

# **GUPTA**

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# **CLASSES**

## **Current Affairs**

**August-2022**

**English**

**Part-4**



**GUPTA**

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**CLASSES**

**About the All Women Crew:**

- i. The Dornier-228 aircraft was captained by the Mission Commander, Lieutenant Commander Aanchal Sharma, who was accompanied by a team of pilots, Lieutenant Shivangi and Lieutenant Apurva Gite, Tactical and Sensor Officer Lieutenant Pooja Panda and Sub Lieutenant Pooja Shekhawat.
- ii. They are part of the Indian Naval Air Squadron (INAS)-314, based at Naval Air Enclave, Porbandar, Gujarat.

**5. Name the exercise that was recently (in Aug '22) conducted by the Indian Army to test the resilience of satellite-based communication networks.**

- 1) SkySat
- 2) LightSat
- 3) Shakti
- 4) Yudh Abhyas
- 5) Skylight

Answer- **5) Skylight**

**Explanation:**

The Indian Army performed a Pan-Indian exercise called “**Skylight**” to test and evaluate its entire satellite-based communication network to ensure operational readiness in the wake of a future conflict. The exercise took place from July 25 – 29, 2022.

- i. The exercise covered India’s eastern, northern, and island territories.
- ii. The exercise was attended by Indian Space Research Organisation (ISRO) and various agencies responsible for space and ground segments.

**6. Which organisation recently (in Aug '22) signed an MoU with the Army Design Bureau (ADB) to launch the “Him Drone-a-thon” programme for developing high-impact drones for Indian soldiers?**

- 1) Drone Federation of India
- 2) Zen Technologies Ltd
- 3) Solar Industries India Ltd
- 4) Info Edge (India) Ltd
- 5) Hindustan Aeronautics Ltd

Answer- **1) Drone Federation of India**

**Explanation:**

The Army Design Bureau (**ADB**) and the Drone Federation of India (**DFI**) have signed an MoU to develop high-impact drones for Indian soldiers.

- According to the MoU, DFI and ADB will work together on the roadmap planning, research, testing, manufacturing, and adoption of drones, counter-drones, and related technologies that the Indian Army will use in its operations.
- i. In accordance with Atmanirbharta in the field of defence manufacture, the Indian Army and DFI launched the “Him Drone-a-thon” programme on August 08, 2022.
  - ii. The ‘Him Drone-a-thon’ programme is a Pan-India collaboration amongst all stakeholders, including industry, academia, software developers, and drone product manufacturers.

**7. Which country recently (in Aug '22) commenced the 13th edition of the 'Ex Vajra Prahar 2022' along with India in Bakloh, Himachal Pradesh (HP)?**

- 1) Bangladesh
- 2) Thailand
- 3) United States
- 4) Russia
- 5) France

**Answer- 3) United States**

**Explanation:**

The **13th** edition of the India-United States (**US**) Joint Special Forces exercise '**Ex Vajra Prahar 2022**' was initiated at the Special Forces Training School (SFTS) in Bakloh, Himachal Pradesh (**HP**).

**i.** Aim: To improve interoperability between the special forces of both the countries and also to improve bilateral defence cooperation between India and the US.

**Representors:**

- IA: It is formed by drawing Special Forces personnel under the aegis of SFTS.
- US: It is represented by personnel from the 1st Special Forces Group (SFG) and Special Tactics Squadron (STS) of the US Special Forces.

**8. In which city will the '12th DefExpo-2022' be held in India from October 18th to 22nd, 2022?**

- 1) Gandhinagar, Gujarat
- 2) Haldia, West Bengal
- 3) Chandipur, Odisha
- 4) Mumbai, Maharashtra
- 5) Chennai, Tamil Nadu

**Answer- 1) Gandhinagar, Gujarat**

**Explanation:**

**DefExpo 2022**, The **12th** edition of India's prestigious biennial defence exhibition on Land, Naval and Homeland Security System, is set to be held in **Gandhinagar, Gujarat** between 18th and 22nd October 2022.

**i.** DefExpo 2022 which was earlier proposed to be held in March 2022 in Gandhinagar was postponed due to problems related to logistics.

**ii.** The expo will be held in a 3 venue format across, Helipad Exhibition Centre in Gandhinagar, Gujarat; inaugural event & Seminars at Mahatma Mandir Convention and Exhibition Centre and Live Demo at Sabarmati RiverFront.

**9. Which country recently (in Aug '22) conducted the 1st bilateral military exercise 'Udarashakti' along with India?**

- 1) Bangladesh
- 2) Malaysia
- 3) Singapore
- 4) France
- 5) Sri Lanka

**Answer- 2) Malaysia**

**Explanation:**

**India & Malaysia** concluded the four-day military exercise '**Udarashakti**', which was between the Indian Air Force (**IAF**) and the host country Royal Malaysian Air Force (**RMAF**). The exercise began on 16th August 2022 at the RMAF Air Base Kuantan, Malaysia.

- i. This is the **first** bilateral exercise being conducted between the Indian Air Force (IAF) and Royal Malaysian Air Force (RMAF).
- ii. Both the Air forces flew seven aircraft in formation during the ceremony.
- iii. The Su-30 MKI and C-17 aircrafts from the IAF and Su-30 MKM aircraft from the Malaysian force participated in the air exercise.

**10. Which of the following points are 'Incorrect' with respect to the equipment/systems that was handed over to the Indian Army by the union minister of Defence Rajnath Singh?**

**A) Future Infantry Soldier as a System (F-INSAS) is equipped with three primary subsystems. It can also be enhanced further by integrating real-time data connectivity.**

**B) Anti-Personnel mine 'Nipun' will improve the protection given to troops on the border which was more powerful and effective than existing anti-personnel mines.**

**C) Semi Ruggedised Automatic Exchange System Mk-II developed by DRDO under the MoD, in Sriharikota, Andhra Pradesh, will address all the shortcomings in the old system.**

- 1) Only A
- 2) Only B
- 3) Only C
- 4) Only A & B
- 5) Only B & C

Answer- **3) Only C**

**Explanation:**

Union Minister Rajnath Singh, Minister of Defence (MoD), has handed over indigenously developed equipment and systems to the Indian Army in New Delhi, Delhi.

- The equipment/systems have been jointly developed by the Indian Army, Defence Public Sector Undertakings (DPSUs), Defence Research & Development Organization (**DRDO**), and industry with a vision to modernize the Armed Forces under the "AatmaNirbhar Bharat Abhiyan."
- Future Infantry Soldier as a System (**F-INSAS**) is equipped with three primary subsystems. It can also be enhanced further by integrating real-time data connectivity.
- Anti-Personnel mine '**Nipun**' will improve the protection given to troops on the border. It is more powerful and effective than existing anti-personnel mines.
- Semi Ruggedised Automatic Exchange System Mk-II developed by Bharat Electronics Limited (**BEL**), a Public Sector Undertaking (PSU) under the MoD, in **Kotdwar, Uttarakhand**, will address all the shortcomings in the old system.

**11. To which country did India recently (in August '22) hand over the Dornier Maritime Surveillance Aircraft (Dornier 228)?**

- 1) Japan
- 2) Sri Lanka
- 3) Australia
- 4) Russia

5) France

Answer- **2) Sri Lanka**

**Explanation:**

**India** presented a Dornier Maritime Surveillance Aircraft (**Dornier 228**) to the **Sri Lanka** Navy in the presence of Ranil Wickremesinghe, President of Sri Lanka, during a special ceremony conducted at the Sri Lanka Airforce base in Katunayake, Sri Lanka.

**i.** The Dornier was presented as a response to Sri Lanka's request for two Dornier reconnaissance aircraft from India in 2018 to boost its maritime surveillance capabilities.

**ii.** The gifting of a Dornier aircraft will emphasize the defence and security cooperation between India and Sri Lanka.

**12. At which Indian Naval Ship (INS), India's first Composite Indoor Shooting Range (CISR) was launched by Vice Admiral Biswajit Dasgupta in August 2022?**

1) INS Vikramaditya

2) INS Virbahu

3) INS Karna

4) INS Dega

5) INS Kalinga

Answer- **3) INS Karna**

**Explanation:**

**India's first** Composite Indoor Shooting Range (**CISR**) was launched by Vice Admiral **Biswajit Dasgupta**, a serving Flag Officer Commanding-in-Chief, Eastern Naval Command (ENC), at Indian Naval Ship (**INS**) **Karna** on the Eastern Seaboard, near Bheemili, Visakhapatnam, Andhra Pradesh(AP).

**i.** The Competent Authority in the Ministry of Home Affairs (MHA) has been accepted and approved by the CISR.

**ii.** The first in the Navy and the only Military unit in the country to set up CISR is INS Karna.

**13. With which fighter jets did the Indian Air Force (IAF) contingent recently (in Aug '22) participate in Pitch Black 2022 Exercise in Darwin, Australia?**

1) F-22 Raptor

2) Sukhoi-30 MKI

3) Dassault Mirage 2000

4) Mikoyan MiG-29

5) HAL Tejas

Answer- **2) Sukhoi-30 MKI**

**Explanation:**

An Indian Air Force (IAF) contingent of over 100 air warriors has arrived in Australia to participate in **Exercise Pitch Black 2022**, with **4 Sukhoi-30 MKI (Su-30 MKI) fighters** and **2 C-17 Globemaster-III aircraft**.

**i.** Pitch Black 2022 is scheduled to take place in Darwin, Australia, from August 19 to September 8, 2022.

**ii.** Pitch Black is a biennial three-week multi-national exercise hosted by the Royal Australian Air Force (RAAF).

**14. In August 2022, Indian Navy Ships(INS) (warships) on Sail to 6 Continents to Celebrate 75 years of Independence.**

**Which of the following INS and Continent are 'wrongly' matched:?**

- 1) INS Saryu- Asia Continent
- 2) INS Tabar (F44)- Africa Continent
- 3) INS Tarkash- South America Continent
- 4) INS Satpura- North America Continent
- 5) INS Sumedha- Europe Continent

**Answer- 5) INS Sumedha- Europe Continent**

**Explanation:**

In a first-of-its-kind effort, the Indian Navy Ships(INS) (warships) set sail to **6 continents** – North America, South America, Europe, Africa, Asia, and Australia – as a part of the celebration of 75 years of Independence of India Patrol vessels.

- INS **Sumedha** docked at Perth in **Australia**.
- INS Saryu entered the Changi Naval Base in Singapore, Asia Continents.
- Talwar-class frigate INS Tabar (F44) arrived at Mombasa, Kenya, Africa Continents.
- INS Tarkash docked at Rio De Janeiro in Brazil and this is first deployment of an Indian Naval Ship to South America Continents in over 20 years.
- INS Satpura docked at San Diego Harbor, the USA, North America Continents
- The Made-in-India naval ship **INS Tarangini**, docked at Thames Quay in east London, UK in **Europe Continents**.

**15. Which of the following organizations jointly flight tested Vertical Launch Short Range Surface-to-Air Missile (VL-SRSAM) from Chandipur off the coast of Odisha in August 2022?**

- 1) Defence Research & Development Organisation
- 2) Indian Navy
- 3) Hindustan Aeronautics Limited
- 4) Both 1 & 2
- 5) Both 2 & 3

**Answer- 4) Both 1 & 2**

**Explanation:**

The Defence Research & Development Organisation (**DRDO**) & **Indian Navy** successfully flight tested Vertical Launch Short Range Surface-to-Air Missile (**VL-SRSAM**) from the Integrated Test Range (**ITR**), **Chandipur** off the coast of **Odisha**.

- i.** The test was carried out from an Indian Naval Ship (**INS**) against a high-speed unmanned aerial target.
- ii.** The missiles, equipped with indigenous Radio Frequency (**RF**) seeker, intercepted the target with high accuracy.
- iii.** VL-SRSAM is based on **Astra Mark 1** air-to-air missile and it has been designed to strike high-speed airborne targets at the range of **40 to 50 km** and at an altitude of around 15 km.

**16. Which of the following DRDO projects was recently (in Aug '22) approved by the Ministry of Defence for the Pinaka weapon system for the Indian Army?**

- 1) Infantry Combat Vehicle
- 2) AerialDenial Munition Type I

3) Guided Extended Range Rocket Ammunition

4) Both 1 & 3

5) All 1, 2 & 3

Answer- **5) All 1, 2 & 3**

**Explanation:**

The Ministry of Defence (MoD) has approved the **three** Defence Research and Development Organisation (DRDO) projects – Guided Extended Range Rocket Ammunition, Aerial Denial Munition Type I and Infantry Combat Vehicle – Command for Pinaka rocket launchers

**i.** These projects would enhance the firepower of the Indian Army.

**ii.** These 3 products were designed and developed by DRDO and the total value of these 3 proposals is Rs 8599 crore.

**17. In which city the 10th National Maritime Search and Rescue Exercise (SAREX) 2022 was conducted by Indian Coast Guard (ICG) in August 2022?**

1) Mumbai, Maharashtra

2) Junagadh, Gujarat

3) Visakhapatnam, Andhra Pradesh

4) Chandipur, Odisha

5) Chennai, Tamil Nadu

Answer- **5) Chennai, Tamil Nadu**

**Explanation:**

The **10th** National Maritime Search and Rescue Exercise (**SAREX**) **2022** was conducted by Indian Coast Guard (**ICG**), for 2 days and inaugurated by Defence Secretary Ajay Kumar, in **Chennai, Tamil Nadu**.

**i.** 52 participants have joined the exercise from the ICG, the Navy, and the State police, and 24 foreign observers from 16 countries (Australia, Maldives, Thailand, Indonesia, and China).

**ii.** It is the biennial exercise conducted with the theme “Capacity Building Towards Marine Passenger Safety” and denotes the resolve and commitment of the National Maritime Search and Rescue Board (NMSARB).

## **SCIENCE AND TECHNOLOGY**

**1. Which company/Organisation recently (in July'22) delivered the indigenously developed combat vehicles named Quick Reaction Fighting Vehicle-Medium (QRFV) to the Indian Army to boost border surveillance?**

1) Bharat Electronics Ltd

2) Hindustan Aeronautics Ltd

3) Boeing India Pvt Ltd

4) Tata Advanced Systems Ltd

5) BrahMos Aerospace

Answer- **4) Tata Advanced Systems Ltd**

**Explanation:**

Tata Advanced Systems Limited (**TASL**), Tata group's Aerospace and Defence Arm has successfully delivered the indigenously developed combat vehicles Quick Reaction Fighting Vehicle-Medium (**QRFV**) to the Indian Army to boost border surveillance.

