- (1) Quantum Cyber Security
- (2) Long distance quantum key distribution
- (3) Quantum internet capability
- (4) Real time usages - real time usage in defense, banking and critical infrastructure communications.

❖ In this successful experiment, keys were transmitted through entanglement based QKD medium, in air, without optical fibre, between two points located at a distance of 1 km in the campus of IIT, Delhi.

The aim of this experiment is to establish reliable QKD between a ground station located on the earth and a satellite located hundreds of km away/above.

- ❖ This will make it possible to distribute keys to ground stations located anywhere on earth by beaming photons through the atmosphere via satellites.
- ❖ In this experiment, encryption communication was established through quantum (not through optical fibre)
- ❖ The secure key rate in this experiment was 240 bits per second (bps) with a quantum bit error rate of 7%.
- ❖ This is a part of the National Quantum Mission launched in 2023 with an outlay of Rs 6000 crore during the period 2023-2031

### DNA Analysis

- ❖ DNA is extracted from the dead or decomposed remains of a person due to an accident or any other reason and identification is done by matching the DNA samples of their relatives or parents. This process is generally called DNA Analysis. DNA Analysis is done under DNA fingerprinting technique. DNA fingerprinting establishes the identity of an individual by analyzing unique regions of their DNA (obviously both DNA samples must be available).



- ❖ Human DNA is 99.9% identical to each other.
- ❖ The remaining. 0.1% includes unique sequence called Short Tandem Repeats (STRS).
- ❖ These STRS are crucial for forensic investigations

This STR is a type of genetic marker which is the main basis of DNA profiling.

The main reason for this is the variability of STR in different individuals in all cases except in

- ❖ the case of monozygotic twins.

At present, the most popular genetic marker in cases of Human Identity determination and

- ❖ Paternity Testing is STR.

DNA Samples are ideally frozen at minus 20°C or in the case of soft tissues (Skin, muscles

- ❖ etc.), they may be stored in 95% ethanol.

In an accidents like Ahmedabad Plane crash (12 June 2025), Samples of tissue, nails, bone,

- ❖ body fluid and blood etc. can be used to identify and establish family relations.

Experts noted that after sample collection, using Polymerase chains Reaction (PCR) the

- ❖ extracted DNA is amplified with specific Primers targeting the STR region of interest.

- ❖ The amplified DNA fragments are Separated based on Size using gel electrophoresis.

The size and member of repeats in each band are analysed to generate the distinctive DNA profile with advanced computerised System. The generated profile is then compared to other DNA profiles in a database to find any matches

- ❖ DNA samples must be protected from any kind of contaminations.

### Iran & NPT

- ❖ Iran was the first signatory to NPT which was opened on 1 July 1968. The Shah of Iran at that time was Mohammad Reza Pahlavi (the last Shah of Iran).
- ❖ Iran ratified it two years later as part of the "Twenty Eight Revolution".
- ❖ Iran's nuclear energy program continued with great prestige under the NPT until 1979.
- ❖ When the Shah's rule was abolished in Iran under the Islamic Revolution in 1979, Ayatollah took power. With this, Iran's nuclear program entered its second phase, which lasted until about 2002.
- ❖ During 1979-2002, Iran came under suspicion of secretly developing nuclear weapons.
- ❖ The Ayatollah's name was Ruhollah Khomeini.
- ❖ In 2002, a group of dissidents called the National Council of Resistance revealed that Iran was secretly developing nuclear weapons in its Natanz and Arak cities.



- ❖ Since Iran did not make this declaration under the NPT, the NPT is no longer credible in the context of Iran.
- ❖ Iran's intentions became more clear when it officially announced in 2006 that it would stop complying with the 2003 protocol signed with the IAEA and France, Germany and the UK to inspect its nuclear fields.
- ❖ IAEA recommended sanctions against Iran from 2006 to 2014 to UNSC due to its investigation and activities.
- ❖ In 2015 Joint Comprehensive Plan of Action (JCPOA) was signed between Iran and P-5+1 (here P-5 means 5 permanent members of UN and Plus 1 means Germany).
- ❖ Under the JCPOA, the sanctions imposed by the UN were lifted and Iraq also started following them. Iran seemed to be becoming a role model in this matter.
- ❖ The problem started in 2018 when President Trump cancelled the JCPOA.

### Hormuz strait

- ❖ Hormuz strait separates Iran from the Arabian Peninsula and the Persian Gulf and the Gulf of Oman (and the Arabian Sea).
- ❖ Its width is less than 100 km.
- ❖ Its economic importance is great because through it, oil and natural resources are sent from the coastal countries of the Persian Gulf like Saudi Arabia, Iraq, Kuwait, UAE, Qatar and Iran to the rest of the world.
- ❖ About a quarter of the world's total oil supply passes through this channel, which is 55 to 95 km wide.
- ❖ 20 million barrels of oil were transported per day in this strait in 2024.
- ❖ More than 80% of the oil supply through the Strait of Hormuz is destined for Asian ports.
- ❖ About 40% of India's crude oil imports and 54% of liquefied natural gas (LPG) imports pass through it.
- ❖ Out of the 5.5 million barrels of oil consumed in India every day, 1.5 million barrels pass through this strait





### Iran attacks US military base

- ❖ Iran attacked US military bases. One of these bases is in Ain-al-Asad in Iraq and the other base is in Al Udeid in Doha, Qatar. This base in Qatar is the largest US military base in the Middle East where about 10,000 soldiers are deployed.
- ❖ Apart from this, attacks were also carried out on the US military base located in the western Hasakah province of Syria.
- ❖ Honey production in Bihar
- ❖ Bihar ranks fourth in the country in terms of honey production.
- ❖ The top three states are (respectively): Uttar Pradesh, West Bengal, Punjab
- ❖ Honey producing districts of Bihar are:- Muzaffarpur, Bhagalpur, Patna, Madhubani
- ❖ Under Integrated Horticulture Mission, 50% assistance will be given to beekeepers.

