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Aparchit 14 November English Super Current Affairs MCQ with Facts 2025
By Aparchit Exam Warriors/Kumar Kaushal Sir

Q.1. **Which Indian institute developed India's first Quantum Diamond Microscope?**

A) IIT Delhi   B) Indian Institute of Science (IISc)

C) IIT Bombay   D) IIT Madras

Answer : C

- ✓ IIT Bombay Develops India's First Quantum Diamond Microscope to Aid Neuroscience & Materials Research.

- ✓ The researchers from the Photonics and Quantum Engineering (P-Quest) Lab at Indian Institute of Technology (IIT)-Bombay, Mumbai (Maharashtra) developed India's first Indigenous Quantum Diamond Microscope (QDM), marking a milestone in quantum sensing, which earned India its first patent in this domain.

- ✓ It was developed under the National Quantum Mission (NQM) of the Department of Science and Technology (DST), Ministry of Science & Technology.

- ✓ The QDM allows wide-field, three-dimensional magnetic-field imaging at the nanoscale. It can visualise magnetic fields in 3-D, map hidden current paths in multilayer chips, assess materials and devices non-destructively, and even support applications in neuroscience.

- ✓ The National Quantum Mission (NQM) is a Government of India initiative approved in April 2023 to promote research and development in quantum technology, with a budget of ₹6003.65 crore from 2023-24 to 2030-31.

IIT IN NEWS 2025
➢ IIT Bombay Develops India's First Quantum Diamond Microscope to Aid Neuroscience & Materials Research.
➢ IIT-Madras has been nominated as a United Nations (UN) Centre of Excellence (COE) for Artificial Intelligence (AI), capacity building, and skilling.
➢ IIT- Madras develops silicon photonics based Quantum Random Number Generator
➢ In NIRF India Ranking 2025, Indian Institute of Technology (IIT) Madras topped the overall category as well as the engineering institutions category.

➤ The NIRF 2025 Overall Top 5 are: 1) Indian Institute of Technology (IIT) Madras, 2) Indian Institute of Science (IISc), Bengaluru, 3) Indian Institute of Technology (IIT) Bombay, 4) Indian Institute of Technology (IIT) Delhi, and 5) Indian Institute of Technology (IIT) Kanpur.

➤ IIT Guwahati researchers developed a bamboo-polymer composite as an eco-friendly alternative to plastic in vehicle interiors.

➤ IIT Madras has made India's lightest wheelchair called YD One.

➤ Kerala State Electricity Board (KSEB), in partnership with IIT Bombay, has launched a pilot V2G project to test its feasibility in the state.

➤ Coal India joins hands with IIT Hyderabad for R D in clean coal tech.

➤ DRDO and IIT Hyderabad unveiled India's largest metal 3D printing machine for rocket components. It was developed at the DRDO-Industry-Academia Centre of Excellence (DIA-CoE) at IIT Hyderabad.

➤ IIT Bombay has partnered with the Centre for Development of Telematics (C-DOT) to develop an "Optical Transceiver Chipset for High-Bandwidth 6G Wireless Links."

➤ IIT Madras has announced a collaboration with the Ministry of Agriculture and Farmers' Welfare on Project VISTAAR (Virtually Integrated System to Access Agricultural Resources).

➤ IIT-Madras has successfully commissioned Asia's largest shallow wave basin at its Discovery campus in Thaiyur.

➤ IIT Madras, in collaboration with the startup TuTr, completed India's first 410-meter Hyperloop test track, marking a significant step forward in vacuum-based train technology.

➤ Indian Institute of Technology Bombay (IIT Bombay) have developed water-pollutant detecting device called 'AroTrack'.

➤ IIT Madras Partners with IDBI To Launch Cybersecurity Lab

➤ The Centre for Development of Telematics (C-DOT) partners with IIT Roorkee and Mandi to boost 6G standardization, connectivity.

➤ TCS And IIT Bombay Collaborate To Create India's First Semiconductor Chip Imaging Tool.

➤ Alliance of Digital India Foundation (ADIF) and IIT Guwahati incubation center sign MoU to boost startup ecosystem

➤ Experimental Licence Module for 100 5G Labs' launched at IIT Madras

➤ President of India Draupadi Murmu launched India's first domestic gene therapy for cancer at IIT

Bombay.

➤ French aerospace and defence firm Starburst Accelerator SARLhas partnered with the Indian Institute of Technology Madras (IIT Madras) to set up an innovative hub for start-ups with €100 million in funding support.

➤ IIT Madras has developed an indigenous electric standing wheelchair called 'NeoStand,' claimed to be India's most customizable wheelchair for the benefit of wheelchair users

➤ Ministry of Heavy Industries (MHI) and the Indian Institute of Technology, Roorkee (IIT Roorkee) have collaborated to establish a Centre of Excellence and Industry Accelerator in the automotive and electric vehicle (EV) sector.