- i. TASL became India's first private sector company to produce and deliver wheeled armoured combat-ready vehicles for the Indian armed forces.
- ii. This system will enhance the operational capabilities of the Indian Army in future conflicts and during war.

**About QRFV:**

- QRFV offers a Standardised Agreement (STANAG) level 4 protection against up to 14kg and 21kg of explosives.
- The vehicle is fitted with run-flat tires with turbo diesel engines which can carry up to 14 people, including the commander and driver (approx 2 tons of weight).

**2. To which planet did NASA launch 'two more mini helicopters' to recover Martian rocks and soil samples to bring them to Earth?**

- 1) Saturn
- 2) Mercury
- 3) Venus
- 4) Mars
- 5) Jupiter

Answer- **4) Mars**

**Explanation:**

The National Aeronautics and Space Administration (**NASA**) is launching 2 more mini helicopters to **Mars** as a part of its effort to recover Martian rocks and soil samples and bring them to Earth.

- i. Under NASA's plan announced on 29th July 2022, NASA's Perseverance rover will do double duty and transport the cache to the rocket that will launch them off Mars after a decade.
- ii. The helicopters are modelled after NASA's Ingenuity which has made 29 flights since arriving with Perseverance at Mars in 2021.
- iii. The new versions of the chopper (weighing just 4 pounds (1.8 kilograms)) would have wheels and grappling arms.

**3. From which Main Battle Tank (MBT), the DRDO & Indian Army jointly test-fired the indigenously developed Laser-Guided Anti-Tank Guided Missiles (ATGM) in August 2022?**

- 1) MBT Abrams Mark 3A
- 2) MBT Ajeya Mark 1A
- 3) MBT Karna Mark 3A
- 4) MBT Arjun Mark 1A
- 5) MBT Vijayanta Mark 2A

Answer- **4) MBT Arjun Mark 1A**

**Explanation:**

Defence Research and Development Organisation (**DRDO**) and the **Indian Army** successfully test fired indigenously developed Laser-Guided Anti-Tank Guided Missiles (ATGM) from Main Battle Tank (**MBT**) **Arjun Mark 1A** at KK Ranges in Ahmednagar, Maharashtra, with support of Armoured Corps Centre & School (ACC&S).



- i. The ATGM employs a tandem High Explosive Anti-Tank (HEAT) warhead to defeat Explosive Reactive Armour (ERA) protected armoured vehicles.
- ii. It has been developed with multi-platform launch capability and is currently undergoing technical evaluation trials from the 120 mm rifled gun of MBT Arjun.

**4. Name the country that recently (in Aug '22) launched the first-ever lunar mission named 'Danuri' by the SpaceX Falcon-9 rocket from Cape Canaveral Space Force Station in Cape Canaveral.**

- 1) Luxembourg
- 2) United Arab Emirates
- 3) South Korea
- 4) Indonesia
- 5) Japan

**Answer- 3) South Korea**

**Explanation:**

**South Korea's** first-ever lunar mission, The Korea Pathfinder Lunar Orbiter(KPLO) (nicknamed Danuri), was launched onboard a **SpaceX Falcon-9** from launch complex 40 at the Cape Canaveral Space Force Station in Cape Canaveral.

- i. Danuri is a portmanteau of Korean words "Moon" and "Enjoy" which translates to "enjoying the moon".
- ii. This lunar mission has been jointly developed by the National Aeronautics and Space Administration (NASA) and the Korea Aerospace Research Institute (KARI).
- iii. If this mission succeeds, South Korea will become the seventh country in the world to have launched an unmanned probe to the Moon.
- iv. So far, 8 countries have launched the moon mission which includes the Soviet Union, the United States, Japan, China, India, Luxembourg (launched on China's Long March 3C rocket(failed)) and South Korea.

**5. Which country recently (in Aug '22) launched a Terrestrial Ecosystem Carbon Monitoring Satellite (TECIS 1) on a Long March-4B rocket?**

- 1) India
- 2) United states of America
- 3) China
- 4) Japan
- 5) Russia

**Answer- 3) China**

**Explanation:**

China successfully launched a Terrestrial Ecosystem Carbon Monitoring Satellite as well as two other satellites from the Taiyuan Satellite Launch Center in Shanxi Province, North China. This was China's 28th launch of the year 2022.

- i. The main payload was the Terrestrial Ecosystem Carbon Inventory Satellite (TECIS 1).
- ii. The two secondary payloads were the HEAD 2G and Minhang Youth Satellite.
- iii. All the satellites were successfully launched by a Long March-4B carrier rocket into their intended orbit. The Long March 4B was provided by the Shanghai Academy of Spaceflight Technology (SAST).

**6. Russia will withdraw from the International Space Station after \_\_\_\_\_ and focus on building its own orbit.**

- 1) 2024
- 2) 2027
- 3) 2025
- 4) 2028
- 5) 2026

Answer- **1) 2024**

**Explanation:**

**Russia** will pull out of the **International Space Station** after **2024** and focus on building its own orbiting outpost amid high tensions between Moscow and the West over the fighting in Ukraine.

**i.** NASA and other international partners will keep the space station running until 2030, while the Russians have been reluctant to make commitments beyond 2024.

**ii.** The space station is jointly run by the space agencies of Russia, the U.S., Europe, Japan and Canada. The first piece was put in orbit in 1998, and the outpost has been continuously inhabited for nearly 22 years.

**Note-** In July 2022, **Yuri Borisov** was appointed to lead the state space agency, Roscosmos, by Russia President Vladimir Putin.

**7. In August 2022, the ISRO launched its first 34-metre tall Small Satellite Launch Vehicle (SSLV) to place an Earth Observation Satellite (EOS-02) and students satellite AzaadiSAT. SSLVD1 failed to reach the intended \_\_\_\_\_ circular orbit and was placed into 356 km x 76 km elliptical orbit.**

- 1) 350 km
- 2) 356 km
- 3) 389 km
- 4) 349 km
- 5) 250 km

Answer- **2) 356 km**

**Explanation:**

**ISRO** launched its first 34 metre tall Small Satellite Launch Vehicle (SSLV) to place an Earth Observation Satellite (**EOS-02**) and students satellite AzaadiSAT. It was launched from Satish Dhawan Space Centre (SDSC), Sriharikota, Andhra Pradesh (AP). The maiden launching mission of SSLV was called as **SSLVD1/EOS-02 mission**

**i.** SSLV was developed by ISRO to cater the launch of up to 500 kg satellites to Low Earth Orbits on launch-on-demand basis. The maiden launching mission of SSLV was called as SSLVD1/EOS-02 mission.

**ii.** Although the first attempt at SSLV was successful, it failed to reach the intended orbit. SSLV-D1 placed the satellites into 356 km x 76 km elliptical orbit instead of planned 356 km circular orbit. So satellites are no longer usable. SSLVD2 mission will be implemented by ISRO to overcome the failure.

**iii.** The 76 kms elliptical orbit was the lower most point and closer to the surface of the earth. The satellites placed in such an orbit will not stay for longtime due to the atmosphere and will come down.

**8. Which of the following organisations recently (in Aug '22) launched a National Carbon Finance Platform for 1 Million Smallholder Farmers?**

- 1) CropIn
- 2) Intellecap
- 3) Transform Rural India Foundation
- 4) Both 1 & 2
- 5) Both 2 & 3

Answer- **5) Both 2 & 3**

**Explanation:**

A National Carbon Finance Platform has been launched by **Intellecap** and the Transform Rural India Foundation (**TRIF**), which will encourage Indian smallholder farmers in harnessing climate/carbon finance for sustainable agroforestry and climate smart agriculture.

**i. Significance:** More than 1 million smallholder farmers will be included in the platform and will receive support and training for agroforestry and climate-smart agriculture activities that can result in carbon sequestration and mitigation.

- Intellecap is the advisory arm of The Aavishkaar Group, which aims to establish enterprises that help underserved segments in Asia and Africa.
- TRIF is a multi-stakeholder platform led by civil society that aims to promote multi-thematic development in most impoverished areas of rural India.

**9. Which country's high resolution, remote sensing satellite, Khayyam, was recently (in Aug '22) launched by Russia through a Soyuz-2.1b rocket from Kazakhstan?**

- 1) United Arab Emirates
- 2) Israel
- 3) Pakistan
- 4) Iran
- 5) Afghanistan

Answer- **4) Iran**

**Explanation:**

**Russia** launched a **Soyuz-2.1b rocket** carrying **Iran's** high resolution, remote sensing **Khayyam** satellite from the Russia-controlled Baikonur cosmodrome in **Kazakhstan**.

**i.** The satellite was named after Omar Khayyam, a Persian scientist who lived in the 11th and 12th centuries.

**ii.** The Iranian satellite is fitted with a high-resolution camera which will be used for non-military and environmental monitoring with complete control.

**About Russia:**

**President** – Vladimir Putin

**Capital** – Moscow

**Currency** – Rouble

**10. Indian Space Research Organisation (ISRO) recently (in Aug' 22) test-fired the Low Altitude Escape Motor (LEM) of the Crew Escape System (CES) of \_\_\_\_\_ project from Sriharikota, Andhra Pradesh(AP).**

- 1) Shukrayaan
- 2) Aditya-1

- 3) Gaganyaan
- 4) Chandrayaan-3
- 5) Mangalyaan

Answer- **3) Gaganyaan**

**Explanation:**

Indian Space Research Organisation (**ISRO**) successfully carried out the test-firing of the Low Altitude Escape Motor (**LEM**) of the Crew Escape System (CES) of the **Gaganyaan** project from Sriharikota, Andhra Pradesh(AP).

- i. If the mission is aborted during the initial phase flight, LEM will provide the required thrust to CES, to take away the Crew Module from the launch vehicle.
- ii. The LEM is a distinctive special purpose solid rocket motor with four reverse flow nozzles and generates a maximum sea level thrust of 842 kN (nominal) with a burn time of 5.98 seconds (nominal).

**11. Which country recently (in Aug '22) launched 16 new satellites into space for commercial remote sensing and atmospheric imaging?**

- 1) Russia
- 2) China
- 3) South Korea
- 4) United States of America
- 5) Japan

Answer- **2) China**

**Explanation:**

**China** launched **16 new satellites** into space from the Taiyuan Satellite Launch Centre in Shanxi province, China for commercial remote sensing and atmospheric imaging.

- i. The 16 satellites including Jilin 1 Gaofen 03D09 satellite and Yunyao 1 04-08 were launched by a Long March 6 Y10 carrier rocket. The launch is marked as the 432nd mission for the Long March series carrier rockets.
- ii. Onboard were ten Jilin 1 high-resolution optical imaging satellites for Chang Guang Satellite Technology (CGST), a commercial satellite manufacturer and operator based in northeast China and a spinoff from the state-owned Chinese Academy of Sciences.

**12. In August 2022, Rajiv Gandhi Cancer Institute and Research Centre (RGCIRC) gets its 1st ever 'Made In India' Surgical Robotic System' named SSI- MANTRA.**

**The RGCIRC is located in which state/UT?**

- 1) Ahmedabad, Gujarat
- 2) Chennai, Tamil Nadu
- 3) Noida, Uttar Pradesh
- 4) Jammu, Jammu & Kashmir
- 5) New Delhi, Delhi

Answer- **5) New Delhi, Delhi**

**Explanation:**

Rajiv Gandhi Cancer Institute and Research Centre (**RGCIRC**) in **New Delhi, Delhi** have installed the first-ever "Made in India" Surgical Robotic System, **SSI-MANTRA**, which was invented by the new-age

Indian Med-Tech start-up SS innovation Private Limited- World renowned medical and engineering leadership team.

i. SSI-MANTRA is an acronym for Multi Arm Novel Tele Robotic Assistance and the company making it is, SS Innovations. 'SS' is Dr Sudhir Srivastava, India-born cardiac surgeon.

ii. The SSI MANTRA surgical robot, brainchild of cardiac surgeon Dr. Sudhir Srivastava, was developed in Atal Incubation Centre.

**13. Which ministry recently (in Aug '22) launched an Automated Online Data Transfer for Capturing Critical Data of Auto Production Linked Incentive (PLI) Applicants?**

1) Ministry of Commerce and Industry

2) Ministry of Heavy Industries

3) Ministry of Finance

4) Ministry of Science and Technology

5) Ministry of MSME

**Answer- 2) Ministry of Heavy Industries**

**Explanation:**

The **Ministry of Heavy Industries** (MHI) launched automated online data transfer for capturing critical data related to domestic value addition in the Production Linked Incentive (PLI) scheme for the auto sector.

i. The new system will capture data from PLI applicant's ERP (Enterprise Resource Planning) system to PLI auto portal.

ii. All approved applicants of the PLI Scheme have their own IT (Information technology)-enabled ERP system. It is a type of software that organizations use to manage business activities.

**14. Name the India's first saline water lantern that was recently (in Aug '22) launched by Jitendra Singh Minister of State of Earth Science (MoES).**

1) Tejas

2) Veera

3) Vikram

4) Roshni

5) Helina

**Answer- 4) Roshni**

**Explanation:**

Dr. Jitendra Singh, Minister of State (Independent Charge), Ministry of Earth Science (MoES), has introduced "**Roshni**", India's first saline water lantern that uses seawater as an electrolyte between specially designed electrodes to power LED (Light Emitting Diode) lamps.

i. Roshni Saline lantern would provide "ease of living" to the poor and needy, notably the fishing community living along India's 7,500km long coastline, which is home to 9 coastal states and 1,382 islands.

ii. Jitendra Singh also reviewed the progress of NIOT's Low Temperature Thermal Desalination (LTTD) technology for conversion of sea water to potable water (drinking water), which was successfully demonstrated in the UT of Lakshadweep.

**15. Name the institute that recently (in Aug '22) developed India's first 3D-printed artificial cornea along with LV Prasad Eye Institute (LVPEI) and the Centre for Cellular and Molecular Biology (CCMB).**

- 1) IIT Kharagpur
- 2) IIT Kanpur
- 3) IIT Hyderabad
- 4) IIT Madras
- 5) IIT Delhi

**Answer- 3) IIT Hyderabad**

**Explanation:**

A team of clinicians and scientists from the LV Prasad Eye Institute (**LVPEI**), Hyderabad-Telangana, Indian Institute of Technology (**IIT**) **Hyderabad**, and Centre for Cellular and Molecular Biology (**CCMB**), has developed **India's first 3D-printed artificial cornea** and transplanted it into a rabbit's eye.