### NDEAR

- ❖ NDEAR stands for National Digital Education Architecture
- ❖ It was launched on 29th July 2021.
- ❖ It's vision is to create a unifying national digital infrastructure to energise and catalyse the education ecosystem.

### Vidya Samiksha Kendra (VKS)

- ❖ It was launched at the national level by the Ministry of Education, Government of India as a part of the National Education Policy 2020

### Water Heritage Sites(India)

- ❖ On the occasion of the 15 years of Indian Independence the Ministry of Jal shakti
- ❖ On 5 January 2023, First All India state Ministers conference on water at Bhopal was held.
- ❖ On this occasion 75 sites of water were declared as National water Heritage Sites.
- ❖ Two water Bodies from Bihar have been included in it:
  - (i) Sher shah Suri tomb
  - (ii) Well of Agamkuan
- ❖ Sher Shah tomb was finally completed on 16 August 1545, after 3 months of his death



- ❖ The well of Agamkuan was built in 304-232 BC (during the period of Emperor Ashoka). It is circular in shape, with bricks in the upper 43 feet and rings of locks in the remaining 62 feet. The diameter of the well is 15 feet. Ashoka's rock edict 8 mentions wells. It is also called Ugra Kuan.

### **Military bases in other countries of America**

- ❖ As of July 2024, there are 128 military bases in other countries outside America. The largest of these is located in Humphreys, South Korea.
- ❖ It has 11 military bases in the Middle East where about 50,000 of its soldiers are deployed.

### **Iran's Nuclear Program**

- ❖ Iran's nuclear infrastructure has been built keeping military attacks in mind.
- ❖ Its Fordow and Natanz nuclear centers are underground.
- ❖ Fordow is located in a mountain near the town of Prome, 80 metres to 100 metres below surface and is protected by Reinforced Concrete and rock (RCC) layers.
- ❖ They cannot be destroyed by conventional aerial bombs or missiles. To damage them, bunker busting munitions are required which only America has.
- ❖ To damage them, GBU-57 Massive Ordnance Penetrator (MOP) developed by America is needed. This is a 30 thousand pound precision guided bomb, which can penetrate up to 60 meters below the ground and 18 meters below the RCC.
- ❖ But it has a limitation and that is that it cannot be damaged by a single use, rather it will have to be used repeatedly on the target. Apart from this, the Air Force needs the B-2 strat of tress bomber to carry it.

### **Israel–Gaza conflict**

- ❖ Between 7 October 2023 and 13 June 2025, in 615 days, around 60,000 people were killed in Israeli attacks. Out of these, 55,000 were from Palestine and 17,000 were children.
- ❖ Apart from Gaza, people have also been killed in Yemen, Iran, Lebanon, and Syria due to Israeli attacks



- ❖ From 7 October 2023 to June 2025, 16 resolutions were taken in the United Nations Security Council to stop and condemn Israel's attack on Gaza. The US has been against all the above resolutions except Security Council Resolution 2735 (in 2024).
- ❖ India abstained for the fourth time out of 16 resolutions (in the voting of 16th resolution passed on 12 June).

### **US involved in Israel - Iran conflict**

- ❖ US attacked three nuclear centers of Iran (1) Fordo (2) Natanz (3) Isfahan in the morning of 22 June 2025.
- ❖ It was named Operation Midnight Hammer.
- ❖ As part of the attack, Fordo and Natanz were attacked by B-2 bombers and Isfahan was attacked by a submarine.
- ❖ China called the American attack on Iran a violation of the United Nations Charter.

### **India's Coffee Exports**

- ❖ According to the Coffee Board of India, "data Coffee export in 2023-24 was 1.28 billion dollars

### **Israel–Iran ceasefire**

- ❖ Aceasefire has been declared on the 12th day of the Israel Iran conflict which arose due to Israel attacking Iran on 13 June 2025 (i.e. on 24 June 25)
- ❖ This ceasefire was declared on 24 June 2025 at 4.30 am. However, attacks continued for two and a half hours after the ceasefire was announced.
- ❖ After the US President expressed his displeasure, the ceasefire finally came into effect.
- ❖ Certificate of Recognition to Bihar Police
- ❖ Bihar Police received the prestigious Certificate of Recognition for the first time in the Passport Seva Project Conference of the Ministry of External Affairs

### **First femalehead ofIOC**

- ❖ Kirsty Coventry has been appointed as the President of the International Olympic Committee (IOC).
- ❖ She is the first African and the first female President of the IOC.



- ❖ She is the Swimmer and former Minister of Youth sports and Recreation of Zimbabwe

### Operation Midnight Hammer

- ❖ It is the name given to attacks of the USA'S Air force and Navy on Iran as a part of the Israel-Iran war (which began on 13 June 2025)
- ❖ It was started on 22 June, 2025.
- ❖ This operation was launched with attacks on- (1) Fordow Uranium Enrichment Plant, (2) Natanz Nuclear Facility (both of these were targeted with fourteen GBU-57 A/B MOP 30,000 Pound (14,000kg) Bunker-Buster Bombs carried by Northrop B-2 Spirit Stealth Bombers; and (3) Isfahan Nuclear Technology centre missiles fired from a targeted with Tomahawk missiles fired from a submarine (name was not disclosed by the USA officials, but probably it was uss Georgia (SSGN-729).
- ❖ However, the operation Midnight Hammer was completed on 24 June 2015 with the Ceasefire announced by the USA President.

### 10th Sustainable Development Report

- ❖ 10 They are the three main components of the Sustainable Development Report.
  - (i) Global Financial Architecture
  - (ii) SDG Index
  - (iii) SDGI- Headline SDG Index (Introduced in 2025)
- ❖ Global Financial Architecture (GFA) These are the guidelines for consideration at the 4th International Conference on Financing for Development (Ff4D) to be held from 30 June to 3 July 2025 in Seville, Spain.
- ❖ SDG Index
  - ✓ The Implementation Index is a ranking of 193 countries based on their progress towards implementing the 17 SDGOs.
  - ✓ Out of the 193 countries, only 167 countries have been ranked.
  - ✓ The top three countries in the ranking are
    1. Finland - 87.02 (score)
    2. Sweden - 85.74
    3. Denmark - 85.26
  - ✓ South Sudan is at the lowest position (167th) with a score of 41.55.