Q.2. **The new AI-based Locking Monitoring System called 'DRISHTI', which was recently in the news, is being developed for use by which entity?**

A) Defence Research and Development Organisation (DRDO)

B) Indian Space Research Organisation (ISRO)

C) Indian Railways

D) Ministry of Health and Family Welfare

Answer : C

✓ **The Indian Railways is planning to install a new AI-based Locking Monitoring System called – 'DRISHTI'.**

✓ **About DRISHTI System:**

✓ It is an AI-Based Freight Wagon Locking Monitoring System.

✓ The Northeast Frontier Railway (NFR) joined hands with the Indian Institute of Technology Guwahati Technology Innovation and Development Foundation (IITG TIDF) to develop the system.

✓ The DRISHTI system aims to tackle operational challenges in identifying unlocked or tampered doors on moving freight wagons, a persistent safety and security issue in rail logistics.

✓ The new AI-based solution is designed to provide real-time monitoring, detect anomalies in door locking mechanisms, and automatically generate alerts without disrupting train movement.

✓ It uses AI-powered cameras and sensors strategically installed to capture and analyse door positions and locking conditions

Q.3. **Which agency's program is ESCAPEDE Mission part of?**

   A) European Space Agency (ESA)

   B) Indian Space Research Organisation (ISRO)

   C) National Aeronautics and Space Administration (NASA)

   D) Japan Aerospace Exploration Agency (JAXA)

Answer : C

✓ **NASA's Escapade mission begins two-year-long journey to Mars.**

✓ Blue Origin has successfully launched Nasa's highly anticipated Escapade mission to Mars.

✓ **About ESCAPEDE Mission:**

✓ The ESCAPADE (Escape and Plasma Acceleration and Dynamics Explorers) mission is the first coordinated multi-spacecraft orbital science mission to the Mars.

✓ Its twin orbiters known as Blue and Gold which will take simultaneous observations from different locations around Mars.

✓ It is part of NASA's SIMPLEx (Small Innovative Missions for Planetary Exploration) program.

✓ This mission has chosen 'launch and loiter' strategy

✓ It means the satellites will launch from Earth toward the Lagrange 2 Point (L2), a point in space where the balance of Earth and Sun's gravitational pull ensures that a spacecraft stays put.

✓ The spacecraft will stay put or loiter at L2 until the apt window for Mars travel opens up, and then it will move toward Mars in late 2026.

✓ **Objectives of ESCAPEDE Mission:**

✓ It will reveal the planet's real-time response to space weather and how the Martian magnetosphere changes over time,

✓ These spacecraft will travel to Mars to study the interaction between solar wind, streams of charged particles from the Sun, and the Martian magnetic field

NASA IN NEWS 2025
➢ NASA and the National Oceanic and Atmospheric Administration (NOAA) have launched IMAP, Carruthers Geocorona Observatory, and the SWFO-L mission to study the Sun's influence in the solar system.
➢ NASA-ISRO joint satellite NISAR will be launched from Satish Dhawan Space Centre, Sriharikota,

on July 30 .

➤ GSLV-F16 will inject the Synthetic Aperture Radar (NISAR) satellite into a 743 km Sun-synchronous orbit with an inclination of 98.4 degrees.

➤ NASA launched twin satellites as part of the TRACERS mission to study magnetic reconnection and its effects in Earth's atmosphere

➤ Dangeti Jahnavi from Andhra Pradesh, will travel to space in 2029. She is the first Indian to complete Nasa's International Air and Space Program.

➤ NASA's SPHEREx space telescope is slated to launch from Vandenberg Space Force Base in California aboard a SpaceX Falcon 9 rocket.

➤ The NASA-ISRO Synthetic Aperture Radar (NISAR) satellite mission is now tentatively scheduled for launch in June 2025.

➤ NASA's IM-2 mission, launched on February 26, 2025, is indeed a significant step in lunar exploration. This mission, part of NASA's Commercial Lunar Payload Services (CLPS) initiative and the Artemis program

➤ NASA's PACE (Plankton, Aerosol, Cloud, ocean Ecosystem) mission was launched on February 8, 2024. The mission aims to study the health of Earth's oceans and atmosphere by observing plankton, aerosols, clouds, and their interactions.

➤ Indian astronaut Group Captain Shubhanshu Shukla's Axiom-4 mission (Ax-4) to the International Space Station (ISS) was launched on June 25, 2025 from NASA's Kennedy Space Center in Florida.

➤ Astronauts Sunita Williams and Butch Wilmore returned to Earth after a 286 days stay on the International Space Station. Their SpaceX Crew Dragon capsule splashed down in the Gulf of Mexico off the coast of Florida.