- i.** This development in animal models provided hope to those who lost vision due to corneal damage.
- ii.** Dr Sayan Basu and Dr Vivek Singh, lead researchers from L V Prasad Eye Institute.
- iii.** The researchers used decellularized corneal tissue matrix and stem cells derived from the human eye to develop a unique biomimetic hydrogel (patent pending) that was used as the background material for the 3D-printed cornea.

**16. Name the platform that was launched by the Office of the Principal Scientific Adviser (PSA) to empower all spheres of science and technology within India and is powered by NSEIT.**

- 1) eVidhya
- 2) e- Kuber
- 3) Manthan Platform
- 4) Saarthi
- 5) Digital Prayaas

**Answer- 3) Manthan Platform**

**Explanation:**

The Office of the Principal Scientific Adviser (**PSA**) to the Government of India (**GoI**) launched a **Manthan Platform** which will enable and empower all spheres of science and technology within India. This launch commemorates India's 75 years of independence- Azadi ka Amrit Mahotsav.

- i.** The platform is powered by **NSEIT** and led by the Office of PSA.
- ii.** The Manthan platform aims to promote collaboration at scale between industry and the scientific Research and Development (R&D) ecosystem to help meet India's sustainability goals in alignment with the United Nations (UN) defined Sustainable Development Goals (SDG) charter.

**17. NIDAAN, India's first portal on arrested drug offenders, recently (in Aug '22) became operational to enforce anti-drug laws in India.**

**In NIDAAN, what does 'D' stand for?**

- 1) Device
- 2) Default
- 3) Decentralized
- 4) Department
- 5) Database

### Answer- 5) Database

#### Explanation:

The first-of-its-kind database named- National Integrated **Database** on Arrested Narco offenders (**NIDAAN**) was made operational for the use by various central and State prosecution agencies tasked to enforce anti-drugs laws in India.

i. It is part of the Narcotics Coordination Mechanism (**NCORD**) portal, launched by Union Home Minister Amit Shah on 30th July 2022 in Chandigarh during the national conference on 'Drug trafficking and national security'.

ii. The portal was developed by the Narcotics Control Bureau (**NCB**).

iii. The NIDAAN platform sources its data from the Inter-operable Criminal Justice System (ICJS) and the e-Prisons (a cloud-based application) repository.

### 18. Which country recently (in Aug '22) developed the world's 1st 'synthetic embryo' (without sperm) outside the womb using stem cells cultured in a petri dish?

- 1) India
- 2) Israel
- 3) United States of America
- 4) Australia
- 5) United Kingdom

### Answer- 2) Israel

#### Explanation:

The team of scientists of **Israel** developed the **world's first synthetic embryo outside** the womb using stem cells cultured in a petri dish.

i. The cells of the synthetic embryo were cultured without the use of fertilized eggs, **bypassing the need for sperm.**

ii. The study was published in the journal Cell and the team was headed by Prof. Jacob Hanna of the Molecular Genetics Department, Weizmann Institute in Israel.

### 19. Which of the following companies was recently (in Aug '22) finalized the trials of India's first new intranasal vaccine 'BBV154' for COVID-19?

- 1) SIRO Clinpharm
- 2) Bharat Biotech International Limited
- 3) Serum Institute of India
- 4) Biocon Limited
- 5) Panacea Biotec Limited

### Answer- 2) Bharat Biotech International Limited

#### Explanation:

India's first Adenoviral Intranasal Covid Vaccine **BBV154** has proven to be safe by Bharat Biotech International Limited (**BBIL**) for **COVID-19**. It had completed clinical development for phase III trials.

i. Preliminary dose and a mix-and-match booster was tested by the Intranasal vaccine on licensed Covid vaccines.

**Note** – BA.5 is one of the latest sub variants of the original Omicron lineage.

**20. Which airline became the first airline in India to use AI-powered CAE Rise™ Training System?**

- 1) SpiceJet
- 2) IndiGo
- 3) AirAsia India
- 4) Go First
- 5) Vistara

**Answer- 3) AirAsia India**

**Explanation:**

AirAsia India (**AAI**) and Canadian Aviation Electronics Limited (**CAE**) announced their collaboration to merge the CAE Rise™ training system with the airline's simulator training program.

- i. AirAsia India** is the **first airline in India** to adopt a data-driven training program using CAE Rise™.
- ii.** The training system provides the real-time data during training sessions which enable them to assess a pilot's technical performances with the given insights.

**21. 13. Which company recently (in Aug '22) produced the first-ever indigenously 30mm gun ammunition, used in AK-630 Gun, that was received by the Indian Navy?**

- 1) Hindustan Aeronautics Limited
- 2) Rifle Factory Ishapore
- 3) Indian Ordnance Factories
- 4) Economic Explosives Limited
- 5) Bharat Electronics Limited

**Answer- 4) Economic Explosives Limited**

**Explanation:**

**Indian Navy** received the first-ever indigenously produced 30mm gun ammunition that will be used in **AK-630 guns**, which is fitted on warships.

- i.** It was produced by the M/s Economic Explosives Limited (**EEL**), (Nagpur, Maharashtra), a subsidiary of Solar Industries India Ltd.
- ii.** This is the first time that Indian Navy had placed an order on the Indian private industry to deliver complete gun ammunition which was completed in a record time of 12 months with propellant sources from the Bhandara Ordnance Factory in Nagpur.

## **SPORTS**

**1. Who recently (in July '22) won the Hungarian Formula One (F1) Grand Prix 2022?**

- 1) Max Verstappen
- 2) Lewis Hamilton
- 3) Carlos Sainz
- 4) Sergio Pérez
- 5) George Russell

**Answer- 1) Max Verstappen**

**Explanation:**

The world championship leader **Max Verstappen** (team Red Bull) won the **Hungarian** Formula one (**F1**) **Grand Prix 2022**. This is Max Verstappen's 8th Grand Prix win of the year 2022.



- i. The 2022 Hungarian Grand Prix (officially known as the Formula 1 Aramco Magyar Nagydíj 2022) was a Formula One motor race held on 31 July 2022 at the Hungaroring in Mogyoród, Hungary over a distance of 70 laps.
- ii. The race was the 37th Hungarian Grand Prix to be held as part of the Formula One World Championship.
- iii. Seven-time world champion Lewis Hamilton (team Mercedes) finished second in the race.

**2. The \_\_\_\_\_ driver Sebastian Vettel recently (in Aug '22) announced his retirement from Formula 1 after the end of the 2022 season.**

- 1) Spanish
- 2) British
- 3) Mexican
- 4) German
- 5) Belgian-Dutch

Answer- **4) German**

**Explanation:**

**Sebastian Vettel** announced his retirement from **Formula 1** after the end of the 2022 season. Sebastian Vettel is a **German racing driver** who competes in F1 for team Aston Martin. He had previously driven for BMW Sauber, Toro Rosso, Red Bull, and Ferrari.

- i. His Last F1 victory was the Singapore Grand Prix in 2019. He became the youngest to win an F1 race in 2007 at the Italian Grand Prix.
- ii. Sebastian Vettel won four consecutive F1 world titles with Red Bull between 2010 and 2013.
- iii. He also has the third-most race victories (53) and podium finishes (122), and fourth-most pole positions (57).

**3. Which country recently (in July '22) won the 13th edition of the Union of European Football Associations (UEFA)'s European Women's Football Championship 2022 for the 1st time?**

- 1) England
- 2) Denmark
- 3) Germany.
- 4) Italy
- 5) Norway

Answer- **1) England**

**Explanation:**

**England** won the 2022 Union of European Football Associations (**UEFA**)'s European Women's Football Championship for the **first time** after extra-time in the 2-1 Euro 2022 Final by defeating Germany.

- i. The tournament was held at Wembley Stadium in London, United Kingdom. This is the 13th edition of the UEFA Women's Championship.
- ii. England coach Sarina Wiegman became the first manager to win the Euros with two different nations, having led her native Netherlands to the title in 2017.

**4. Which of the following points is 'Incorrect' with respect to the ISSF World Cup Rifle/Pistol/Shotgun 2022 held in Changwon, South Korea in July 2022?**

**A) India won 15 medals, (5 gold, 6 silver and 4 bronze medals) and South Korea tops the medals list with 19 medals in ISSF World Cup Changwon 2022.**

**B) The two-time Olympian Mairaj Ahmad Khan becomes the 1st Indian shooter to win the gold medal in the men's skeet event at the ISSF World Cup.**

**C) Mehuli Ghosh & Shahu Tushar Mane, the shooting duo bagged India's 2nd gold medal for India in the 10m Air Rifle Mixed Team & this is Shahu Tushar Mane's first gold for India at the senior level.**

- 1) Only A
- 2) Only B
- 3) Only C
- 4) Only A & B
- 5) Only B & C

**Answer- 1) Only A**

**Explanation:**

India won **15 medals**, (5 gold, 6 silver and 4 bronze medals) and topped the medals list in International Shooting Sport Federation (**ISSF World Cup Changwon 2022** Rifle/ Pistol/ Shotgun held at South Korea from 9th July 2022 – 21st July 2022.

- South Korea grabbed 12 medals (4 golds, 5 silver and 3 bronze medals) and secured 2nd Rank followed by Czech Republic.

**i.** The two-time Olympian Mairaj Ahmad Khan becomes the 1st Indian shooter to win the gold medal in the men's skeet event at the ISSF World Cup in Changwon, South Korea.

**ii.** Mehuli Ghosh and Shahu Tushar Mane, the shooting duo bagged India's 2nd gold medal for India in the 10m Air Rifle Mixed Team final. This is Shahu Tushar Mane first gold for India at the senior level while Mehuli Ghosh won her 2nd gold medal, having won her first at the 2019 South Asian Games in Kathmandu, Nepal.

**5. Which country will host the 2025 ICC Women's One Day International (ODI) World Cup?**

- 1) Sri Lanka
- 2) England
- 3) India
- 4) Bangladesh
- 5) Australia

**Answer- 3) India**

**Explanation:**

The International Cricket Council (**ICC**) announced **India** will host the **2025 ICC Women's One Day International (ODI) World Cup**.

**i.** Reportedly India, Bangladesh, England and Sri Lanka were named as the four hosts for ICC women's white-ball events from 2024-27.

**ii.** The 2025 Women's ODI World Cup (31 matches with 8 teams) will be hosted by India and Sri Lanka will host the inaugural 2027 Women's T20 Champions Trophy (16 matches with 6 teams).

**iii.** Bangladesh will host the 2024 Women's T20 World Cup (23 Matches with 10 Teams). The 2026 edition of the ICC T20 World Cup (33 Matches with 12 Teams) will be held in England.

**6. Who recently (in Aug '22) won the Swiss Open Tennis Tournament 2022 held at the Roy Emerson Arena in Gstaad, Switzerland?**

- 1) Casper Ruud (Norway)
- 2) Daniil Medvedev (Russia)
- 3) Matteo Berrettini (Italy)
- 4) Holger Rune (Denmark)
- 5) Carlos Alcaraz (Spain)

**Answer- 1) Casper Ruud (Norway)**

**Explanation:**

Norway's top seed and defending champion **Casper Ruud** has won the **Swiss Open Tennis Tournament 2022** held at the Roy Emerson Arena in Gstaad, Switzerland, from 18th July 2022 to 24th July 2022 by defeating Matteo Berrettini (**Italy**).

**i.** This was Casper Ruud's 9th in his career and 3rd in 2022 following the success in the Geneva and Buenos Aires Open.

**About Swiss Open Gstaad:**

- The Swiss Open Gstaad is a men's tennis tournament played on outdoor clay courts.
- The 2022 tournament was the 54th edition of the Swiss Open and part of the Association of Tennis Professionals (ATP) Tour 250 series of the 2022 ATP Tour.

**7. Which of the following points are 'correct' with respect to the South Asian Football Federation (SAFF) Under-20 ( U-20) football championship 2022?**

- 1) The 4th edition of the SAFF Under-20 football championship 2022 final match held in Kalinga stadium in Bhubaneswar, Odisha.
- 2) India won the 2022 SAFF U-20 football championship trophy for the fourth consecutive time by defeating Pakistan.
- 3) Gurkirat Singh was named the Most Valuable Player of SAFF U20 championship 2022.
- 4) Both 1 & 2
- 5) Both 1 & 3

**Answer- 5) Both 1 & 3**

**Explanation:**

The 4th edition of the SAFF Under-20 ( U-20) football championship 2022 final match was held in Kalinga stadium in Bhubaneswar, Odisha.

**i.** India won the 2022 SAFF U-20 football championship trophy for the **second consecutive time** by defeating **Bangladesh**.

**ii.** Gurkirat Singh was named the Most Valuable Player of SAFF U20 championship 2022. He also won the highest Goal Scorer Award with eight goals.

**iii.** Indian goalkeeper Som Kumar was named the Best Goalkeeper SAFF U20 championship 2022.

**8. As per the Citi Open 2022, \_\_\_\_\_ from Australia won the Men's Singles title, while Liudmila Samsonova from \_\_\_\_\_ won the Women's Singles title in Citi Open held at Washington, D.C. United States (US) in August 2022.**

- 1) Jack Sock; Australia
- 2) Yoshihito Nishioka; Russia
- 3) Nick Kyrgios; Estonia
- 4) Yoshihito Nishioka; Australia

5) Nick Kyrgios; Russia

Answer- **5) Nick Kyrgios; Russia**

**Explanation:**

The 2022 Washington Open/**Citi Open** was held on August 1-7, 2022 at the William H.G. FitzGerald Tennis Center in Washington, D.C., United States (US). It was the 53rd edition for men and 10th for women.

Category	Winner	Runner-up
Men's Singles	Nick Kyrgios (Australia)	Yoshihito Nishioka (Japan)
Women's Singles	Liudmila Samsonova (Russia)	Kaia Kanepi (Estonia)

**9. In August 2022, \_\_\_\_\_ became India's 75th Grandmaster (GM) and Tamil Nadu (TN)'s \_\_\_\_\_ GM by winning the Limpedia Open in Baia Mare, Romania.**

- 1) V Pranav; 27th
- 2) Vidit Gujrathi; 25th
- 3) V Pranav; 29th
- 4) P. Harikrishna; 27th
- 5) Vidit Gujrathi; 29th

Answer- **1) V Pranav; 27th**

**Explanation:**

Chennai, Tamil Nadu based 16-year-old Chess prodigy **V Pranav** became India's 75th Grandmaster (GM) and Tamil Nadu's **(TN's) 27th** by winning the Limpedia Open in Baia Mare, Romania Pranav finished the Romanian tournament with 7 points out of 9 to meet the GM norm requirements.