- ✓ Except Japan, all the other 19 countries in the top 20 are from Europe.
- ✓ The United States is at 44th position
- ✓ India is ranked 99th in this index and this is the first time that India has been included in the top 100 countries. Earlier it was above the 100th position.
- ✓ Among the neighbouring countries of India, Bhutan has the highest ranking country with a score of 70.5 and 74th rank. Similarly, Nepal (85th) and Bangladesh are 114th. Pakistan is ranked 140th.
- ✓ India's previous rank
  - 2024 - 109
  - 2023-112
  - 2022 12
  - 2021-120

### Poverty in Bihar

- ❖ According to the new report of the committee headed by former R.V.I. Governor C. Rangarajan, the poverty rate in the country was 29.5% in 2011-12, which will be reduced to 4.9% in 2023-24. According to the same report, poverty in Bihar was 69.6% in 2011-12,
- ❖ which will be reduced to only 23.3% in 2023-24. During this period, 3.77 crore people have come out of poverty in Bihar.

### Pakistan's defense budget increased

- ❖ Pakistan has announced to spend 20% more on defense.
- ❖ That means in this financial year, the expenditure on the army will increase from 7.45 billion dollars to 9 billion dollars

### BBNJ or High Seas Treaty

- ❖ It is an international legally binding treaty related to the High seas signed on 20 September 2023.
- ❖ It is a part of the UN convention on the law of the sea (UNCLOS) (Signed on 10 Dec. 1982)



- ❖ This treaty focuses on the conservation and sustainable use of "Biodiversity Beyond National Jurisdiction" (BBNJ). It is also known as the "BBNJ Agreement" or "High seas Treaty" or "Global Ocean Treaty". A "Convention on the High seas" was also signed in 1958 but it was
- ❖ incorporated in UNCLOS. But now since the need for it was felt separately, this treaty was signed. High seas are that part of the ocean which does not fall under the national jurisdiction
- ❖ of any country (lies outside 200 nautical miles). High seas constitute 50% of the earth's surface and cover two-thirds of the ocean. The need for this treaty increased because the International Treaty on the Sea, UNCLOS, regulates only that part of the sea which falls under
- ❖ the National Jurisdiction of a country i.e. within its 200 Nautical miles. The concept of this treaty started with UNGA resolution 72/249 on 24 December 2017. Finally, the draft of the treaty was agreed upon on 4 March 2023 and was opened for signature of countries from 20
- ❖ September 2023, which will remain open till 20 September 2025. According to the treaty, it is mandatory to ratify it by 60 countries, only after that it will come into force. So far 137 countries have signed it. However, as of 10 June 2025, only 49 countries have ratified it. This treaty will come into force 120 days after ratification by 60 countries. And focuses on their
- ❖ Sustainable use India signed it on 26 September 2024 but it has not been ratified until the monsoon session from 12 July to 12 August 2025. At the 3rd UN Ocean Conference, India's Union Minister (Science and Technology) has said that ratification is in process.

### SAHA Portal

- ❖ This portal was launched by the Union Minister (Science and Technology) at the 3rd UN Ocean Conference (UNOC-3).
- ❖ This is SAHA digital ocean data portal



### UN ocean conferences (UNOC)

- ❖ The third UN Ocean conference(UNOC-3)washeldinNice,France from 9-13 November 2025.
- ❖ It was hosted by France and Costa Rica.
- ❖ Till now two UNOCs have been organized -
  - (i) First UNOC - 2n New York in 2017
  - (ii) Second UNOC - In lisbon in 2022

### IndianOcean Conference

- ❖ Eight Indian Ocean Conferences have been organized so far.
- ❖ It was started by India Foundation in 2016 in Singapore, in which 30 countries participated.
- ❖ Eight Indian Ocean Conferences have been organized so far.
- ❖ The 8th Indian Ocean Conference was held in Muscat, Oman, on 16-17 February 2025. Its theme was - "Voyages to Horizons of Maritime Partnership"

### Axiom-4 finally launched

- ❖ Axiom-4 with Indian astronaut Mr. Shubhanshu shuklaand the others was finally launched on 25 June 2025 at 12.00 pm. with space x rocket Falcon-9 from Floride based Kannedy space centre.
- ❖ After journey of 28 hours, it reached at the International space Station (Iss) at 4.30 pm on 26 June 2025.
- ❖ These astronauts will stay for 14 days at the Iss.
- ❖ Main activities will be -
  - (i) 60 types of experiment
  - (ii) Impact of space environment on seeds of 6 types of crops.
  - (iii) Experience gain to utilise in Graganyaan Mission
- ❖ Plans of companies to build space stations:
  - (1) Axiom space Axiom station - 03 billion dollars
  - (2)Blue Origin, Sierra space - Orbital Reef ( 2-3 billion)
  - (3)Voyoger - Starlas 2.8-3 billion



(1) vast space-Heaven-1 (10-20 billion)

❖ Rakesh Sharma flew to space on Soyuz T-11 on 3 April 1984. This success was achieved with the cooperation and technology of the Soviet Union.

❖ Shubhanshu Shukla flew on the crew Dragon 213 spacecraft.

❖ The three other space travelers are-

(1)Tibor Kapu (Hungary), Missions specialist

(2)Peggy Whitson (US) (Commander)

(3)Stawosz Uznanski-wisniewski (Poland), Mission specialist

(4)Subhanshu Shukla is its pilot. He is also the second commander.

❖ Loan agreement between ADB and Pakistan

Pakistan has signed a 350 million loan agreement with the Asian Development Bank (ADB) to boost women's financial inclusion and economic development.

❖ Pakistan's debt has increased to 76,000 billion Pakistani Rupees in the first nine months of the fiscal year.