➤ NASA astronaut Sunita Williams has made history by setting the record for the most time spent spacewalking by a woman.

➤ She logged 62 hours and 6 minutes of spacewalking, surpassing the previous record of 60 hours and 21 minutes held by former astronaut Peggy Whitson.

➤ NASA will launch the Pandora mission in 2025 to study the atmospheres of distant exoplanets. It will focus on clouds, hazes, and water, key factors for habitability.

Q.4. **Which of the following is the correct new royalty rate for Zirconium, as approved by the Union Cabinet of India?**

A) 4% of the Average Sale Price (ASP)

B) 2% of the Average Sale Price (ASP)

C) 1% of the Average Sale Price (ASP)

D) A per-tonne fee, the rate of which has yet to be determined

Answer : C

✓ The Union Cabinet has approved the rationalisation of royalty rates for four critical minerals — Graphite, Caesium, Rubidium, and Zirconium — to promote domestic production.

✓ **What is Royalty Rate?**

✓ It is a charge levied by the government on mineral producers for the extraction of natural resources, calculated as a percentage of the Average Sale Price (ASP) of the mineral or on a fixed per-tonne basis

✓ **Law Governing:**

✓ Governed by the Mines and Minerals (Development and Regulation) Act, 1957 (MMDR Act) and the Mineral Concession Rules, 1960, which empower the Central Government to fix or revise royalty rates.

✓ **Aim:** To ensure fair value capture for the state, encourage exploration and auction of mineral blocks, and promote the availability of critical minerals vital for green technologies and strategic sectors like EVs, nuclear energy, and electronics

✓ **Key Features of the Decision:**

✓ **Graphite:** Royalty will now depend on quality — 2% for higher-grade (≥80% carbon) and 4% for lower-grade (<80%) graphite. Earlier, it was a flat per-tonne charge; now it changes with market price.

✓ **Caesium & Rubidium:** Both will have a 2% royalty on the value of metal extracted.

✓ Zirconium: Will attract a 1% royalty on its metal value.

✓ The new rates will make it easier to auction blocks containing these minerals and discover linked elements like lithium and rare earths.

✓ It brings India's royalty structure in line with international norms (2–4%), ensuring fair pricing and more investor interest.

✓ **Significance:**

✓ **Reduces Import Dependence:** India currently imports 60% of its graphite requirement; new rates incentivize indigenous mining and processing.

✓ **Boosts Green Energy Transition:** Critical for EV batteries, nuclear cladding, atomic clocks, and fiber optics—key components in India's clean-tech ecosystem.

Q.5. **Which country originally designed and developed the Invar missile?**

A) India   B) United States

C) Israel   D) Russia

Answer : D

✓ **Defence Ministry signs ₹2,095 crore deal with BDL for INVAR Anti-Tank Missiles.**

✓ Ministry of Defence recently inked an agreement with Bharat Dynamics Limited for the procurement of INVAR Anti-Tank Missiles worth over 2 thousand 95 crore rupees to enhance the lethality of T-90 tanks.

✓ **About INVAR Missile:**

✓ It is an anti-tank guided missile (ATGM) designed to be launched from tank platforms.

✓ The Invar missile, capable of being fired from the barrel of T-90 tanks, has been in active deployment by Indian forces and is known for its long-range precision strike capability.

✓ The missile can neutralise adversaries tanks fitted with Explosive Reactive Armour Protection.

✓ The Invar missile is built by Rosoboronexport of Russia, and it is produced under license in India by Bharat Dynamics Limited (BDL).

✓ It has a calibre of 125 mm and a range of 5000 m

Q.6. **The Invar missile is primarily classified as which type of weapon?**

A) Surface-to-air missile (SAM)   B) Air-to-air missile (AAM)

C) Anti-tank guided missile (ATGM)   D) Submarine-launched ballistic missile (SLBM)

Answer : C

MISSILE IN NEWS 2025
➢ Israel successfully tested missile defense laser system 'Iron Beam'
➢ Swedish defense company Saab recently announced the development of a new missile named Nimbrix
➢ Russia is preparing for new tests of its much-discussed and feared 9M730 Burevestnik nuclear-

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powered cruise missile, a "one-of-a-kind" weapon in Moscow's arsenal

➤ Iran may have developed or prepared for testing its first intercontinental ballistic missile (ICBM), called Khorramshahr-5.

➤ Turkey recently unveiled its first hypersonic ballistic missile, the Tayfun Block-4, in Istanbul.

➤ Russia has reportedly offered the R-37M missile, one of the world's best air-to-air missiles, to India.

➤ Iran recently unveiled two missiles, named Etemad and Ghadr-380.

➤ India has successfully tested the Bhargavastra, its first micro-missile system designed to counter swarm drones.