- i. Pranav has been a three-time State Champion in chess and has also won a Bronze Medal at the World Rapid Event 2021.
- ii. Out of other states, Tamil Nadu has a large number of GMs (27) which is followed by Maharashtra with 10 Grandmasters and West Bengal with 9.

**10. Which company is set to replace Paytm as the title sponsor for the Board of Control for Cricket in India (BCCI)?**

- 1) BYJU'S
- 2) Dream11
- 3) Mastercard
- 4) VIVO
- 5) Tata Group

Answer- **3) Mastercard**

**Explanation:**

**Mastercard** is set to replace **Paytm** as the title sponsor for all international and domestic cricket matches organised by the Board of Control for Cricket in India **(BCCI)**.

- i. This follows Paytm's request to reassign the title sponsorship of BCCI, valid till 2023. . Mastercard will be assigned the rights till 2023, as per the original terms of the contract will continue to pay Rs 3.8 crore per match.

**11. Which of the following points is 'Incorrect' with respect to the XXII Commonwealth Games (CWG) 2022 held at Birmingham, England (United Kingdom)?**

- 1) India stood at 6th position with a total medal tally of 61, consisting of 22 Gold, 16 Silver, and 23 Bronze medals while England tops Games medal tally with a total of 178 medals.
- 2) Murali Sreeshankar won the silver medal in the men's long jump and became the first Indian to win a silver medal in the men's long jump event.
- 3) Mirabai Chanu became the first Indian to win a Gold medal at CWG 2022, while Jeremy Lalrinnunga became the first Indian man to win a Gold medal.
- 4) PV Sindhu clinched the women's singles gold in badminton, with this win, India achieved the landmark 200 gold medals in CWG history, as India's gold medal tally now stands at 203.
- 5) Australia topped the Gold Medal count in CWG history with 1003 gold medals, followed by England with 773 Gold Medals.

**Answer- 1) India stood at 6th position with a total medal tally of 61, consisting of 22 Gold, 16 Silver, and 23 Bronze medals while England tops Games medal tally with a total of 178 medals.**

**Explanation:**

The 2022 Commonwealth Games, officially known as the XXII Commonwealth Games (CWG) or Birmingham 2022 was held at Birmingham, England (United Kingdom) from July 28 to August 8, 2022.

- The official motto of Birmingham 2022 was 'Games for Everyone' and 'Perry' is the mascot for the 2022 Birmingham CWG.
- India stood at 4th position with a total medal tally of 61, consisting of 22 Gold, 16 Silver, and 23 Bronze medals while Australia tops the final Commonwealth Games medal tally with a total of 178 medals.
- Murali Sreeshankar won the silver medal in the men's long jump and became the first Indian to win a silver medal in the men's long jump event.
- Mirabai Chanu became the first Indian to win a Gold medal at CWG 2022, while Jeremy Lalrinnunga became the first Indian man to win a Gold medal and place on the podium in Birmingham.
- PV Sindhu clinched the women's singles gold in badminton after beating Canada's Michelle Li and with this win, India achieve the landmark 200 gold medals in CWG history, as India's gold medal tally now stands at 203, while Australia topped the Gold Medal count in CWG history with 1003 gold medals, followed by England with 773 Gold Medals.

**12. In August 2022, 23rd Grand Slam singles title winner 'Serena Williams' announced her retirement.**

**In which year did she receive her 1st major singles title?**

- 1) 2004
- 2) 1999
- 3) 2007
- 4) 1997
- 5) 2000

**Answer- 2) 1999**

**Explanation:**

Tennis legend Serena Williams announced her retirement in a Vogue article after the U.S. Open, which will be conducted in late August 2022 into early September 2022.

- i. Serena Williams is 40 years and has 73 career singles titles, 23 career doubles titles and over USD 94 million in career winnings.
- ii. Serena is the one and only Tennis player in the history to have won 23 Grand Slam (GS) Titles comparatively, in Men's category Rafael Nadal won 22 GS.
- iii. The first of her 23 Grand Slam singles titles was at the 1999 U.S. Open. she has also won 14 GS Titles in Women's Doubles category.

**13. Which of the following countries recently (in Aug '22) received membership status from the International Cricket Council (ICC)?**

- 1) Kyrgyzstan
- 2) Cambodia
- 3) Côte D'Ivoire
- 4) Only 1 & 2
- 5) Only 2 & 3

Answer- **5) Only 2 & 3**

**Explanation:**

The International Cricket Council (ICC) awarded membership status to three countries –**Cambodia** and **Uzbekistan** from Asia, and **Cote D'Ivoire** from Africa during the ongoing ICC Annual Conference in **Birmingham, United Kingdom (UK)**.

- i. The three countries were all awarded Associate membership status, taking ICC's total members to 108 countries, including 96 Associates.
- ii. After the introduction of two Asian countries, the total count of Asian countries became 25 while Cote D'Ivoire was introduced as the 21st country from Africa.

**14. Which of the following points are 'Incorrect' with respect to the 44th FIDE Chess Olympiad 2022 was held in Chennai, Tamil Nadu, India?**

- 1) For the 1st Time ever, Uzbekistan secured the gold medal in Open Section and Ukraine secured a gold medal in the Women's event for the 2nd time.
- 2) British player David Howell has the highest score for an individual player in the Open event and Oliwia Kiołbasa from Poland had the highest individual score in the Women's event.
- 3) India 'B' team settled for a bronze medal in the Open section for the 2nd time and India 'A' women's team won bronze and this is the 1st-ever medal at the Olympiad in the women's section.
- 4) By the win of Team B, Rameshbabu Praggnanandhaa is the only Indian to win 2 Olympiad medals.
- 5) D Gukesh and Nihal Sarin won the gold medals on men's boards 1 and boards 2, respectively.

Answer- **4) By the win of Team B, Rameshbabu Praggnanandhaa is the only Indian to win 2 Olympiad medals.**

**Explanation:**

Adhiban Baskaran is the only Indian to win 2 Olympiad medals. He was a part of the team that won the bronze in the 2014 Olympiad as well as the team that won the Bronze in the 2022 Olympiad.

- i. Uzbekistan secured the gold medal in Open Section by defeating the Netherlands and It was their first overall medal in the Chess Olympiads. Ukraine secured their second gold in the Women's event in 44th **Chess Olympiad 2022 followed by Georgia with the silver medal. It previously won in 2006.**
- ii. British player David Howell had the highest score for an individual player in the Open event and Oliwia Kiołbasa from Poland had the highest individual score in the Women's event.

iii. India 'B' team settled for a bronze medal in the Open section by this win India secured second medal at the Chess Olympiad after a bronze in 2014. India 'A' women's team won bronze in the Chess Olympiad and this is India's first-ever medal at the Olympiad in the women's section.

- The India A team consisted of Koneru Humpy, Harika, Rameshbabu Vaishali, Tania Sachdev, and Bhakti Kulkarni.
- The India B team consisted of Rameshbabu Praggnanandhaa, Gukesh, Nihal, Raunak and Adhiban Baskaran.

iv. D Gukesh and Nihal Sarin won the gold medals on the men's board 1 and board 2, respectively, while Arjun Erigaisi bagged the silver medal on board 3. Grandmaster Arjun Erigaisi became the seventh Indian to cross the 2700 ELO rating.

**15. In August 2022, Kieron Adrian Pollard, a former West Indies cricketer, became the first-ever cricketer to play in \_\_\_\_\_ Twenty20 (T20) cricket matches.**

- 1) 800
- 2) 300
- 3) 600
- 4) 400
- 5) 200

Answer- **3) 600**

**Explanation:**

**Kieron Adrian Pollard**, former **West Indies** cricketer (Trinidadian), has become the first-ever cricketer to play in **600** Twenty20 (T20) cricket matches.

- i. He achieved the feat while playing for London Spirit against the Manchester Originals in "The Hundred", a professional franchise 100-ball cricket tournament of teams across England and Wales.
- ii. He represents Mumbai Indians in Indian Premier League (IPL), Trinbago Knight Riders in Caribbean Premier League.
- iii. The other cricketers behind Kieron Pollard in terms of playing T20 cricket matches are Dwayne Bravo (543 matches), Shoaib Malik (472), Chris Gayle (463) and Ravi Bopara (426).

**16. Who recently (in Aug '22) won silver medal in the VL1 Women's 200m Race at the 2022 ICF Canoe Sprint & Paracanoe World Championships and became India's first ever medal at Canoe Sprint & Paracanoe World Championships?**

- 1) J. J. Shobha
- 2) Pooja Ojha
- 3) Manju Bala
- 4) Kiran Kanojia
- 5) Dutee Chand

Answer- **2) Pooja Ojha**

**Explanation:**

Madhya Pradesh (MP) para athlete **Pooja Ojha** won the silver medal in VL1 Women's 200m Race final with a timing of 1:34.18 at the **2022 ICF** (International Canoe Federation) Canoe Sprint & Paracanoe World Championships.

- i. The championship was organized in Halifax, Canada (3-8 August 2022). This is the first ever medal India won at the ICF Canoe Sprint & Paracanoe World Championships.
- ii. Germany's player Lillemore Koper won the Gold medal with a time of 1:29.79.

**Note-** Pooja Ojha won the gold medal six times in the National Championship and was the first woman from India to qualify for the Worlds.

**17. Which state will host the 2nd edition of the North East Olympics 2022 from October 30th to November 6th, 2022?**

- 1) Mizoram
- 2) Manipur
- 3) Arunachal Pradesh
- 4) Meghalaya
- 5) Assam

**Answer- 4) Meghalaya**

**Explanation:**

**Meghalaya** will host the **2nd edition** of the **North East Olympics 2022** in Shillong, from October 30, 2022, to November 06, 2022. This edition has taken on a special significance as 2022 marks the 50th anniversary of Meghalaya becoming a state.

- i.** Around 4,000 athletes from eight North Eastern states—Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, and Tripura—will compete in the second NorthEast Olympics 2022.
- ii.** The participants will compete in 18 different disciplines at 13 different locations across Shillong.

**18. Which country recently (in Aug' 22) got suspended by FIFA for the first time in its 85-year history for violating the FIFA Statutes?**

- 1) Japan
- 2) Ukraine
- 3) Russia
- 4) India
- 5) China

**Answer- 4) India**

**Explanation:**

The world governing body FIFA (International Federation of Association Football) suspended All India Football Federation (**AIFF**) for the 1st time in its 85 year history for undue influence from third parties, which constitutes a serious violation of the FIFA Statutes.

- i.** It also took back the rights from India to host the 7th Under-17 Women's World Cup 2022 which was scheduled to be held on October 11-30, 2022.
- ii.** It means that the Indian National Football Team will not be able to play any international games (junior or senior) across the two genders until the ban is removed, including the friendly tournament in Vietnam. India will not participate in the AFC Asian Cup 2023, Philippines.

**19. Who recently (in Aug '22) won the mens' single title in the 2022 National Bank Open Tennis Tournament in Montreal, Canada and claimed the 1st Montreal Masters 1000 title?**

- 1) Pablo Carreno Busta (Spain)
- 2) Joe Salisbury (Australia)
- 3) Hubert Hurkacz (Poland)
- 4) Wesley Koolhof (Netherlands)
- 5) Neal Skupski (United Kingdom)



Answer- **1) Pablo Carreno Busta (Spain)**

**Explanation:**

Two time Grand Slam semi-finalist and former World No. 10 Pablo Carreno Busta of Spain won the Men's Singles title at the 2022 National Bank Open Tennis Tournament held in Montreal, Canada.

**i.** Pablo Carreno Busta defeated Hubert Hurkacz of Poland by 3-6, 6-3, 6-3 in the Association of Tennis Professionals (ATP) finals with a Montreal Masters triumph. It is his seventh ATP Tour title and first Montreal Masters 1000 victory. He became the first unseeded winner in Canada in two decades.

**ii.** Women's Singles: Two-time Grand Slam champion Simona Halep won her third title at the National Bank Open presented by Rogers by defeating Brazil's Beatriz Haddad Maia.

**iii.** It was the 132nd edition of the men's tournament, a Masters 1000 event on the 2022 ATP Tour, and the 120th edition of the women's tournament, a WTA 1000 event on the 2022 WTA Tour.

**20. Cricketer Kevin Joseph O'Brien recently (in Aug '22) announced his retirement from international cricket. He belongs to which country?**

- 1) Ireland
- 2) West Indies
- 3) Australia
- 4) England
- 5) New Zealand

Answer- **1) Ireland**

**Explanation:**

The 38-year-old, **Ireland** all-rounder, **Kevin Joseph O'Brien** announced his retirement from **international cricket**. He became the **1st Ireland cricketer** to score a **century** in red-ball cricket.

**i.** Kevin O'Brien made his debut for Ireland in 2006 and was one of their longest serving cricketers. He scored the fastest century ever in 50-over World Cup History (2011), from 50 balls against England.

**ii.** He is also Ireland's leading wicket taker in the One Day International (ODI) format, with 114 scalps at an average of 32.68.

**21. On 16th August 2022, India got suspended by FIFA for the first time in its 85-year history for third-party interference.**

**Which of the following countries are 'Not' banned by FIFA over 3rd party influence (as of 22nd Aug '22)?**

- 1) China
- 2) Kenya
- 3) Nigeria
- 4) Pakistan
- 5) Indonesia

Answer- **1) China**

**Explanation:**

The Bureau of the Federation International de Football Association (**FIFA**) Council has decided to suspend the All India Football Federation (**AIFF**) with immediate effect due to third-party interference, which is a violation of FIFA's statutes and (AIFF) got banned for the first time in its 85-year history.

**i.** Following the suspension, FIFA U-17 Women's World Cup 2022 which is scheduled to be held in India on 11-30 October 2022, cannot be held in India as planned.

**ii. Other countries banned** by FIFA over 3rd party influence include Iraq (2008) Nigeria(2014), Guatemala(2016), Kuwait & Indonesia(2015), Pakistan(2017 & 2021) and Kenya (2022).