Ax-4 docking

❖ The spacecraft passed through the North Atlantic Ocean and reached the ISS at 4.01 pm (IST) and the docking process was completed at 4.15 pm.

❖ Shubhanshu Shukla was awarded the astronaut pin. Shukla became the 634th astronaut.

❖ At 6 pm (IST) all of them reached inside the ISS where they were welcomed by the members already present.

❖ The ISS is a large spacecraft revolving around the Earth. The passengers living in this spacecraft do experiments in micro gravity. It rotates at a speed of 28000 km per hour. It completes one revolution around the earth in 90 minutes

❖ Group Captain Shubhanshu Shukla, on 26 June 2025, became the first Indian to enter the International Space Station.

❖ Before Ms. Shukla flew on 25 June 2025, he along with Ms. Prashant Nain had received advanced training at NASA's Johnson Space Centre in Texas.





## Bihar General Elections 2025

- ❖ Election Commission allotted new election symbols to 8 political parties of Bihar:-
  - (1) Rashtriya Lok Morcha (Upendra Kushwaha) = Garu Cylinder
  - (2) Jansuraj - School's
  - (3) VIP - Sailor and Sail
  - (4) Bhartiya Sarthak Party - Scissors
  - (5) Lohia Janata Dal = Bucket
  - (6) Jan Sahamati Party = Ladies' Purse
  - (7) Bharatiya Janata Samaj Seva Party – Bansuri
  - (8) Rashtriya Samajwadi Lok Adhikar Party = Ring

## 22nd SCO defence Ministers Meeting

- ❖ 22nd SCO defence held on Ministers meeting held on 26 June 2025 in Qingdao under the chairmanship of the china.
- ❖ 23rd SCO defence minister meeting will be held in Kyrgyz Republic is 2026.
- ❖ India refused to sign the joint statement as the Pahalgam incident of 22 April 2025 was not included India emphasised on inclusion of tougher language on terrorism.
- ❖ Due to India's stand, this meeting did not adopt any joint statement due to lack of consensus on referring to terrorism.
- ❖ The defence ministers meeting was held as a precursor to the annual summit of its leaders.

## Gross FDI in April' 25

- ❖ According to the RBI, the Inward Foreign Direct Investment (FDI) in India in the first month (April) of FY 2025-26 was 23% more than April that in April 2024
- ❖ It was 8.8 billion USD in April 2025 Which was 5.9 billion USD in March 2025 and 7.2 billion USD in April 2024.
- ❖ Net outward FDI also increased in April 2025. with major destinations include Singapore, Mauritius and Germany.



## UN High Commissioner for Human Rights

- ❖ UN High Commissioner for Human Rights is headed by Mr. Volker Turk
- ❖ Recently in news due to humanitarian activities in Gaza.

## Number of zero-dose children.

- ❖ In the world, it is 16 million.
- ❖ In India, it is 1.44 million
- ❖ Zero-dose children refers to those children who have not been vaccinated against the diphtheria, tetanus and Pertussis EDP (DTP).
- ❖ The data of 1.44 million shows it is 6.2% of the total babies born in 2023 (23 million)

## Most commonly used Cancer Drugs

- ❖ The six most popular cancer drugs.
  - (1) Cisplatin (2) Oxaliplatin (3) Doxorubicin
  - (4) Cyclophosphamide (5) Methotrexate (6) Leucovorin
- ❖ Cisplatin -
  - A Platinum-based drug emerged in 1960s
  - ✓ It's Platinum-containing c blocked the growth of bacteria
  - ✓ Cisplatin works by binding to the DNA of cancer cells, preventing them from growing and dividing.
  - ✓ It is effective in testicular, Ovarian, bladder and certain lung cancers.
- ❖ Oxaliplatin
  - ✓ It is also Platinum based drug
- ❖ Cyclophosphamide is another key chemotherapy drug.
  - ✓ It tackles breast cancer, blood Cancer, Sarcoma (Cancer of the Connective tissues), advanced Lymphoma (Cancer of Lymph nodes)
- ❖ Doxorubicin
  - ✓ Doxorubicin was derived from a type of soil bacteria Called streptomyces and was initially explored as antibiotic.
  - ✓ Doxorubicin is also referred as "red devil"
- ❖ Methotrexate



- ❖ By inhibiting the Protein responsible for creating new DNA molecules, it stifles cancer cell growth  
Leucovorin
  - ✓ Leucovorin, also known as folinic acid, is a form of vitamin B9
  - ✓ It was first introduced in 1950

### Carbon farming in Bihar

- ❖ Rajendra Prasad Agriculture University (RPCA), Pusa, Samastipur, Bihar in collaboration with the ISRO will promote research on Carbon Farming in Bihar.
- ❖ For this the ISRO shall provide funds for it.
- ❖ Space Applications centre of the ISRO will install a high resolution Eddy covariance tower on the university campus.
- ❖ The tower will enhance research capacity by generating high frequency, accurate data on carbon dioxide and water vapour' fluxes. This will greatly support our agricultural and climate studies by creating high-quality flex datasets for analysing land-atmosphere interactions.
- ❖ Carbon Farming, also known as carbon sequestration, involves agricultural practices that increase the storage of Carbon in soil and vegetation while reducing greenhouse gas emissions.
- ❖ It is a powerful tool for addressing global climate change and this partnership will place Bihar at the forefront of research in this critical area.
- ❖ The EC tower will aid in monitoring gross and net Primary productivity (GPP and NPP), Surface evapotranspiration and crop water use efficiency. This, in turn, will bolster research into Carbon and water flux monitoring, as well as support future space-based agricultural missions led by RPCAU.