➤ About Bhargavastra:

➤ It is India's first indigenous micro-missile system designed to take on the threat of swarm drones.

➤ It was developed by the Economic Explosives Ltd.

➤ It can quickly deploy on a mobile platform and hit targets over 2.5 km.

➤ Turkey has successfully tested the firing of the supersonic missile UAV-122 from the Bayraktar Akinci drone.

➤ DRDO successfully test-fired a long-range hypersonic missile from Dr. APJ Abdul Kalam Island, off the coast of Odisha, on November 16, 2024. The missile was designed to carry payloads over 1,500 kilometers.

➤ Tu-22M3 missile carriers of the Russian Aerospace Forces recently struck Snake Island in the Black Sea with Kh-22 cruise missiles.

➤ Indian Air Force has given its green signal for the production of 200 Astra mark-1 (Mk-1) missiles for its Su-30 MKI and the indigenously developed Light Combat Aircraft Tejas.

➤ The DRDO developed the Astra Mk-1, which is being manufactured by Bharat Dynamics Limited.

➤ The Astra is an air-to-air beyond visual range (BVR) missile. Astra Mk-1 has a range of 80-110 km with a maximum speed of 4.5 Mach.

➤ Indian "Iron-Dome" Akash Surface-to-Air Missile (SAM) is competing against Chinese-made Sky Dragon-50 air defense systems to secure an order from Brazil.

➤ India has successfully test-fired its first indigenous anti-radiation missile, the Rudram-1 (air–to–surface missile), developed by the DRDO for the Indian Air Force (IAF)

➤ India's Strategic Forces Command has successfully tested a new model of its Medium-Range Ballistic Missile, Crystal Maze 2.

➢ Russia will supply the remaining two units of the S-400 Triumf surface-to-air missile system in the next year.

Q.7. **Which three ISO certifications did the All India Institute of Ayurveda's (AIIA) Pharmacology Laboratory recently receive from the Bureau of Indian Standards (BIS)?**

A) ISO 9001, ISO 14001, and ISO 22301

B) ISO 9001, ISO 45001, and ISO 22301

C) ISO 9001, ISO 14001, and ISO 45001

D) ISO 14001, ISO 45001, and ISO 27001

Answer : C

✓ The Pharmacology Laboratory of the All India Institute of Ayurveda (AIIA) achieved a remarkable milestone by receiving triple ISO certification from the Bureau of Indian Standards (BIS), underscoring its commitment to global quality, environmental responsibility, and workplace safety.

✓ The Pharmacology Laboratory of the All India Institute of Ayurveda, an autonomous body under the Ministry of Ayush, has been accredited with IS/ISO 9001:2015 for Quality Management, IS/ISO 14001:2015 for Environmental Management, and IS/ISO 45001:2018 for Occupational Health and Safety Management.

✓ The certifications are for:

✓ **ISO 9001** (Quality Management Systems)

✓ **ISO 14001** (Environmental Management Systems)

✓ **ISO 45001** (Occupational Health and Safety Management Systems)

Q.8. **India's first MWh-scale Vanadium Redox Flow Battery (VRFB) system was recently inaugurated at which location?**

A) IIT Madras   **B) NTPC NETRA**

C) Indian Institute of Science, Bangalore D) Solar Energy Corporation of India (SECI) headquarters

Answer : B

✓ **Power Minister Manohar Lal unveils India's first MWh-Scale Vanadium Flow Battery at NTPC NETRA.**

✓ India inaugurated its first MWh-scale Vanadium Redox Flow Battery (VRFB) system of 3 MWh capacity at NTPC NETRA, Greater Noida, marking a breakthrough in long-duration energy storage (LDES) and renewable energy integration.

✓ The Vanadium Redox Flow Battery (VRFB) is an advanced liquid-electrolyte–based energy storage system, designed as a sustainable alternative to lithium-ion batteries for grid-scale storage.

✓ It enables large-scale, long-duration energy retention crucial for renewable energy

✓ **Located in:** NTPC NETRA (National Energy Technology Research Alliance), Greater Noida, Uttar Pradesh

✓ **Organisation Involved:** Developed by NTPC's R&D Centre (NETRA) under the Ministry of Power

✓ **Aim:** To strengthen India's energy transition and grid resilience by developing indigenous, safe, and long-duration storage technologies that reduce dependence on imported lithium.

✓ **Key Features:**

✓ **Capacity:** 3 MWh — India's largest and first-of-its-kind installation

✓ **Technology:** Uses vanadium electrolyte instead of lithium; highly scalable, safe, and long-lasting

✓ **Lifespan:** 15–20 years with minimal degradation.

✓ **About Vanadium:**

✓ It is a chemical element with the symbol "V" and atomic number 23.

✓ The largest resources of vanadium minerals are found in South Africa and Russia.