**22. Name the Indian Grandmaster (GM) who recently (in August '22) defeated the World No.1 Magnus Carlsen and became runner-up in the FTX Crypto Cup 2022 held in Florida, United States (US).**

- 1) R Praggnanandhaa
- 2) Adhiban Baskaran
- 3) Gukesh D
- 4) Arjun Erigaisi
- 5) Vidit Gujrathi

**Answer- 1) R Praggnanandhaa**

**Explanation:**

Indian Grandmaster (GM) **R Praggnanandhaa** (Praggnanandhaa Rameshbabu) **defeated** the World No.1 **Magnus Carlsen** of Norway in the final round of **FTX Crypto Cup 2022** held in the Eden Roc Miami Beach, Miami, Florida, United States of America(USA).

- Despite the win, he finished the tournament securing the **runner-up** spot.

**i.** The FTX Crypto Cup, the 6th event in the Meltwater Champions Chess Tour took place August 15-21, 2022 on chess24.

**ii.** However Magnus Carlsen won the event on the basis of a higher score with 16 match points and R Praggnanandhaa secured second position, scoring 15 match points.

**23. Name the personality who recently (in Aug '22) became the first Indian to play in the Union of European Football Association (UEFA) Women's Championship League.**

- 1) Sanju Yadav
- 2) Sasmita Malik
- 3) Manisha Kalyan
- 4) Aditi Chauhan
- 5) Bala Devi

**Answer- 3) Manisha Kalyan**

**Explanation:**

Indian Football striker **Manisha Kalyan** from Hoshiarpur, Punjab, has become the **first Indian to play** in the Union of European Football Association (**UEFA**) Women's Championship League by making her debut for Apollon Ladies FC in the European Club competition in Engomi, Cyprus.

**i.** Manisha Kalyan, the **4th** Indian woman footballer to sign for an overseas club.

**24. In August 2022, the Indian Cricket Team won Kajaria Cup 2022 by defeating \_\_\_\_\_ in the 3-match One Day International (ODI) series at Harare Sports Club, Harare.**

- 1) West Indies
- 2) New Zealand
- 3) Namibia
- 4) Ireland
- 5) Zimbabwe

**Answer- 5) Zimbabwe**

**Explanation:**

**Indian Cricket Team** has won the Kajaria Cup India Tour of Zimbabwe One Day International (ODI) Series 2022 (3-0) defeating **Zimbabwe** in the 3rd and final One Day International (ODI) at Harare Sports Club, Harare, Zimbabwe.

- i. The ODI series formed part of the inaugural 2020–2023 ICC Cricket World Cup Super League.
- ii. India registered a 13-run victory and clinched the ODI series by 3-0.

**25. Name the Indian Cricketer who recently (in Aug '22) surpassed Sachin Tendulkar's 24-year-old record with the 130 runs in his maiden international century against Zimbabwe in the third One Day International (ODI) Match.**

- 1) Ravi Bishnoi
- 2) KL Rahul
- 3) Ishan Kishan
- 4) Shubman Gill
- 5) Kedar Jadhav

Answer- **4) Shubman Gill**

**Explanation:**

India's opener **Shubman Gill** (22 years) broke legendary **Sachin Tendulkar's** 24-year-old record by scoring his maiden international century against **Zimbabwe** in the third ODI.

- i. In 1998 Sachin Tendulkar scored 127 runs at Queens Sports Club Ground in Bulawayo, Zimbabwe. Shubam Gill had surpassed that score with 130 off 97 balls, hitting 15 fours and a six in an innings.
- ii. Shubam Gill shared a 140-run third-wicket partnership with Kishan, who reached his half-century before being run out by Tony Munyonga.
- iii. Shubman Gill, from Punjab, also became the 2nd youngest Indian with an ODI hundred against Zimbabwe at the age of 22y 348 days after Mohammed Kaif (21y 287d).

**26. In August 2022, FIFA lifted the ban imposed on the All India Football Federation (AIFF) after the Supreme Court order.**

**Which edition of the Under-17 Women's World Cup 2022 will be hosted by India in October 2022?**

- 1) 10th
- 2) 15th
- 3) 7th
- 4) 12th
- 5) 9th

Answer- **3) 7th**

**Explanation:**

The World football governing body **FIFA** (International Federation of Association Football) lifted the ban imposed on the All India Football Federation (**AIFF**) after the Supreme Court (SC) terminated the mandate of the Committee of Administrators (CoA).

- i. Now, **India** will host the **7th** Under-17 Women's World Cup 2022 which is already scheduled to be held on October 11-30, 2022 at three venues viz. **Kalinga Stadium** in Bhubaneswar (Odisha), **Jawaharlal Nehru Stadium** in Margao (Goa), and **DY Patil Stadium** in Navi Mumbai (Maharashtra).
- ii. FIFA had suspended the AIFF on August 15 2022 for 'undue influence from third parties'. It was for the first time that India was hosting the FIFA women's football tournament.

**27. Neeraj Chopra recently (in Aug '22) won Athletissima Wanda Lausanne Diamond League 2022 title by throwing at \_\_\_\_\_ in his first attempt & became the 1st Indian to win the gold medal at a Diamond League meet.**

- 1) 83.09m
- 2) 89.08m
- 3) 87.09m
- 4) 86.02m
- 5) 85.04m

**Answer- 2) 89.08m**

**Explanation:**

Tokyo Olympic champion (javelin throw), Neeraj Chopra won **Athletissima Wanda Lausanne Diamond League 2022** title at La Pontaise Olympic stadium in Switzerland.

**i.** with the massive throw to **89.08m** (meters) in his first attempt, He became the **first Indian** to win the **gold medal** at a Diamond League meet.

**ii.** Tokyo Olympics silver medallist Jakub Vadlejch finished second (with 85.88m) while Curtis Thompson of United States (US) was third (with 83.72m).

**28. In August 2022, India won the Bronze medal in the 14th Asian Men's U18 Volleyball Championship 2022 against which country?**

- 1) Sri Lanka
- 2) Japan
- 3) China
- 4) Iran
- 5) South Korea

**Answer- 5) South Korea**

**Explanation:**

**India** won the **Bronze medal** in the **14th Asian Men's U18 Volleyball Championship 2022** against South Korea, which was held in Tehran, Iran. **Japan and Iran** won **gold** and **Silver** respectively.

**i.** This marks India's first podium place in the last 14 years, India won the bronze medal in 2008 defeating China.

**ii.** India have qualified for the Fédération Internationale de Volleyball (FIVB) 2023 U19 Volleyball World Championships along with Japan, Iran, and South Korea.

**iii.** Overall, Indian athletes have won five medals at the U18 Asian Boys' Volleyball Championship.

**29. Name the personality who recently (in Aug '22) won the Rolex Belgian Grand Prix 2022 & and extended his lead in the FormulaOne (F1) World Championship.**

- 1) Lewis Hamilton
- 2) Sergio Perez
- 3) Carlos Sainz
- 4) Max Verstappen
- 5) Charles Leclerc

**Answer- 4) Max Verstappen**

**Explanation:**

Red Bull's **Max Verstappen**, the dutch flyer, won the **Formula 1 Rolex Belgian Grand Prix 2022** and extended his lead in the FormulaOne World Championship followed by Red Bull's Sergio Perez in second position and Ferrari's Carlos Sainz won the third.

- i. The 2022 Belgian Grand Prix took place over 44 laps of the 7.004-kilometre Circuit de Spa-Francorchamps.
- ii. Max Verstappen has won 9 of this season's 14 races and led at the top with 284 points followed by Sergio Perez with 191 points and Charles Leclerc with 186 points.
- iii. Verstappen became only the second driver to win successive races from 10th or lower on the grid.

**30. Which of the following points are 'correct' with respect to the 27th edition of the Badminton World Federation (BWF) World Championships in Tokyo, Japan in August 2022?**

- A) India ranked 9th along with Germany by winning 1 medal (both) while China tops the list with 5 medals.**
- B) Viktor Axelsen (Denmark) won his second badminton world title and Akane Yamaguchi (Japan) retained her badminton women's world title.**
- C) India's Satwiksairaj Rankireddy & Chirag Shetty became the first Indian pair to win a bronze medal in Men's doubles at the world badminton championships.**

- 1) Only B
- 2) Only A & B
- 3) Only B & C
- 4) Only C & A
- 5) All A, B & C

Answer- **5) All A, B & C**

**Explanation:**

The 27th edition of Badminton World Federation (BWF) World Championships officially known as the Total Energies BWF World Championships 2022 was held from August 22-28, 2022 at Tokyo Metropolitan Gymnasium in Tokyo, Japan.

- i. India ranked 9th along with Germany by winning 1 bronze medal while China topped the list with 5 medals including 2 gold, 1 silver and 2 bronze followed by Japan with 3 medals including 1 gold.
- ii. Denmark's Viktor Axelsen won his second badminton world title by defeating Thailand's Kunlavut Vitidsarn and Japan's Akane Yamaguchi retained her badminton women's world title by defeating China's Chen.
- iii. India's Satwiksairaj Rankireddy & Chirag Shetty became the first Indian pair to win a bronze medal in Men's doubles at the world badminton championships.

**31. Name the company/Bank that was recently (in Aug '22) partnered with the Athletics Federation of India (AFI) to support young women athletes in India.**

- 1) Bajaj Finance Limited
- 2) HSBC India
- 3) Standard Chartered India
- 4) IDFC First Bank
- 5) DBS Bank India

Answer- **2) HSBC India**

**Explanation:**

The Athletics Federation of India (AFI) partners with **HSBC India** to support women athletes in India, especially the youngsters.

i. Under the partnership, promising girls will be picked from the National Inter District Championships for Under-14 and Under-16 categories and will provide necessary training to perform on the global stage and Special coaching camps will be established for the selected athletes.

**32. Which of the following points are 'correct' with respect to the 45th edition of the 2022 World U20 Wrestling Championships in Sofia, Bulgaria in August 2022?**

1) In Men's Freestyle, India ranks 2nd in World U20 Wrestling Championships 2022 with 10 medals while Iran tops the Championship.

2) Antim Panghal became India's First-Ever U-20 World Wrestling Champion by winning Gold medal in Women's 53kg category.

3) Indian Greco-Roman wrestlers Sumit and Rohit Dahiya won bronze medals in Men's 60kg and Men's 82kg category respectively.

4) Both 1 & 2

5) Both 2 & 3

Answer- **5) Both 2 & 3**

**Explanation:**

Indian Greco-Roman wrestlers Sumit and Rohit Dahiya won bronze medals on the final day of the 45th edition of 2022 World U20 Wrestling Championships in Sofia, Bulgaria that was held between 15th August 2022 and 21st August 2022.

i. In Men's Freestyle, India ranks **3rd** in World U20 Wrestling Championships 2022 with **16 medals** including 1 gold, 4 silver and 11 bronze medals while **Iran** tops the Championship followed by the United States of America(USA).

ii. Antim Panghal, wrestler from Haryana became India's First-Ever U-20 World Wrestling Champion by winning Gold medal in Women's 53kg category, defeating Kazakhstan's Atlyn Shagayeva.

**33. Name the personality from India who recently (in Aug '22) won 1st ever Gold in World Cadet Judo Championship under Women's 57kg contest.**

1) Tintu Luka

2) Linthoi Chanambam

3) Kalpana Devi

4) Garima Chaudhary

5) Krishna Poonia

Answer- **2) Linthoi Chanambam**

**Explanation:**

**Linthoi Chanambam**, a 15-year-old Indian judoka, from Manipur won a historic **Gold**, in the **Women's 57kg contest** (any age group category), swaying over Brazil's Bianca Reis. It is India's **first-ever medal** in the Judo World Championships, in Sarajevo, Bosnia and Herzegovina.

i. The event Judo World Championships took place between 24-28 August, is the highest level of international judo competition for juniors aged 18 years or less.

# BOOKS AND AUTHORS

**1. Name the author of the book, 'The Journey of a Nation: 75 Years of Indian Economy: Re-emerge, Reinvest, Re-engage'.**

- 1) Natwar Singh
- 2) Ahmed Patel
- 3) Sanjaya Baru
- 4) Manmohan Singh
- 5) Gursharan Kaur

**Answer- 3) Sanjaya Baru**

**Explanation:**

A new book titled "The Journey of a Nation: 75 Years of Indian Economy: Re-emerge, Reinvest, Re-engage" authored by **Sanjaya Baru** and published by Rupa Publications India Pvt Ltd.

i. Sanjaya Baru's 75 Years of Indian Economy is part of a series that looks back at the past 75 years of independent India.

**2. Who authored the book "The Light We Carry: Overcoming in Uncertain Times", is set to be released?**

- 1) Malia Obama
- 2) Betty Ford
- 3) Craig Robinson
- 4) Michelle Obama
- 5) Hillary Clinton

**Answer- 4) Michelle Obama**

**Explanation:**

The New Book titled "**The Light We Carry: Overcoming in Uncertain Times**" authored by **Michelle Obama**, the Former first lady of the United States of America (USA) to be released.

i. The book will be published Globally by Penguin Random House and it will be released in the US and Canada by Crown, an imprint of the Random House Publishing Group.

**Note-** Another book by Michelle Obama- 'Becoming' was released in 2018.

**3. Name the author of the book 'Riding the De(Mon)' that was recently published by Leadstart Publishing Pvt. Ltd.**

- 1) Murali Raghavan
- 2) Jeet Thayil
- 3) Aravind Adiga
- 4) Amish Tripathi
- 5) Preeti Shenoy

**Answer- 1) Murali Raghavan**

**Explanation:**

A new book titled "**Riding the De(Mon)**" authored by **Murali Raghavan**, a Chartered & Cost accountant from India, based in Dubai, United Arab Emirates(UAE) and published by Leadstart Publishing Pvt. Ltd, one of the fastest-growing publishing houses in India.

i. The Book is a tale of big money and crime and looks at money laundering in India, particularly the methods used by people to funnel their ill-gotten gains into the banking system, post demonetisation.

**4. Tata Power and Ela Foundation recently (in July'22) released their 4th book: "Amphibians of the Northern Western Ghats", authored by whom?**

- 1) Bidhan Kanti Das
- 2) Erach Bharucha
- 3) Madhav Gadgil
- 4) Satish Pande
- 5) Vandana Shiva

Answer- **4) Satish Pande**

**Explanation:**

**Tata Power**, in association with **Ela Foundation**, has released the **fourth book in a series on 'Amphibians of the Northern Western Ghats'**, which was authored by **Satish Pande** with inputs from Vivek Vishwasrao and Gram Purohit.

i. The Book is a photographic guide to all **52 species** of amphibians in Gujarat, Diu, Daman, Dadra Nagar Haveli, Maharashtra and Goa, highlighting the rich biodiversity of the western ghats of Maharashtra.

ii. According to the Ela Foundation, the book is the first of its kind and aimed at the conservation of the neglected taxon.