### Waste Management in Patna

- ❖ Disposal of waste deposit at Ramchak Bairiya landfill is creating a big issue of Concern. Here the site holds 12,23,311 metric tonnes of waste. This amount is after various efforts have been taken Such as sustained bio-remediation" and "bio mining effort".
- ❖ This amount comprises of 3.8 lakh metric tonnes of legacy waste and 8.4 lakh metric tonnes of fresh waste



- ❖ The area of this landfill site is 82 acres.
- ❖ There are 5 lakh houses (including private, government and commercial) in Patna Municipal Corporation.
- ❖ The total area of Patna Municipal Corporation is 108 square km which is divided into 75 wards.
- ❖ Patna Municipal Corporation is divided into 6 circles for administrative convenience.
- ❖ In Patna city, 680 to 1200 tons of waste is generated per day. By 2030, this may increase to 1537 tons per day. Treatment of waste at the landfill site is carried out in three main stages
  - (1) Trommel screening for sorting garbage
  - (2) Refuse derived fuel (RDF) processing for converting waste into a usable fuel source
  - (3) Compositing of Organic matter. PMC has 5 bio-remediation plants, trommel screens, biomining and around 15 compost pits. Six advanced processing and disposal facilities will be set up at Ramchee Bairiya with a Capacity to handle 1600 tonnes of waste daily
- ❖ These include- (1) Waste to energy Plant capable of generating upto 15 MW of electricity (2) 100 tonne per day biomethanation plant (3) 250 tonne per day material recovery facility RDF unit (4) A 50 tonne per day MRF Plant (5) 700 tonne per day composting unit (6) 325 tonne per day Sanitary landfill





## Important Days in June 2025

Important Days in June 2025	
Date	Event
June 1	WorldMilk Day

Date	Important Days In June
June 1	Global Parents' Day
June 2	International Sex Workers' Day
June 2	Telangana Formation Day
June 3	World Bicycle Day
June 4	International Day of Innocent Children Victims of Aggression
June 5	World Environment Day
June 7	World Food Safety Day
June 8	World Brain Tumor Day
June 8	World Ocean Day
June 8	National Best Friend Day
June 12	World Day Against Child Labour
June 12	National Red Rose Day
June 14	World Blood Donor Day
June 15	World Wind Day
June 15	World Elder Abuse Awareness Day
June 15	World Father's Day
June 17	World Day to Combat Desertification and Drought (International)
June 18	World Autistic Pride Day
June 19	World Sickle Cell Awareness Day
June 20	World Refugee Day (International)
June 21	World Music Day
June 21	World Hydrography Day



Date	Important Days In June
June 21	International Yoga Day
June 21	Summer Solstice
June 23	International Olympic Day
June 23	United Nations Public Service Day 6/3 International Widow's Day
June 26	International Day against Drug Abuse and Illicit Trafficking
June 27	Helen Keller Day
June 29	National Statistics Day
June 29	International Day of the Tropics
June 30	World Asteroid Day

## One Liner

- The host country of this year's (2025) Environment Day is SouthKorea.



1. Consider the following statements:

1. The 72nd Miss World competition was held in Paris in 2025.
2. Nandini Gupta represented India in the event.
3. The representative of Indonesia won the Miss World title.

Choose the correct statement:

- (a) Only 1
- (b) Only 2
- (c) 1 and 3
- (d) None of the above

[Ans: b]

2. Who is the Chief of Defence Staff?

- (a) Vivek Chauhan
- (b) Amar Preet Singh
- (c) Upendra Diwedi
- (d) None of the above

[Ans: d]

3. Which of the following is part of the shadow economy?

- (a) Drug smuggling
- (b) Street vendors
- (c) Home tutors
- (d) All of the above

[Ans: d]

4. Where is the largest solar power plant in Bihar located?

- (a) Lakhisarai
- (b) Darbhanga
- (c) Supaul
- (d) Khagaria

[Ans: a]

5. Under the Bihar government's Civil Services Exam Incentive Scheme, which batch of BPSC students received the incentive for the first time?

- (a) 64th
- (b) 67th
- (c) 68th
- (d) 69th

[Ans: b]



6. Who has been appointed as the 87th Commissioner of Patna?

- (a) Anand Kishore
- (b) Chandrashekhar Singh
- (c) Kumar Ravi
- (d) B. Rajendra

[Ans: c]

7. What is the second largest religion in the world?

- (a) Christianity
- (b) Islam
- (c) Buddhism
- (d) Hinduism

[Ans: b]

8. Olenya and Belaya airports, where around 40 aircraft were damaged in an attack in June 2025, are located in which country?

- (a) Iran
- (b) Israel
- (c) Ukraine
- (d) Russia

[Ans: d]

9. Where is the tallest 3D-printed building in the world located?

- (a) Switzerland
- (b) Japan
- (c) France
- (d) China

[Ans: a]

10. SPMEPCI (Scheme to Promote Manufacturing of Electric Passenger Cars in India) was launched on:

- (a) 15 March 2024
- (b) 15 August 2024
- (c) 2 October 2024
- (d) 1 April 2025

[Ans: a]





11. On June 2, 2025, what exchange took place between Russia and Ukraine involving 6000 individuals?

- (a) War prisoners
- (b) Dead bodies of killed soldiers
- (c) Only live civilians
- (d) None of the above

[Ans: b]

12. The concept of 'Nuclear Umbrella' to protect all of Europe was proposed by:

- (a) Britain
- (b) France
- (c) Germany
- (d) Italy

[Ans: b]

13. Which of the following is the only nuclear-powered nation in Europe?

- (a) Britain
- (b) France
- (c) Italy
- (d) Denmark

[Ans: b]

14. Consider the following statements:

1. On 4 June 2025, the Government of India announced the 16th Census.
2. A notification was issued on the same day.
3. The process will be completed by 28 February 2027.
4. Choose the correct statement:

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2, and 3

[Ans: c]

15. What is India's contribution to global plastic waste generation?

- (a) 6%
- (b) 12%
- (c) 18%
- (d) 22%

[Ans: c]



16. Bariatric surgery is related to:

- (a) Lung Cancer
- (b) Obesity
- (c) Breast Cancer
- (d) Retina

[Ans: b]

17. Which bird is considered a symbol of the arrival of the monsoon in Bihar?

- (a) Open-billed stork
- (b) Kathijanghil
- (c) Siberian crane
- (d) All of the above

[Ans: d]