✓ Leading Producers: China, Russia and South Africa.

Q.9. **What are the names of the official mascots for the 2025 Khelo India University Games?**

A) Gajasimha and Ujjwala   **B) Vijay and Jaya**

C) Khamma and Ghani   **D) Bhoorsingh and Nini**

Answer : C

✓ Sports Authority of India (SAI), in collaboration with the Rajasthan State Sports Council and the Government of Rajasthan unveiled the Logo, Mascot, Torch, and Jersey for the 5th Edition of Khelo India University Games (KIUG) 2025 at Amer Fort in Jaipur, Rajasthan.

✓ Games Canoeing, Kayaking, Cycling, and Beach Volleyball are newly added in KIUG 2025.

✓ It includes seven cities in Rajasthan such as Jaipur, Ajmer, Bharatpur, Udaipur, Jodhpur, Kota, and Bikaner, marking the first time Rajasthan hosting national-level university sports event.

- ✓ The logo features
- ✓ Hawa Mahal, symbolizing Jaipur's royal heritage and grace,
- ✓ Ranthambore Fort, representing strength, strength, and tradition
- ✓ Sand dunes, reflecting Rajasthan's desert landscape
- ✓ Windmills, symbolizing modernity, sustainability, and energy
- ✓ Pink color palette, a tribute to Jaipur, the "Pink City".
- ✓ The mascots for KIUG 2025 are "Khamma" and "Ghani", which embody Rajasthan's spirit and culture.
- ✓ Khamma, inspired by "Camel", the state animal of Rajasthan, symbolizes endurance, strength, and agility.
- ✓ Ghani, draws from the local greeting "Khamma Ghani", representing hospitality and warmth.

Q.10. The 2025 Khelo India University Games are being hosted by which state?

    A) Bihar   B) Uttar Pradesh

    C) Haryana   D) Rajasthan

Answer : D

Q.11. Which entity recently launched the 'Startup Common Application Journey' on the 'Jan Samarth Portal' to facilitate easier access to credit for startups?

    A) Reserve Bank of India (RBI)

    B) Small Industries Development Bank of India (SIDBI)

    C) Department of Financial Services (DFS)

    D) Department for Promotion of Industry and Internal Trade (DPIIT)

Answer : C

- ✓ **DFS Launched Startup Common Application Journey on 'Jan Sammarth Portal' for Startups.**
- ✓ Department of Financial Services (DFS) under the Ministry of Finance (MoF) launched the "Startup Common Application Journey" on Jan Sammarth portal aimed to provide a unified digital platform for startups to access credit across all Indian Public Sector Banks (PSBs).
- ✓ It was developed by the Indian Banks' Association (IBA) in partnership with PSB Alliance.
- ✓ This new initiative supported by a Model Loan Scheme, offers loans up to Rs 20 crore under the Government of India (GoI)'s Credit Guarantee Scheme for Startups (CGSS), operated by the National

Credit Guarantee Trustee Company (NCGTC)under the aegis of Department for Promotion of Industry and Internal Trade (DPIIT) under the Ministry of Commerce & Industry .

✓ The digital platform integrates key data sources such as: Permanent Account Number (PAN), Good and Services Tax (GST), Udyam registration, Income Tax Returns (ITR), and credit bureau information, ensuring faster processing and greater transparency.

✓ **Jan Samath Portal:** Jan Samarth portal launched in June 2022, acts as a single-digital platform that links eligible beneficiaries with 14 credit-linked government schemes.

Q.12. **Which two entities recently announced a strategic collaboration to integrate an AI model into a digital payments platform?**

A) Google and PhonePe   B) Microsoft and OpenAI

C) PhonePe and OpenAI   D) Razorpay and Google

Answer : C

✓ **PhonePe Collaborates with OpenAI to Integrate ChatGPT Features Across its Ecosystem in India.**

✓ PhonePe Limited, a leading financial technology (Fintech) company, announced a strategic collaboration with OpenAI, a leading global artificial intelligence (AI) company, to accelerate the consumer adoption of ChatGPT (Chat Generative Pre-trained Transformer) features in India and enhance user experience on digital platforms.

✓ The partnership aims to demonstrate the value of consumer AI in India and support mutual business growth.

Q.13. **According to the WHO Global TB Report 2025, approximately how many people fell ill with TB globally in 2024?**

A) 5.3 million   B) 8.3 million

C) 10.7 million   D) 1.25 million

Answer : C

✓ World Health Organisation (WHO) released its latest Global Tuberculosis (TB) Report 2025. As per the report, India's TB incidence rate (new cases emerging each year) declined by 21% i.e. from 237 per lakh population (in 2015) to 187 per lakh population (in 2024), which is almost double the rate of decline observed globally (i.e. at 12%).