**5. Name the author of the book, "The Dolphin and the Shark: Stories on Entrepreneurship".**

- 1) Vani Kola
- 2) Suchi Mukherjee
- 3) Namita Thapar
- 4) Radhika Agarwal
- 5) Aditi Gupta

Answer- **3) Namita Thapar**

**Explanation:**

A new book titled "**The Dolphin and the Shark: Stories on Entrepreneurship**" was authored by **Namita Thapar**, Leading businesswomen and 'Shark Tank India' judge. The book was released by Penguin Random House India (**PRHI**)'s business imprint 'Penguin Portfolio'.

i. The Dolphin and the Shark is Namita Thapar's debut book and the book is born out of her experiences of being a judge on Shark Tank India and running the India business of the pharma company Emcure as well as her own entrepreneurship academy.

**6. Who co-authored the book, "Do Different: The Untold Dhoni" along with Amit Sinha?**

- 1) Bharat Sundareshan
- 2) Sfurti Sahare
- 3) Gulu Ezekiel
- 4) Joy Bhattacharjya
- 5) Gaurav Kapoor

Answer- **4) Joy Bhattacharjya**



**Explanation:**

A book titled “**Do Different: The Untold Dhoni**” authored by Amit Sinha & **Joy Bhattacharjya** and imprinted by India Viking launched.

i. It highlights the journey of famous Indian cricketer Mahendra Singh Dhoni (**MSD**).

**Prominent book about Mahendra Singh Dhoni (MSD):**

- The Dhoni Touch: Unraveling the Enigma That Is Mahendra Singh Dhoni by Bharat Sundaresan
- Captain Cool: The M.S. Dhoni Story by Gulu Ezekiel
- Think and Win Like Dhoni by Sfurti Sahare

**7. Name the union minister who recently (in Aug '22) released 3 books showcasing some rare pictures of all Former Presidents, Pictorial Record of Former President Ram Nath Kovind's Term and the Flooring of Rashtrapati Bhavan.**

- 1) Anurag Thakur
- 2) Giriraj Singh
- 3) Dharmendra Pradhan
- 4) Kiren Rijiju
- 5) Amit Shah

Answer- **1) Anurag Thakur**

**Explanation:**

Union Minister of Information and Broadcasting **Anurag Thakur** released three books published by the Directorate of Publications Division (**DPD**).

i. The first copy of the books was presented to the former President of India, Ram Nath Kovind in presence of President Droupadi Murmu, Vice President M. Venkaiah Naidu and Prime Minister Narendra Modi.

**Books released:**

- i. Moods, Moments and Memories – Former Presidents of India (1950-2017) A Visual History
- ii. First Citizen – Pictorial Record of President Ram Nath Kovind's Term
- iii. Interpreting Geometries – Flooring of Rashtrapati Bhavan.

**Note-** Including these 3 new books, the total count of books about the Presidents of India & the historic residence in which the President of India resides becomes 17.

**8. In August 2022, the former West Bengal Governor, Gopalkrishna Gandhi, launched the book, "Through The Rear View Mirror," an autobiography of \_\_\_\_\_.**

- 1) Chitra Ramkrishna
- 2) Arundhati Bhattacharya
- 3) Amitava Kumar
- 4) K.R.A. Narasiah
- 5) Kalpana Morparia

Answer- **4) K.R.A. Narasiah**

**Explanation:**

Author and historian **K.R.A. Narasiah's** autobiography titled “**Through The Rear View Mirror**” was launched by former West Bengal Governor Gopalkrishna Gandhi at an event held in Chennai, Tamil Nadu. Former Chief Election Commissioner T.S. Krishnamuthi received the first copy of the book.

i. The book offers a description of one's life honestly lived with no malice, no regrets and great deal of gratitude for whatever had come his way.

ii. K.R.A. Narasiah, a tamilian born in Berhampore (**West Bengal**), was a marine engineer who has authored several book like 'Kadalodi,' 'Madrasapattinam,' 'Cambodia Ninaivugal,' 'Aalavai' and 'Lettered Dialogue' (in English).

**9. Who authored the book, 'How China Sees India and the World'?**

- 1) Shyam Saran
- 2) Kanwal Sibal
- 3) Nirupama Rao
- 4) Dhruva Jaishankar
- 5) R S Butola

Answer- **1) Shyam Saran**

**Explanation:**

**Shyam Saran**, an accomplished former diplomat who has spent some years in Beijing has written a book titled '**How China Sees India and the World**' published by Juggernaut Books, New Delhi.

i. The book reveals the India-China relationship, their similarities and differences, and how their perceptions of each other changed through the centuries.

ii. The book starts with the rise and fall of Buddhism and its spread through the trade routes that connected India to China and China to Europe through Central Asia.

**10. Who authored the book, "Rusty Skies and Golden Winds," that was launched by Union Minister Jitendra Singh in August 2022?**

- 1) Avalok Langer
- 2) Sannidhya Sharma
- 3) Meena Kandasamy
- 4) Ira Trivedi
- 5) Nidhi Dugar Kundalia

Answer- **2) Sannidhya Sharma**

**Explanation:**

Union Minister **Jitendra Singh** has launched A 100-page poetry book titled "**Rusty Skies and Golden Winds**", written by 11-year-old Sannidhya Sharma in Jammu of Jammu and Kashmir(J&K).

i. The book, published by Blue-rose publishers, is an anthology of 40 poems that defines the nature of the world.

**11. Name the organization that recently (in Aug '22) published a new book titled "Field Guide, Birds of India", which highlights the 1331 avian species found in India.**

- 1) Forest Survey of India
- 2) Botanical Survey of India
- 3) Wildlife Institute of India
- 4) Zoological Survey of India
- 5) Anthropological Survey of India

Answer- **4) Zoological Survey of India**

**Explanation:**

The Zoological Survey of India (**ZSI**) has published a new book titled "**Field Guide, Birds of India**", dealing with 1331 avian species found in India, their present status, and distribution details.

i. The book highlights quality photographs of birds, unlike other books that use drawings, to help birders to compare the species of birds they sight in the field for easy identification.

**12. Who authored the book, "BRAVO YADAV-Journey of Honorary Captain Subedar Yogendra Singh Yadav India's Youngest Param Vir Chakra Recipient"?**

- 1) Vikram Chandra
- 2) Durjoy Datta
- 3) Deepak Singh
- 4) Jhumpa Lahiri
- 5) Jeet Thayil

**Answer- 3) Deepak Singh**

**Explanation:**

Famous content creator **Deepak Singh** has authored a new book titled "**BRAVO YADAV – Journey of Honorary Captain Subedar Yogendra Singh Yadav India's Youngest Param Vir Chakra Recipient**", a biography of Param Vir Chakra (PVC) Awardee Subedar Major and Honorary Captain Yogendra Singh Yadav.

i. The book is published by Har-Anand Publications Pvt Ltd.

ii. The book narrates Yogendra Singh Yadav's courage as a patriot and warrior, surviving the battle of Tiger Hill and being a keystone towards India's victory against Pakistan.

iii. At the age of 19, he was honoured with PVC, India's highest Military Decoration, for his action during Kargil War 1999. He is the youngest person to be awarded the medal (PVC).

**13. Which organization recently (in Aug' 22) released a book named "Fauna of Thattekad Bird Sanctuary" and a report on the "Threatened animals of Kerala"?**

- 1) Zoological Survey of India
- 2) Wildlife Institute of India
- 3) Botanical Survey of India
- 4) Forest Survey of India
- 5) Anthropological Survey of India

**Answer- 1) Zoological Survey of India**

**Explanation:**

The Zoological Survey of India (**ZSI**) had released a book named "**Fauna of Thattekad Bird Sanctuary**" and a report on the 'Threatened animals of Kerala' the institution receives the knowledge from zoological studies in India.

i. ZSI also signed an MoU with the University of Calicut (Malappuram, Kerala) and the Dr Gafoor Memorial MES Mampad College (Malappuram, Kerala) to exchange scientific and academic knowledge with students and researchers to promote zoological researches through advanced pedagogical techniques.

**Note-** Thattekkad Bird Sanctuary is situated in the Ernakulam district of Kerala.

**14. Name the union minister who was recently (in Aug '22) released 2 books titled "Heartfelt-The Legacy of Faith" & "Modi@20: Dreams Meet Delivery".**

- 1) Amit Shah
- 2) Subrahmanyam Jaishankar
- 3) Raj Nath Singh

4) Meenakshi Lekhi

5) Jitendra Singh

Answer- **4) Meenakshi Lekhi**

**Explanation:**

Meenakshi Lekhi, Minister of State (**MoS**) for External Affairs and Culture unveiled two books titled **"Heartfelt- The Legacy of Faith"** and **"Modi@20: Dreams Meet Delivery"** at "Vishwa Sadbhavana" event organized by the National Institute of Design (**NID**) Foundation at Melbourne in Australia.

i. 'Heartfelt- The Legacy of Faith', brought out by NID Foundation, documents Prime Minister Shri Narendra Modi Ji's belief in the Sikh Guru's and their teachings.

ii. 'Modi@20: Dreams Meet Delivery' by famed Oncologist in America Dr Bharat Barai, is a compilation of chapters exploring the fundamental transformation of Gujarat and India over the last 20 years.

**15. Who authored the book, "Putin- His Life and Times"?**

1) David Blair

2) Benjamin Hall

3) Damian Barr

4) Michael Brown

5) Philip Short

Answer- **5) Philip Short**

**Explanation:**

**"Putin- His Life and Times"**, a biography of the Russian President Vladimir Putin written by **Philip Short**, a former correspondent for the BBC, The Economist and The Times, was released in the midst of the Ukraine crisis.

i. Philip Short has been working on Putin's biography for 8 years. The book is published by The Bodley Head, a non fiction imprint of Penguin Random House.

**Note-**"First Person" published in 2001 was an authorised biography of Putin.

**16. In August 2022, the Ministry of Fisheries, Animal Husbandry and Dairying (MoFAHD) launched a Culinary Coffee Table Book titled 'Fish and Seafood- a collection of 75 gourmet recipes' in New Delhi, Delhi.**

**Who is the current (as of Aug '22) Union Minister of Fisheries, Animal Husbandry and Dairying?**

1) Bhupender Yadav

2) Parshottam Khodabhai Rupala

3) Mansukh L. Mandaviya

4) Piyush Goyal

5) Pashu Pati Kumar Paras

Answer- **2) Parshottam Khodabhai Rupala**

**Explanation:**

**Parshottam Khodabhai Rupala**, Union Minister, Ministry of Fisheries, Animal Husbandry and Dairying (**MoFAHD**) launched a Culinary Coffee Table Book titled **'Fish and Seafood- a collection of 75 gourmet recipes'** in New Delhi, Delhi.

i. The book exhibits the soul of India 'Rasoi' (Kitchen).

ii. The book ideated by the Department of Fisheries, highlights the diversity of fish available within the domestic water bodies and the fish culinary heritage of the country that signifies the diverse cooking and eating styles across the country.

**17. Benjamin Netanyahu penned his memoir titled "Bibi: My Story," which is set to be published in November 2022.**

**Benjamin Netanyahu is the former Prime Minister (PM) of which country?**

- 1) Israel
- 2) Saudi Arabia
- 3) United Arab Emirates
- 4) Iraq
- 5) Yemen

**Answer- 1) Israel**

**Explanation:**

**Benjamin Netanyahu**, a former Prime Minister (PM) of Israel has penned his memoir titled "**Bibi: My Story**", which is set to be published in November 2022 (after parliamentary elections in Israel).

i. The book is set to be published by **Threshold Edition** (a division of Simon and Schuster that publishes conservative books.)

ii. Previous works of Netanyahu are "A Durable Peace: Israel and it's Place Among the Nations and "Fighting Terrorism"

**18. Name the union minister who recently (in Aug '22) released a book "Transforming India-Governance for Atmanirbhar Bharat" & "Adhigam", ISTM's Journal on 'Research on Training and Governance'.**

- 1) Subrahmanyam Jaishankar
- 2) Anurag Singh Thakur
- 3) Virendra Kumar
- 4) Jitendra Singh
- 5) Dharmendra Pradhan

**Answer- 4) Jitendra Singh**

**Explanation:**

Union Minister of State (MoS) Science & Technology Dr **Jitendra Singh** addressed the Assistant Section Officers (Probationers) of 2019 Batch at the Institute of Secretariat Training & Management (ISTM) in New Delhi.

i. Dr Jitendra Singh released a book "Transforming India- Governance for Atmanirbhar Bharat" & "Adhigam", ISTM's Journal on 'Research on Training and Governance' on the occasion.

**19. Who authored the book, "Indians at Herod's Gate: A Jerusalem Tale" that was recently (in Aug '22) launched by Israeli President Isaac Herzog?**

- 1) Satbir Singh
- 2) Mohan Lal Trivedi
- 3) G. Narayana Rao
- 4) Navtej Sarna
- 5) Sonam Narboo

**Answer- 4) Navtej Sarna**

**Explanation:**

Israeli President **Isaac Herzog** unveiled the Hebrew Translation of the book, "**Indians at Herod's Gate: A Jerusalem Tale**" written by the former Ambassador of India, **Navtej Sarna** on the celebration of the 75th anniversary of India's Independence.

i. The book was originally written in English and was published in 2014 by Rupa Publication India Private Limited.

**20. Who co-authored the book, "Men of Steel- Military Leadership for India" along with Ajay Kumar Singh?**

- 1) Pradeep Singh
- 2) Yash Mor
- 3) Upendra Dwivedi
- 4) Yogendra Dimri
- 5) B. S. Raju

Answer- **2) Yash Mor**

**Explanation:**

Indian Army Chief General **Manoj Pande** released the book "**Men of Steel- Military Leadership for India**", a collection of essays, authored by Major General **Yash Mor** (retd.) and Lieutenant General **Ajay Kumar Singh** (retd.).

i. It was published by KW Publishers Pvt Ltd. "Men of Steel" was produced by think-tank Centre of Land Warfare Studies (CLAWS).

ii. In total, "Men of Steel" has 15 chapters, which were contributed by retired officers and non-military authors.