18. What was the contribution of the service sector to India's GVA in FY 2024–2025?

- (a) 55.3%
- (b) 60.5%
- (c) 65.0%
- (d) 67.5%

[Ans: a]

19. Due to the possibility of terrorist entry, Mr. Trump banned travel from 12 countries including

- (a) Afghanistan, Myanmar, Haiti, Yemen
- (b) Cuba, Turkmenistan, Sierra Leone, Somalia
- (c) Congo, Eritrea, Libya, Cuba
- (d) Somalia, Laos, Togo

[Ans: a]

20. HANSA-3NG refers to:

- (a) E-learning platform under NEP 2020
- (b) India's first indigenous flying trainer aircraft
- (c) Both a and b
- (d) None of the above

[Ans: b]



21. Which of the following is the highest rail bridge and highest arch bridge in the world?

- (a) Chenab Bridge
- (b) Anji
- (c) Baramulla Bridge
- (d) None of the above

[Ans: a]

22. Which of the following companies have been permitted to start satellite communication services in India?

- (a) Starlink
- (b) Eutelsat OneWeb
- (c) Jio Satellite Communication
- (d) All of the above

[Ans: d]

23. The 'Bharatiya Bhasha Anubhag' has been launched by which ministry to free administration from foreign languages?

- (a) Ministry of Education
- (b) Ministry of Culture
- (c) Ministry of Home Affairs
- (d) None of the above

[Ans: c]

24. Which of the following is the largest warship to be propelled by a diesel engine and water jet combination?

- (a) INS Vikrant
- (b) INS Trishul
- (c) INS Arnala
- (d) INS Vikramaditya

[Ans: c]

25. Which of the following is not connected to the plane crash in Ahmedabad on 12 June 2025?

- (a) Boeing 787-8 Dreamliner
- (b) AI-171
- (c) VT-ANB
- (d) AI-171-787

[Ans: d]



26. On 13 June 2025, Israel attacked which nuclear centers in Iran?

- (a) Fordow
- (b) Isfahan
- (c) a and b
- (d) None of the above

[Ans: c]

27. Which of the following is true regarding e-voting?

- 1.The first e-voting in India started in Bihar
- 2.A maximum of 10% votes can be cast via e-voting at a booth
- 3.E-voting is conducted from 7:00 AM to 1:00 PM

Choose the correct statements:

- (a) 1, 2
- (b) 2, 3
- (c) 1, 3
- (d) 1, 2, 3

[Ans: d]

28. The two corridors of Patna Metro have been marked with which two colors?

- (a) Blue, Red
- (b) Red, Green
- (c) Yellow, Red
- (d) None of the above

[Ans: a]

29. As per updates till June 2025, how many Vande Bharat trains are operational from Patna?

- (a) 1
- (b) 3
- (c) 5
- (d) 7

[Ans: c]

30. Who has been appointed as the Chairman of the Bihar State Religious Trust Council?

- (a) Saayan Kunal
- (b) Ranvir Nandan
- (c) Ashok Chaudhary
- (d) Dharendra Shastri

[Ans: b]





31. In which country did a judge have ink thrown at them in protest of acquitting a former minister in a serious criminal case?

- (a) Bangladesh
- (b) Nepal
- (c) Sri Lanka
- (d) Pakistan

[Ans: b]

32. Air India is owned by:

- (a) Tata Sons only
- (b) Tata Sons with 25.5% share of Singapore Airlines Ltd.
- (c) Tata Sons and Government of India
- (d) None of the above

[Ans: a]

33. What was India's stance on the UNGA resolution "Protection of Civilians and Upholding Legal and Humanitarian Obligations" on 12 June 2025?

- (a) It abstained
- (b) It voted in favor
- (c) It voted against
- (d) None of the above

[Ans: a]

34. In 2024, Indian Rare Earths Limited exported 33% of its production to which country?

- (a) Japan
- (b) South Korea
- (c) Russia
- (d) Singapore

[Ans: a]

35. Under Bihar's Textile and Leather Policy 2022, where was a high-quality bag manufacturing industrial unit established in June 2025?

- (a) Purnea
- (b) Patna
- (c) Bhagalpur
- (d) Muzaffarpur

[Ans: d]



36. Rising Lion Operation was launched in June by:

- (a) USA
- (b) Israel
- (c) Iran
- (d) Ukraine

[Ans: b]

37. Natanz was in the news recently. What is it?

- (a) An airport in Russia attacked by Ukraine
- (b) A port in the Persian Gulf attacked by Houthis
- (c) A nuclear facility in Turkey
- (d) None of the above

[Ans: c]

38. Consider the following statements:

- 1. The original height of the Clock Tower at Patna Secretariat was 198 feet, now it is 184 feet.
- 2. After an aircraft accident, the Airport Authority (AAI) recommended reducing its height by 51 feet to 133 feet.

3. Choose the correct statements:

- (a) 1, 2
- (b) 2, 3
- (c) 1, 3
- (d) 1, 2, 3

[Ans: d]

39. Mission-60 in Bihar is related to:

- (a) Bihar Assembly Election Reforms
- (b) Education and Literacy
- (c) Social Justice
- (d) Poverty

[Ans: a]

40. Who is the head of the International Atomic Energy Agency (IAEA)?

- (a) Tedros Adhanom Ghebreyesus
- (b) António Guterres
- (c) Rafael Grossi
- (d) Kristalina Georgieva

[Ans: c]



41. Which state has declared the decade 2025–2035 as the “Decade of Hydropower”?

- (a) Assam
- (b) Arunachal Pradesh
- (c) Meghalaya
- (d) Sikkim

[Ans: b]

42. SPARc Therapy is used to treat:

- (a) Cancer
- (b) AIDS
- (c) Blood Sugar
- (d) Heart Disease

[Ans: a]

43. How many astronauts were sent in the Axiom-4 mission?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

[Ans: c]

44. Which rocket was used in the Axiom-4 mission?

- (a) Falcon-9
- (b) Dragon-3
- (c) SLS
- (d) None of the above

[Ans: a]

45. “Black T-Shirts” group is related to which state?