- As per the WHO's report, tuberculosis remains one of the world's deadliest infectious diseases, causing over 1.2 million deaths and affecting approximately 10.7 million people in 2024.

- The global TB incidence rate fell by 1.7% in 2024, reaching 131 cases per 1 lakh population compared to the 2023 rate

- The report further highlighted that together, 8 countries accounted for 67% of global TB cases in 2024, led by India (25%), followed by Indonesia (10%), the Philippines (6.8%), China (6.5%), Pakistan (6.3%), Nigeria (4.8%), the Democratic Republic of Congo (DRC) (3.9%), and Bangladesh (3.6%).

- **Region-wise:** The report revealed that South-East Asia (SEA) region registered the highest rate of TB cases i.e. at 34% (in 2024) compared to all regions; followed by the Western Pacific (27%), Africa (25%), Eastern Mediterranean (8.6%), the Americas (3.3%) and Europe (1.9%).

- Globally, the number of people falling ill with TB decreased to 10.7 million in 2024, marking an improvement of nearly 2% compared to 2023.

- As per the report, the global rate of deaths caused by TB also declined by 3% i.e. from 1.27 million people (in 2023) to 1.23 million people (in 2024).

Q.14. According to the report, which country had the highest TB burden, accounting for 25% of global cases in 2024?

A) China   B) India

C) Indonesia   D) Philippines

Answer : B

- **Top 5 Countries with highest TB Burden:** India (25%), Indonesia (10%), the Philippines (6.8%), China (6.5%) and Pakistan (6.3%)

- **Top 3 Regions with Highest TB Burden:** South-East Asia (SEA) (34%) Western Pacific (27%) and Africa (25%)

Q.15. What is the target year set by the Government of India to eliminate tuberculosis (TB), which is ahead of the UN Sustainable Development Goal (SDG) target?

A) 2030   B) 2027

C) 2025   D) 2035

Answer : C

✓ The Government of India has set a target year of 2025 to eliminate tuberculosis (TB), which is five years ahead of the UN Sustainable Development Goal (SDG) target of 2030.

✓ This goal is a key objective of the National TB Elimination Programme (NTEP).

✓ **India's Target:** Eliminate TB by 2025.

✓ **UN SDG Target:** End the epidemic of TB by 2030.

✓ India's 2025 goal is part of its National Strategic Plan (2017–2025).

Q.16. **Which state has become the first in India to implement the amended Bharat Net Scheme?**

A) Gujarat   B) Madhya Pradesh

C) Rajasthan   D) Punjab

Answer : D

✓ Punjab has become the first state in India to implement the amended Bharat Net Scheme across the entire state.

✓ This enables live monitoring of the border state from any location in the country.

✓ By the end of November 2025, every village in Punjab will be covered under the scheme.

✓ Bharat Net Scheme aims to provide broadband connectivity to all Gram Panchayats, households, and institutions.

✓ The scheme also supports e-health and e-governance services in rural areas.

Q.17. **Which organization has established India's first all-women drone operations unit, the "Durga Drone Squadron"?**

A) Indian Army   B) Indian Navy

C) Central Reserve Police Force (CRPF) D) Border Security Force (BSF)

Answer : D

✓ BSF Commissions First All-Women Drone Operations Unit "Durga Drone Squadron" in Madhya Pradesh.

✓ Border Security Force (BSF) has commissioned its first all-women drone operations unit named 'Durga Drone Squadron', at the School of Drone Warfare (SDW) in the BSF Academy in Gwalior, Madhya Pradesh.

✓ Named after goddess Durga, the unit embodies the power, precision, and resilience of BSF's women personnel.

✓ The initiative aims to integrate women personnel into drone-based surveillance and reconnaissance roles along India's western and eastern borders

Q.18. The recent Memorandum of Understanding (MoU) between CSIR and NICDC aims to drive innovation and technology deployment across India's industrial corridors. Which of the following is a key national initiative that this partnership aligns with?

A) Swachh Bharat Abhiyan

B) Digital India

C) Make in India, Startup India, and Aatmanirbhar Bharat

D) MGNREGA

Answer : C

✓ **CSIR and NICDC Signed MoU to Drive Innovation Across India's Industrial Corridors.**

✓ Council of Scientific and Industrial Research (CSIR) under Ministry of Science and Technology (MoS&T) and the National Industrial Corridor Development Corporation (NICDC) under Ministry of Commerce and Industry (MoCI), signed a Memorandum of Understanding (MoU) at CSIR Headquarters, New Delhi, Delhi.

✓ The MoU aims to establish a collaborative framework for applying CSIR's R&D expertise and innovative technologies across India's upcoming industrial corridors.

✓ Supports programs like Make in India, Startup India, and Aatmanirbhar Bharat.