**21. "Madam Sir: The Story of Bihar's First Lady IPS Officer" is the autobiography of whom?**

- 1) Merin Joseph
- 2) Aparajita Rai
- 3) Manjari Jaruhar
- 4) Vimal Mehra
- 5) Soumya Sambasivan

Answer- **3) Manjari Jaruhar**

**Explanation:**

**Manjari Jaruhar**, a Retired Indian Police Service (IPS) officer and an Advisor of Tata Consultancy Services (TCS) has penned her autobiography titled "**Madam Sir: The Story of Bihar's First Lady IPS Officer**".

i. The book detailing the life and times of Bihar's first lady IPS officer is expected to be Published in October.

ii. The book is published by Ebury Press Imprint of Penguin Random House India (PRHI).

**22. Who authored the book, "NETAJI: Subhas Chandra Bose's Life, Politics and Struggle"?**

- 1) Sengupta Bratin
- 2) Roy Chowdhury Shankar
- 3) Joshi Kailash
- 4) Gupta Banarsi Das
- 5) Krishna Bose

Answer- **5) Krishna Bose**

**Explanation:**

New book titled "**NETAJI: Subhas Chandra Bose's Life, Politics and Struggle**" was penned by late scholar & former Member of Parliament (MP) **Krishna Bose** was unveiled on the eve of 76th Independence Day.

- i. The book was edited and translated (to English from Bengali) by Indian political scientist Sumantra Bose, son of Krishna Bose.
- ii. The book is published by Picador India imprint of Pan Macmillan India.

**23. Who authored the book, "Sing, Dance, and Pray: The Inspirational Story of Srila Prabhupada Founder-Acharya of ISKCON"?**

- 1) Anand Ranganathan
- 2) Sanjeev Sanyal
- 3) Hindol Sengupta
- 4) Vikram Sampath
- 5) Rajiv Malhotra

Answer- **3) Hindol Sengupta**

**Explanation:**

On 24th July 2022, Vice President (VP) of India, Muppavarapu Venkaiah Naidu, unveiled the book titled "**Sing, Dance, and Pray: The Inspirational Story of Srila Prabhupada Founder-Acharya of ISKCON**", on the International Society for Krishna Consciousness (ISKCON) founder, Abhay Charanaravinda Bhaktivedanta Swami (Srila Prabhupada).

- i. The book authored by historian Dr **Hindol Sengupta** is a biography of Abhay Charanaravinda Bhaktivedanta Swami (Srila Prabhupada) founder of the ISKCON.
  - ii. The book is published by India Penguin Ananda imprint of Penguin Random House India (**PRHI**).
- Note-** As of July 2022, VP of India is Muppavarapu Venkaiah Naidu, Jagdeep Dhankhar became Vice President of India on 11th August 2022.

**24. Who recently (in Aug '22) released the book, "A New India: Selected Writings 2014-19," a collection of articles penned by former Union Minister and BJP leader Arun Jaitley?**

- 1) Narendra Modi
- 2) Jagdeep Dhankhar
- 3) Ram Nath Kovind
- 4) M Venkaiah Naidu
- 5) Droupadi Murmu

Answer- **4) M Venkaiah Naidu**

**Explanation:**

Former Vice President of India, **M Venkaiah Naidu** released **Arun Jaitley's** book (published posthumously) titled "**A New India: Selected Writings 2014-19**", a collection of articles penned by former Union Minister and BJP leader Arun Jaitley who passed away on 24 August 2019.

- i. The book, published by Juggernaut Publication, was launched to pay tribute to Arun Jaitley on his third death anniversary on August 24, 2022.
- ii. Arun Jaitley, a senior advocate of the Supreme Court, served as the Minister of Finance and Corporate Affairs from 2014 to 2019.

**25. Name the author of the book, "Gambling on Development: Why Some Countries Win and Others Lose".**

- 1) Stefan Dercon
- 2) Dilip Abreu
- 3) Surjit Bhalla
- 4) Bina Agarwal
- 5) Yoginder K Alagh

**Answer- 1) Stefan Dercon**

**Explanation:**

Economist and Government Adviser Professor **Stefan Dercon's** insightful book "**Gambling on Development: Why Some Countries Win and Others Lose**" published by **C Hurst & Co Publishers Ltd** (5th May 2022) brings out the query why some countries have prospered and others have failed to develop.

i. He also mentioned that in the past 3 decades the developing world has undergone tremendous change by studying the development of all countries.

**26. Who authored the book, "Lies Our Mothers Told Us: The Indian Woman's Burden"?**

- 1) Yashica Dutt
- 2) Nilanjana Bhowmick
- 3) Shireen Dalvi
- 4) Ismat Ara
- 5) Jeya Rani

**Answer- 2) Nilanjana Bhowmick**

**Explanation:**

An Independent Journalist, **Nilanjana Bhowmick's** book "**Lies Our Mothers Told Us: The Indian Woman's Burden**" published by **Rupa & Co; Aleph Book Company**, on 5 July 2022.

i. This book takes a close look at gender inequality and the burdens they carried over from a very young age.

ii. Women who have fought for equal rights and won are: Savitribai Phule, Mahasweta Devi, Amrita Pritam, Medha Patkar, Kamla Bhasin, and countless others, since the 19th Century.

**27. Name the union minister who recently (in Aug '22) released the booklets & documents 'The Department of Commerce Restructuring Dossier'.**

- 1) Jitendra Singh
- 2) Anurag Singh Thakur
- 3) Narayan Tatu Rane
- 4) Dharmendra Pradhan
- 5) Piyush Goyal

**Answer- 5) Piyush Goyal**

**Explanation:**

The Union Minister of Commerce and Industry, **Piyush Goyal** had released the booklets and documents '**The Department of Commerce Restructuring Dossier**' which are being restructured to make it 'Future ready' by the Department of Commerce. It was released on 23rd August 2022 in New Delhi, Delhi.



i. The target on releasing restructuring places an ecosystem to achieve **USD 2 trillion** exports by **2030**.

**28. Who authored the book, "India's Economy from Nehru to Modi: A Brief History"?**

- 1) C. Rangarajan
- 2) Raghuram Rajan
- 3) Amartya Kumar Sen
- 4) Pulapre Balakrishnan
- 5) Arvind Subramanian

Answer- **4) Pulapre Balakrishnan**

**Explanation:**

Indian economist **Pulapre Balakrishnan** has authored a new book titled "**India's Economy from Nehru to Modi: A Brief History**". The book was published by Permanent Black.

i. It highlights the significant economic policies and development made during the British Raj (1900-1 to 1946-7), Nehruvian period (1950-1 to 1964-5) and current time.

**29. Who authored the book, "Indian Banking in Retrospect – 75 years of Independence"?**

- 1) Raja Chelliah
- 2) Sitikantha Pattanaik
- 3) Rajiv Ranjan
- 4) Ashutosh Raravikar
- 5) Ishu Thakur

Answer- **4) Ashutosh Raravikar**

**Explanation:**

Dr **Ashutosh Raravikar**, Director in Department of Economic & Policy Research (DEPR), Reserve Bank of India (RBI) authored a new book titled "**Indian Banking in Retrospect – 75 years of Independence**". The book is published by Aswad Prakashan Private Limited.

i. Bibek Debroy, Chairman of the Economic Advisory Council to the Prime Minister of India, has written the foreword of the book.

**30. Who authored the autobiography of "The Hero of Tiger Hill: Autobiography of a Param Vir"?**

- 1) Yogendra Singh Yadav
- 2) Naik Karam Singh
- 3) Jadunath Singh
- 4) Somnath Sharma
- 5) Joginder Singh Sahan

Answer- **1) Yogendra Singh Yadav**

**Explanation:**

The autobiography "**The Hero of Tiger Hill: Autobiography of a Param Vir**", is about the inspiring story of Subedar Major (Honorary Captain) **Yogendra Singh Yadav** (Retd), the Youngest Param Vir Chakra (PVC) awardee, at the age of 19 for his actions in the 1999 Kargil conflict.

i. This autobiography is published by Srishti Publishers & Distributors.

ii. The book was mainly focused on the night of July 3, 1999, 19 years old Yadav was given a crucial task with the Ghatak Platoon of 18 Grenadiers Regiment in order to capture the Tiger Hill.

# OBITUARY

**1. Fidel Valdez Ramos recently (in Aug '22) passed away. He is the former president of which country?**

- 1) Vietnam
- 2) Philippines
- 3) Indonesia
- 4) Thailand
- 5) Singapore

**Answer- 2) Philippines**

**Explanation:**

Former Philippine President **Fidel Valdez Ramos** passed away at the age of 94 years in Makati, Philippines. **Fidel Valdez Ramos** was born on March 18, 1928, in Lingayen, Pangasinan.

- i. He was a Filipino general and politician who served as the **12th President** of the **Philippines** from 1992 to 1998.
- ii. He was also popularly known as FVR and Steady Eddie.

**2. Pulitzer Prize awardee 'David Gaub McCullough' recently (in Aug '22) passed away. For which book did he win the Pulitzer Prize in 1993 for the 1st time?**

- 1) George Herbert Walker Bush
- 2) Mornings on Horseback
- 3) Truman
- 4) The Greater Journey: Americans in Paris
- 5) John Adams

**Answer- 3) Truman**

**Explanation:**

Pulitzer Prize winning American author and historian **David Gaub McCullough** passed away at the age 89 of years in Hingham, Massachusetts, United States.

- i. He won the **Pulitzer Prize** in **1993** for "**Truman**", a biography of Harry S. Truman, 33rd President of the US and again in 2002 for "John Adams", a biography of the 2nd US President.
- ii. He won the National Book Awards for "The Path Between the Seas: The Creation of the Panama Canal" in 1978 for History and "Mornings on Horseback." in 1982 for Autobiography/Biography.

**3. PV Kamaraj, an Asian Championships medalist from Tamil Nadu, Passed away recently (in Aug '22). In which sports did he win a bronze medal in the 1979 Asian Championships in Tokyo, Japan?**

- 1) Athletics
- 2) Badminton
- 3) Archery
- 4) Boxing
- 5) Shooting

**Answer- 1) Athletics**

**Explanation:**

India's Former International **Athlete PV Kamaraj**, who was a part of the 4x400m Indian men's relay team that won bronze at the 1979 Asian Championships in Tokyo, Japan, has passed away in Chennai, Tamil Nadu. He was born in Pudukkottai, Tamil Nadu.

i. PV Kamaraj has won several medals in national meets including Gold, Silver, and Bronze in 400 hurdles between 1977 and 1980.

ii. He was also a trained coach in National Institute of Sports (NIS) and coached the Tamil Nadu state team for many years.

**4. The National award-winner Shivamogga Subbanna recently (in Aug '22) passed away. He belongs to which of the following fields?**

- 1) Lyricist
- 2) Actor
- 3) Music Director
- 4) Singer
- 5) Director

Answer- **4) Singer**

**Explanation:**

The 83-year-old National award-winning **singer Shivamogga Subbanna** passed away in Bengaluru, Karnataka.

i. Shivamogga Subbanna was the **1st Kannadiga singer** to win a National Award for singing the song 'Kaadu Kudure Odi Banditta' in the film Kaadu Kudure in 1979.

ii. He is well known for his work in the field of 'Sugama Sangeetha', a genre in which a poetry in Kannada is set to music and was also a singer with Akashvani and Doordarshan.

iii. In 2009, a biography on Subbanna's life and achievements titled 'Gauravaanvita Gaayaka Subbanna' was published.

**5. India's Warren Buffett, Rakesh Jhunjhunwala recently (in Aug '22) passed away. He is the co-founded of which Indian airline?**

- 1) Go First
- 2) Akasa Air
- 3) Jet Airways
- 4) Air India
- 5) SpiceJet

Answer- **2) Akasa Air**

**Explanation:**

Billionaire business and veteran investor **Rakesh Jhunjhunwala** passed away at the age of 62 years in Mumbai, Maharashtra due to sudden cardiac arrest.

i. He was famously referred to as the "Big Bull of Dalal street", "King of Bull Market" and "Big Bull". He was also known as 'India's Warren Buffett'.

ii. Rakesh Jhunjhunwala co-founded Indian airline **Akasa Air** which took its first flight from Mumbai to Ahmedabad on August 7 2022.

**6. Amitabh Choudhary recently (in August '22) passed away. He is the former acting secretary of which organisation?**

- 1) All India Chess Federation
- 2) Board of Control for Cricket in India
- 3) Indian Hockey Federation
- 4) All India Football Federation
- 5) Badminton Association of India

**Answer- 2) Board of Control for Cricket in India**

**Explanation:**

The former Board of Control for Cricket in India (**BCCI**) acting secretary and chairman of Jharkhand State Cricket Association (JSCA), **Amitabh Choudhary** passed away at the age of 58 due to heart attack in Ranchi, Jharkhand.

**i.** He was a retired IPS officer, who served in the rank of Inspector General of Police (IGP) with the Jharkhand police. He has also served as, BCCI joint secretary, and Team India's administrative manager.

**7. Narayan, the Malayalam novelist, recently passed away (on Aug '22). For which novel did he receive the Economist Crossword Book Award in the Indian language translation category in 2011?**

- 1) Thiraskrutharude Nalea
- 2) Manasum Dhehavum Kondu Njan Ninnea
- 3) Kocharethi
- 4) Vandanam
- 5) Ooralikkudi

**Answer- 3) Kocharethi**

**Explanation:**

Renowned Malayalam novelist **Narayan** passed away at the age of 82 years due to COVID-19-related complications. He belonged to the Malayarayar tribe and is considered **Kerala's first tribal novelist**.

**i.** He was best known for his award-winning debut novel **Kocharethi** (1998), which was translated into English as 'Kocharethi: The Araya Woman' by Catherine Thankamma was published by the Oxford University Press in 2011 and won the **Economist Crossword Book Award** in the Indian language translation category for 2011.

**8. Syed Sibtey Razi recently (in Aug '22) passed away. He is the former Governor of which of the following states?**

- 1) Jharkhand
- 2) Assam
- 3) Odisha
- 4) Both 1 & 2
- 5) All 1, 2 & 3

**Answer- 4) Both 1 & 2**

**Explanation:**

Senior Indian National Congress (INC) leader and former Governor of Jharkhand & Assam, **Syed Sibtey Razi** passed away in Lucknow, Uttar Pradesh(UP).

i. He served as the Governor of **Jharkhand** from the year **2004- 2009** and as the Governor of **Assam** in **2009**.

ii. Syed Sibte Razi was elected thrice as a member of Rajya Sabha from congress. He has also served as a Member of the Legislative Council(MLC) from congress for several times.