- (a) Tamil Nadu
- (b) Sikkim
- (c) Manipur
- (d) Jammu & Kashmir

[Ans: c]



46. Ulken Nuclear Power Plant, with a capacity of 2–4 GW, will be the first nuclear power plant in which country?

- (a) Iran
- (b) Israel
- (c) Kazakhstan
- (d) Turkmenistan

[Ans: c]

47. World Elder Abuse Awareness Day (WEAAD) is observed on:

- (a) 10 June
- (b) 15 June
- (c) 20 June
- (d) No such day is observed

[Ans: b]

48. According to Forbes List 2025, choose the correct descending order of wealth among the following individuals:

- (a) Elon Musk, Mark Zuckerberg, Bill Gates, Larry Ellison
- (b) Jeff Bezos, Elon Musk, Bill Gates, Mark Zuckerberg
- (c) Elon Musk, Larry Ellison, Mark Zuckerberg, Bill Gates
- (d) Jeff Bezos, Elon Musk, Bill Gates, Mark Zuckerberg

[Ans: c]

49. On which date was Bihar Museum Biennale held?

- (a) 7 August
- (b) 7 June
- (c) 7 July
- (d) 15 July

[Ans: a]

50. What is the total number of Water Highways in India at present?

- (a) 5
- (b) 52
- (c) 111
- (d) 165

[Ans: c]





51. What is India's rank in the Global Gender Gap Index 2025 published in June 2025?

- (a) 148
- (b) 131
- (c) 129
- (d) 105

[Ans: b]

52. Which country secured first rank in the Global Gender Gap Index 2025?

- (a) Finland
- (b) Norway
- (c) New Zealand
- (d) Iceland

[Ans: d]

53. According to UNESCO's Global Education Monitoring Team, how many children are out of school globally?

- (a) 272 million
- (b) 27 million
- (c) 72 million
- (d) 1.5 billion

[Ans: a]

54. Flue Gas Desulphurization is a technology used to minimize sulphur dioxide emissions in:

- (a) Brick kilns
- (b) Thermal power plants
- (c) Cement factories
- (d) None of the above

[Ans: b]

55. "Semicon India" was launched in which year?

- (a) 2017
- (b) 2022
- (c) 2024
- (d) 2025

[Ans: b]



56. As of June 2025, how many heritage trees were identified in Bihar?

- (a) 10
- (b) 32
- (c) 54
- (d) 78

[Ans: b]

57. A notification for the upcoming census was issued on 16 June 2025. How many censuses have been conducted in India so far?

- (a) 14
- (b) 15
- (c) 16
- (d) 17

[Ans: b]

58. The “Grand Cross of Makarios III” is the highest civilian award of which country?

- (a) Cyprus
- (b) New Zealand
- (c) Saudi Arabia
- (d) Mauritius

[Ans: a]

59. Consider the following statements regarding the Civil Registration System (CRS) report based on 2022 data:

1. The national sex ratio is 943.
2. Bihar's sex ratio is 891.
3. Bihar ranks third in the country in terms of the number of girl child births.
4. Choose the correct statements:
5. (a) 1 and 2
6. (b) 1 and 3
7. (c) 2 and 3
8. (d) 1, 2, and 3

9. [Ans: d]

60. What is India's GDP in the year 2024–25 (estimated)?

- (a) 756.7 billion USD
- (b) 775.8 billion USD
- (c) 803.5 billion USD
- (d) 824.9 billion USD

[Ans: d]



61. Mr. Blaise Metreweli has been appointed as the first female chief of which intelligence organization?

- (a) CIA
- (b) Mossad
- (c) MI-5
- (d) MI-6

[Ans: d]

62. According to a study conducted in Bihar, which district recorded the highest level of uranium in its groundwater?

- (a) Madhepura
- (b) Supaul
- (c) Jamui
- (d) Kaimur

[Ans: b]

63. Operation Sindhu was launched by the Government of India due to:

- (a) India–Pakistan armed conflict in 2025
- (b) Israel–Iran war
- (c) Russia–Ukraine war
- (d) None of the above

[Ans: b]

64. What was the last session of the 17th Bihar Legislative Assembly?

- (a) Budget Session
- (b) Monsoon Session
- (c) Winter Session
- (d) Special Session

[Ans: b]

65. Under Mission Karmayogi, which state ranked first in achieving digital and online working efficiency and training?

- (a) Bihar
- (b) Karnataka
- (c) Jammu & Kashmir
- (d) Gujarat

[Ans: a]



66. Who were declared as recipients of the Children's and Youth Literature Awards by the Sahitya Akademi in 2025?

- (a) Munni Kamat
- (b) Dr. Dhiraj Pandey
- (c) Neha Jha Mani
- (d) All of the above

[Ans: d]

67. In June, the President of the United States invited the Army Chief of which country for a special lunch?

- (a) China
- (b) Pakistan
- (c) Syria
- (d) India

[Ans: b]

68. Choose the correct statement about the Global Energy Transition Index 2025:

- (a) India ranked 73rd
- (b) Finland ranked 1st
- (c) a and b
- (d) None of the above

[Ans: d]

69. The Performance Grading Index (PGI) was issued by which ministry?

- (a) Ministry of Home Affairs
- (b) Ministry of Finance
- (c) Ministry of Education
- (d) Ministry of Defence

[Ans: c]

70. What was Bihar's level in the Performance Grading Index 2025?

- (a) Daksh (Level 1)
- (b) Utkarsh (Level 2)
- (c) Aakanshi-2 (Level 9)
- (d) Prayas (Level 1)

[Ans: c]





71. What is the amount fixed by the Bihar government for Social Security Pension?

- (a) ₹400 per month
- (b) ₹800 per month
- (c) ₹1100 per month
- (d) ₹1500 per month

[Ans: c]

72. In which year was the 35% reservation for women in Bihar government jobs implemented?

- (a) 2006
- (b) 2012
- (c) 2016
- (d) 2018

[Ans: c]

73. Under the scheme for employment, how much amount was announced for 94 lakh families in Bihar earning ₹6000 per month?