Q.19. Adani Ports and Special Economic Zone (APSEZ) recently became the first Indian integrated transport utility to adopt which global nature-risk framework?

A) Taskforce on Nature-related Financial Disclosures (TNFD)

B) Task Force on Climate-related Financial Disclosures (TCFD)

C) UN Sustainable Development Goals (SDGs)

D) Global Reporting Initiative (GRI)

Answer : A

✓ Adani Ports Joins TNFD network, Pledges Nature Reporting from FY26.

✓ Adani Ports and Special Economic Zone Limited (APSEZ), India's largest integrated transport utility, has joined the Taskforce on Nature-related Financial Disclosures (TNFD) as an "Adopter", pledging to begin nature-related reporting in line with global standards from Financial Year 2025-26(FY26).

✓ APSEZ becomes India's first integrated transport utility to endorse the TNFD framework.

✓ By adopting the TNFD framework, APSEZ will identify and report its nature-related dependencies, impacts, risks, and opportunities as part of its Environmental, Social and Governance(ESG) strategy.

✓ It is a global science-based initiative launched by organisations including United Nations Environment Programme Finance Initiative (UNEP FI), United Nations Development Programme (UNDP), and World Wildlife Fund (WWF) to guide companies on nature-related risks, dependencies, and opportunities.

Q.20. **The newly operationalized Mudh-Nyoma airbase, a strategically important asset for the Indian Air Force (IAF), is located in which region/Union Territory of India?**

    A) Sikkim　　　　　　　　　　**B) Arunachal Pradesh**

    C) Ladakh　　　　　　　　　　**D) Himachal Pradesh**

Answer : C

✓ **IAF chief lands C-130J, inaugurates Nyoma airbase in Ladakh.**

✓ The Chief of the Air Staff recently inaugurated the Mudh-Nyoma airbase in Ladakh by landing a C-130J special operations aircraft there.

✓ **About Mudh-Nyoma Airbase:**

✓ It is an Indian Air Force (IAF) base located in Nyoma, in southeastern Ladakh.

✓ It is located at a height of 13,700 feet and is 23 km from the contested Line of Actual Control (LAC) with China.

✓ Nyoma is the fourth IAF base in Ladakh, the highest airfield in the country, and the fifth highest in the world now.

✓ It lies close to the southern bank of the Pangong Tso and earlier had a mud-paved landing ground.

✓ The responsibility of upgrading the airbase was entrusted to the Border Roads Organisation (BRO). The work began in September 2023

✓ It underwent a ₹230 crore upgrade, which included extending the original airstrip into a 2.7 km 'rigid pavement' runway, a new ATC complex, hangars, a crash bay, and accommodation.

✓ The airfield is designed to house a number of military unmanned, rotary-wing, fixed-wing aircraft, including heavier transport planes, like the C-17 Globemaster III, and fighter jets, like the Sukhoi-30MKI

Q.21. **The Supreme Court of India recently directed the Jharkhand government to declare a portion of the Saranda forest area as a:**

A) Tiger Reserve B) Biosphere Reserve

C) Wildlife Sanctuary D) Eco-sensitive Zone

Answer : C

✓ The Supreme Court directed the Jharkhand government to declare 31,468.25 hectares of the Saranda forest area as a wildlife sanctuary, balancing biodiversity protection with sustainable iron ore mining.

✓ The court directed the government to notify the full area of the original game sanctuary, approximately 314 sq km, within three months

✓ The Saranda Forest is located in the West Singhbhum district of Jharkhand. It is known as Asia's largest Sal forest and derives its name from the local Ho language, meaning "the land of seven hundred hills

✓ Saranda is one of the world's most pristine Sal forests. It is home to critically endangered species, including the endemic sal forest tortoise, four-horned antelope, Asian palm civet, and wild elephants

Q.22. **The Institute of Chartered Accountants of India (ICAI) has signed an MoU with which organisation for real-time UDIN verification?**

A) Indian Navy B) Indian Air Force

C) Indian Army D) Ministry of Finance

Answer : C

✓ Institute of Chartered Accountants of India (ICAI) recently signed a Memorandum of Understanding (MoU) with the Indian Army for the real-time verification of Unique Document Identification Numbers (UDINs).

✓ The Institute of Chartered Accountants of India (ICAI) has signed a Memorandum of Understanding (MoU) with the Army Purchase Organisation (APO), Directorate General of Supply and Transport (DGST), Indian Army, Ministry of Defence, to enable real-time verification of Unique Document Identification Numbers (UDINs) through an Application Programming Interface (API).

✓ The Unique Document Identification Number (UDIN) from the Institute of Chartered Accountants of India (ICAI) is an 18-digit number

✓ This unique number is generated for every document certified or attested by a practicing Chartered Accountant in full-time practice and is used to curb forgery and allow for verification

Q.23. The United Kingdom has selected which location as the site for its first mini-nuclear (Small Modular Reactor) power station?