- (a) ₹50,000
- (b) ₹1,00,000
- (c) ₹1,50,500
- (d) ₹2,00,000

[Ans: d]

74. Regarding International Yoga Day celebrated on 21 June 2025, which statement is correct?

- (a) It was the 11th Yoga Day
- (b) Theme: "Yoga for One Earth, One Health"
- (c) Both a and b
- (d) None of the above

[Ans: c]

75. Who was nominated by Pakistan for the Nobel Peace Prize 2025?

- (a) President of the USA
- (b) President of India
- (c) President of China
- (d) President of Pakistan

[Ans: a]



76. In June 2025, who successfully transmitted messages over a distance of 1 km in the field of Quantum Communication?

- (a) IIT Delhi
- (b) DRDO
- (c) ISRO
- (d) a and b

[Ans: d]

77. "Short Tandem Reports" were recently in the news in connection with:

- (a) America's attack on Iran
- (b) Ukraine's attack on Russia
- (c) Axiom-4
- (d) Ahmedabad Air Crash 2025

[Ans: d]

78. Regarding Iran's nuclear program, which of the following is true?

- (a) Iran signed the NPT on 1 July 1968
- (b) Iran has not yet signed the NPT
- (c) Iran has officially declared its nuclear weapons policy
- (d) None of the above

[Ans: a]

79. Which strait lies between the Persian Gulf and the Gulf of Oman?

- (a) Strait of Hormuz
- (b) Palk Strait
- (c) Strait of Malacca
- (d) Bab-el-Mandeb Strait

[Ans: a]

80. On which US military bases did Iran launch attacks in June 2025?

- (a) Al-Asad Airbase
- (b) Al-Udeid Airbase
- (c) Both a and b
- (d) None of the above

[Ans: c]



81. What is Bihar's rank in honey production in India?

- (a) First
- (b) Second
- (c) Third
- (d) Fourth

[Ans: d]

82. Which district is the largest honey-producing area in Bihar?

- (a) Patna
- (b) Muzaffarpur
- (c) Bhagalpur
- (d) Madhubani

[Ans: b]

83. Which of the following has been declared as Water Heritage Sites in Bihar by the Ministry of Jal Shakti, Government of India?

- (a) Sher Shah Suri Tomb
- (b) Kanwar Lake
- (c) Agam Kuan
- (d) a and b

[Ans: d]

84. Select the correct statement about US military bases:

- (a) The USA has around 128 military bases outside its territory
- (b) The largest base is in Qatar
- (c) Both a and b
- (d) None of the above

[Ans: a]

85. After the Hamas attack on Israel on 7 October 2023, how many resolutions condemning Israel have been passed by the United Nations?

- (a) 8
- (b) 12
- (c) 16
- (d) 20

[Ans: c]



86. Which of the following was not targeted by the USA during its attack on Iran's nuclear centers in June 2025?

- (a) Tehran
- (b) Natanz
- (c) Fordow
- (d) Isfahan

[Ans: a]

87. When did the ceasefire in the 2025 Israel–Iran conflict begin?

- (a) 13 June
- (b) 20 June
- (c) 24 June
- (d) 26 June

[Ans: c]

88. Ms. Kirsty Coventry has been appointed as the first female head of which organization?

- (a) MI-6
- (b) CIA
- (c) IOC (International Olympic Committee)
- (d) UNDP

[Ans: c]

89. "Operation Midnight Hammer" refers to:

- (a) Israel's armed attack on Iran
- (b) USA's armed attack on Iran
- (c) Deportation of illegal immigrants
- (d) None of the above

[Ans: b]

90. What is correct regarding the 10th Sustainable Development Goals (SDG) Index?

- (a) Sweden ranked 1st
- (b) India's position was 99th
- (c) Both a and b
- (d) None of the above

[Ans: b]





91. According to the committee headed by former RBI Governor C. Rangarajan, what was Bihar's poverty rate in 2023–24?

- (a) 23.3%
- (b) 26.5%
- (c) 30%
- (d) 32.6%

[Ans: a]

92. The BBNJ agreement is related to:

- (a) High Seas
- (b) Space Waste
- (c) Artificial Intelligence
- (d) Nuclear Energy

[Ans: a]

93. SAHAPortal is related to:

- (a) Health
- (b) Ocean
- (c) Education
- (d) None of the above

[Ans: b]

94. Where was the 8th Indian Ocean Conference held?

- (a) Muscat
- (b) Kochi
- (c) Maldives
- (d) None of the above

[Ans: a]

95. When was Axiom-4 launched?

- (a) 24 June 2025
- (b) 25 June 2025
- (c) 26 June 2025
- (d) 30 June 2025

[Ans: b]



96. Consider the following political parties in Bihar and their election symbols as per the Election Commission of India:

1. Rashtriya Lok Morcha – School Bag
2. VIP – Gas Cylinder
3. Jan Suraj – Boat

Choose the correct match:

- (a) Only 1 is correctly matched
- (b) 2 and 3 are correctly matched
- (c) All are correctly matched
- (d) None of the above is correctly matched

[Ans: d]

97. Shubhanshu Shukla reached the International Space Station through which spacecraft?

- (a) Falcon-9
- (b) Crew Dragon 213
- (c) Apollo
- (d) None of the above

[Ans: b]

98. Recently, ADB approved a loan of how much amount to boost women's financial Inclusion in Pakistan?

- (a) 76,000 billion PKR
- (b) 50,000 billion PKR
- (c) 1,00,000 billion PKR
- (d) None of the above

[Ans: a]

99. Who is Volker T/erk?

- (a) UN High Commissioner for Human Rights
- (b) WTO Chief
- (c) IAEA Head
- (d) Leader of Opposition in Turkey

[Ans: a]

100. Which country generated the highest percentage of its total energy from renewable sources?

- (a) Germany
- (b) Spain
- (c) UK
- (d) USA

[Ans: a]



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