    A) Hinkley Point C

    B) Sizewell C

    C) Sellafield

    D) Wylfa

Answer : D

✓ The United Kingdom government has selected a site in North Wales for its first small modular reactor (SMR) power station, a project that will use British-developed Rolls-Royce SMR technology.

✓ The project will be located at the former Wylfa.

✓ nuclear power station site on the Isle of Anglesey and aims to connect the reactors to the national grid in the 2030s.

STATIC GK Based Current Affairs MCQs 14 November 2025

Q.1. The first Public Credit Registry (PCR) was established in which country?

    A) USA   **B) Japan**

    C) China   **D) Germany**

Answer : D

Q.2. What is the full form of ARC?

    A) Amortized Reconstruction Company

    B) Asset Reconstruction Company

    C) Amortized Revalued Company

    D) Asset Revaluation Company

Answer : B

Q.3. In which year was National Centre for Financial Education (NCFE) set up?

A) 2012

B) 2013

C) 2014

D) 2015

Answer : B

Q.4. Which of the following is not a promoter of National Centre for Financial Education (NCFE)?

A) RBI

B) SEBI

C) IRDAI

D) SIDBI

Answer : D

✓ National Centre for Financial Education (NCFE) is a Section 8 (Not for Profit) Company promoted by Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), Insurance Regulatory and Development Authority of India (IRDAI) and Pension Fund Regulatory and Development Authority (PFRDA).

Q.5. _ are networks of issuing and acquiring banks through which payment cards of certain brand are processed.

A) Card Network

B) Payment Network

C) NACH

D) SWIFT

Answer : A

Q.6. ___ is the rate charged to a merchant for payment processing services on debit / credit card transactions.

A) ADR

B) MDR

C) NDR

D) FDR

Answer : B

Q.7. Government Departments have to make ___ of their procurement from MSEs.

A) 25%

B) 10%

C) 50%

D) 75%

Answer : A

Q.8. __ is the apex body responsible for the development of the MSME sector.

A) SEBI

B) RBI

C) SIDBI

D) NABARD

Answer : C

Q.9. Which of the following is the settlement entity for TReDS?

A) SEBI

B) SIDBI

C) RBI

D) NPCI

Answer : D

Q.10. In India, MSMEs are defined based on _____ in Plant and Machinery / equipment.

A) investment

B) division

C) limitations

D) diversification

Answer : A

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MY PAID GROUP
STUDENT GOT SELECTION IN
IBPS RRB CLERK
GOOD LUCK FOR YOUR FUTURE
JOURNEY FEELING PROUD

NAME - PRIYADARSHINI
KALIYAMOORTHY
ROLL NO - 2120036944
SELECTED IN - RRB PO
SAPTHA GIRI GRAMEEN BANK
STATE - TAMILNADU

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STUDENT GOT SELECTION IN
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JOURNEY FEELING PROUD.

NAME - GARVITA VARSHNEY
ROLL NO - 2603003298
SELECTED IN - ARYAVART
GRAMIN BANK CLERK
STATE - UTTAR PRADESH

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JOURNEY FEELING PROUD

NAME - ISHITA GARG
ROLL NO - 2283004123
STATE - PUNJAB
BANK - PUNJAB GRAMIN BANK

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JOURNEY FEELING PROUD.

NAME - NIPUN
ROLL NO - 1533002831
SELECTED IN - RRB CLERK
STATE - HARYANA

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JOURNEY FEELING PROUD

NAME - PRAVEEN
ROLL NO - 1801005776
SELECTED IN - RRB PO
KARNATAKA GRAMMENA
BANK
STATE - KARNATAKA

Name: Bathina Maneesha
Rollno: 2543024278
Selected in :: RRB clerk
State : Telangana

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JOURNEY FEELING PROUD

NAME - BATHINA MANEESHA
ROLL NO - 2543024278
SELECTED IN - RRB CLERK
STATE - TELAGANA

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NAME - NISHU SHARMA
ROLL NO - 1523008901
SELECTED IN - RRB CLERK
STATE - HARYANA

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JOURNEY FEELING PROUD.

NAME - GURIYA KUMARI
ROLL NO -1373006773
SELECTED IN - RRB CLERK
DAKSHIN BIHAR GRAMEEN
BANK

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JOURNEY FEELING PROUD

NAME - GURPREET KAUR
ROLL NO - 2283002821
BANK - PUNJAB GRAMIN BANK
STATE - FROM PUNJAB

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IBPS RRB CLERK
GOOD LUCK FOR YOUR FUTURE
JOURNEY FEELING PROUD

NAME - MANU VARGHESE
ROLL NO - 2110710970
BANK - KERALA GRAMEEN
BANK CLERK