**9. Sadananda Shetty, Chairman of the Soham Group of Companies, recently (in Aug '22) passed away. He is the former chairman of which of the following banks from 1983 to 1990?**

- 1) United Bank of India
- 2) Syndicate Bank
- 3) Vijaya Bank
- 4) Dena Bank
- 5) Allahabad Bank

Answer- **3) Vijaya Bank**

**Explanation:**

**Sadananda Shetty**, former **Vijaya Bank** chairman and founder and serving Chairman of Soham Group of Companies, passed away at the age of 85 years in Nice city, France.

i. He was the current President of Renewable Energy Developers Association of Karnataka.

ii. He served as the Chairman of Vijaya Bank, which has now merged with Bank of Baroda(BoB), from 1983 to 1990.

**10. Padma awardee and former Planning Commission member Abhijit Sen was recently (in Aug '22) passed away. In which year did he receive Padma Bhushan award for public service?**

- 1) 2013
- 2) 2010
- 3) 2012
- 4) 2011
- 5) 2014

Answer- **2) 2010**

**Explanation:**

Renowned Indian economist and a **former member** of the erstwhile **Planning Commission**, **Abhijit Sen** passed away at the age of 72 years due to heart attack in New Delhi, Delhi.

i. He was a member of the Planning Commission of India from 2004-2014.

ii. Award- In **2010**, he was awarded the **Padma Bhushan** for **public service**.

**Note-** In 2014, the Planning Commission was replaced by the newly formed National Institution for Transforming India (NITI Aayog).

**11. Oscar Award-winning animator 'Ralph Eggleston' was recently (in Aug '22) passed away. For which animated short film did he receive the Oscar Award under Best Animated Short category in 2002?**

- 1) Toy Story
- 2) For the Birds
- 3) Finding Nemo
- 4) WALL-E
- 5) Inside Out

Answer- **2) For the Birds**

**Explanation:**

Oscar Award-winning animator **Ralph Eggleston** passed away at the age of 56 years due to pancreatic cancer in California, United States of America (USA).

**i.** He was an American animator, art director, storyboard artist, writer, film director, and production designer at Pixar Animation Studios.

**ii.** Pixar's animated short film "**For the Birds**", written and directed by Ralph Eggleston won the award for Best Animated Short at the 74th Academy Awards (**Oscar Award**) in **2002**.

**iii.** Other notable works include Finding Nemo, WALL-E, Inside Out, Aladdin, The Lion King, Toy Story, and A Bug's Life.

## **IMPORTANT DAYS**

**1. When was the International Ranger Federation (IRF's) World Ranger Day 2022 observed across the globe with the theme of "DIVERSITY"?**

- 1) 28th July 2022
- 2) 30th July 2022
- 3) 27th July 2022
- 4) 31st July 2022
- 5) 29th July 2022

Answer- **4) 31st July 2022**

**Explanation:**

The International Ranger Federation (**IRF's) World Ranger Day 2022** was observed on **31st July 2022** with the theme of "**DIVERSITY**". The day was to commemorate Rangers killed or injured in the line of duty and to celebrate the work Rangers do to protect the planet's natural treasures and cultural heritage.

**i.** The first-ever World Ranger Day was observed on 31st July 2007, the 15th Anniversary of the founding of the IRF. The International Ranger Federation (IRF) was established in 1992.

**ii.** The winners of the 2022 IUCN-WCPA International Ranger Awards are: Orang National Park and Tiger Reserve Ranger Team (Orang National Park and Tiger Reserve, India)

**2. The 3rd Muslim Women Rights Day 2022 was observed across India on \_\_\_\_\_ to commemorate the enactment of the Muslim Women (Protection of Rights on Marriage) Act, 2019.**

- 1) 29th July 2022
- 2) 1st August 2022
- 3) 30th July 2022
- 4) 2nd August 2022
- 5) 31st July 2022

Answer- **2) 1st August 2022**

**Explanation:**

The **Muslim Women Rights Day 2022** was celebrated across India on **1st August 2022** to commemorate the enactment of the Muslim Women (Protection of Rights on Marriage) Act, 2019 which prohibits the practice of **Triple talaq in India**.

**i.** 1st August 2022 marks the observance of **3rd Muslim Women's Rights Day**.

ii. The Triple Talaq bill, also known as the Muslim Women (Protection of Rights on Marriage) Bill, 2019, was passed by the Indian Parliament on 30th July 2019, to make instant Triple Talaq a criminal offence. Talaq is an Islamic word for divorce, denoting dissolution of marriage when a Muslim man can sever all marital ties with his wife.

iii. The **first ever** Muslim Women Rights Day was observed on 1st August **2020**.

**3. What is the theme of the United Nations (UN)'s World Breastfeeding Week (WBW) 2022 that was observed across the globe on 1st to 7th August 2022?**

- 1) Step up for Breastfeeding: Educated and Support
- 2) Empower parents, enable breastfeeding: Now and for the future!
- 3) Support breastfeeding for a healthier planet
- 4) Breastfeeding: Foundation of Life
- 5) Protect Breastfeeding: A Shared Responsibility

**Answer- 1) Step up for Breastfeeding: Educated and Support**

**Explanation:**

The United Nations(UN)'s **World Breastfeeding Week (WBW) 2022** was observed across the globe from **1st to 7th August 2022** with the **theme** of "Step up for Breastfeeding: Educated and Support".

i. The day was celebrated to create public awareness and support for breastfeeding. The annual observance of World Breastfeeding Week is led by the World Alliance for Breastfeeding Action (WABA).

ii. World Breastfeeding Week (WBW) was first started in 1992 to generate public awareness and support for breastfeeding.

**4. When was World Lung Cancer Day 2022 observed across the globe?**

- 1) 31st July 2022
- 2) 3rd August 2022
- 3) 1st August 2022
- 4) 4th August 2022
- 5) 2nd August 2022

**Answer- 3) 1st August 2022**

**Explanation:**

**World Lung Cancer Day 2022** was observed on **1st August 2022** to spread awareness about the causes and treatment of lung cancer. The main purpose of the day is to educate people about the habits and the factors that can cause lung cancer.

i. According to the World Health Organization (**WHO**), lung cancer accounts for nearly one in five cancer deaths.

ii. Lung cancer mortality is estimated to reach 2.45 million by 2030, a 39 percent increase as compared to the last decade.

**5. When was the United Nations (UNs) International Day of Friendship 2022 observed across the globe?**

- 1) 30th July 2022
- 2) 2nd August 2022
- 3) 31st July 2022
- 4) 3rd August 2022

5) 1st August 2022

Answer- **1) 30th July 2022**

**Explanation:**

The United Nations (**UNs**) International Day of Friendship or Friendship Day 2022 was observed across the globe on **30th July 2022** to honour the friendship. The first International Friendship day was celebrated in 2011.

- In India Friendship Day is celebrated on First Sunday in the month of August.
- In 2022, Friendship day in India will be celebrated on 7th August 2022.

**i.** The International Friendship Day was started by Joyce Hall, founder of Hallmark Cards in 1930 in Paraguay.

**ii.** World's Ambassador of Friendship – In 1988, the UN appointed Winnie the Pooh as the Ambassador of Friendship.

**6. The \_\_\_\_\_ Central Reserve Police Force (CRPF) Raising Day was celebrated on 27th July 2022 across India.**

- 1) 82nd
- 2) 86th
- 3) 83rd
- 4) 80th
- 5) 84th

Answer- **5) 84th**

**Explanation:**

The Central Reserve Police Force (CRPF) annually celebrated its Raising Day on 27th July to mark the establishment of the Force. The year 2022 marked the observance of **84th CRPF Raising Day**.

**i.** The 84th Raising Day celebration was held at Shaurya Officer's Institute, Vasant Kunj, Delhi.

**ii.** The CRPF came into existence on 27 July 1939 as the 'Crown Representative Police'. After independence of India, it became the Central Reserve Police Force on the enactment of the 'CRPF Act' on 28 December 1949, which constituted the CRPF as the Armed Force of the Union.

**7. Hiroshima Day 2022 was observed across the globe on 6th August 2022 in remembrance of the world's first atomic bomb attack on Hiroshima, Japan in \_\_\_\_\_.**

- 1) 1939
- 2) 1952
- 3) 1914
- 4) 1945
- 5) 1918

Answer- **4) 1945**

**Explanation:**

**Hiroshima Day** is observed annually across Globe on 6th August in accordance to the remembrance of the world's first atomic bomb attack on Hiroshima, Japan in **1945**, at the end of World War II. **6th August 2022** marks the **77th** anniversary of the Hiroshima bombings.

**i.** On 6th August 1945, the American bomber Boeing B-29 Superfortress Enola Gay dropped 5 ton atomic bomb, that is equivalent to 15,000 tons of TNT (trinitrotoluene), named 'Little Boy' on Hiroshima, Japan.



- ii. The Little boy is an atomic bomb that weighed 9,000 pounds and 28 inches in diameter and carries a gun-type weapon with the power of 26,000,000 pounds of high explosives.
- iii. Another bomb named, 'Fat Man' was dropped on Nagasaki of Japan on 9th August 1945.

**8. When was the 8th National Handloom Day 2022 observed across India?**

- 1) 6th August 2022
- 2) 8th August 2022
- 3) 4th August 2022
- 4) 7th August 2022
- 5) 5th August 2022

Answer- 4) 7th August 2022

**Explanation:**

The **8th National Handloom Day 2022** was observed on **7th August 2022** in India to honour India's handloom-weaving community and to highlight the sector's contribution to India's socio-economic development.

- i. Every year, the **Ministry of Textiles** in India hosts an event to commemorate National Handloom Day.
- ii. The date of August 7 was chosen to honour the Swadeshi Movement, which was launched on this day in 1905 in the Calcutta Town Hall in Kolkata, West Bengal. The Government of India (GoI) designated August 7 of each year as National Handloom Day in 2015.
- iii. On August 7, 2022, the Ministry of Textiles, GoI, organized a function to commemorate National Handloom Day 2022.
  - Chief Guest – Union Minister Piyush Goyal, Ministry of Commerce & Industry, Consumer Affairs, Food & Public Distribution and Textiles.

**9. When was the International Day of the World's Indigenous Peoples (IDWIP) 2022 observed across the globe by the United Nations (UN's)?**

- 1) 7th August 2022
- 2) 5th August 2022
- 3) 8th August 2022
- 4) 6th August 2022
- 5) 9th August 2022

Answer- 5) 9th August 2022

**Explanation:**

The United Nations (UN's) International Day of the World's Indigenous Peoples (**IDWIP**) 2022 was celebrated on **9th August 2022** across the world to highlight the role of indigenous people and the importance of preserving their rights, communities and knowledge they gathered and passed down over centuries.

- i. Theme of IDWIP 2022- "The Role of Indigenous Women in the Preservation and Transmission of Traditional Knowledge." The day is also known as World Tribal day.
- ii. The first International Day of the World's Indigenous Peoples was observed on 9th August 1995.

**10. Nagasaki Day 2022 was observed across the globe on \_\_\_\_\_ to commemorate the dropping of an atomic bomb, code name called 'Fat Man' by the United States in 1945.**

- 1) 9th August 2022
- 2) 5th August 2022
- 3) 6th August 2022
- 4) 4th August 2022
- 5) 7th August 2022

**Answer- 1) 9th August 2022**

**Explanation:**

**Nagasaki Day 2022** was observed on **9th August 2022** to promote peace among nations and to create awareness about the devastating results of nuclear weapons. The day is also observed to remember innocent civilians who lost their lives in the devastation of nuclear blasts during World War II.

**i.** On 9th August 1945, the United State(US)'s Bockscar, piloted by the 393d Bombardment Squadron's commander, Major Charles W. Sweeney, dropped the plutonium bomb code name 'Fat Man' at 11.02 am the second atom bomb on Japan's Nagasaki. The copilot was Capt. Charles D. Albury.

**ii.** The bomb named 'Fat Man', which destroyed the city of Nagasaki was more powerful than the bomb 'Little Boy' used in Hiroshima on 6th August, 1945.

**11. When was World Lion Day 2022 observed across the globe?**

- 1) 6th August 2022
- 2) 9th August 2022
- 3) 7th August 2022
- 4) 10th August 2022
- 5) 8th August 2022

**Answer- 4) 10th August 2022**

**Explanation:**

**World Lion Day 2022** observed on **10th August 2022** across the globe to spread awareness about the lions and efforts for their conservation and protection. The **Lions (Panthera Leo)** supposedly wandered amiably in the jungles of Africa, Asia, Europe, and the Middle East some three million years ago.

**i.** World Lion Day was initiated by Dereck and Beverly Joubert, Co-founders of Big Cat Initiative and National Geographic in 2013. The first World Lion Day was observed in 2013.

**ii.** The "Asiatic Lion Conservation Project" was launched by the Union Ministry of Environment, Forests and Climate Change (MoEFCC). It was approved for three financial years from 2018 to 2021.

**iii.** The first Lion Census was conducted by the Nawab of Junagadh in 1936 and since 1965, the Forest Department of Gujarat regularly conducts the Lion Census every five years in India.

**12. Which of the following points are 'Incorrect' with respect to the World Biofuel Day 2022?**

**A) World Biofuel Day 2022 was observed on 10th August 2022 with the theme of Promotion of Biofuels for a Better Environment.**

**B) On the occasion of World Biofuel Day 2022, PM Narendra Modi dedicated the 2G ethanol plant in Panipat Refinery, Panipat, Haryana in India.**

**C) The 2G Ethanol Plant has been built by Indian Oil Corporation Ltd. (IOCL) at an estimated cost of around Rs 900 crore.**

- 1) Only A
- 2) Only B
- 3) Only C
- 4) Only A & B
- 5) Only B & C

Answer- **1) Only A**

**Explanation:**

World Biofuel Day 2022 was observed on **10th August 2022** with the theme of **“Biofuels towards a Carbon Neutral World”**.

**i.** On the occasion of World Biofuel Day 2022(10th August 2022), Prime Minister(PM) Narendra Modi, dedicated the 2nd generation (2G) Ethanol Plant in Panipat Refinery, Panipat, Haryana to the nation.

**ii.** The 2G Ethanol Plant has been built by Indian Oil Corporation Ltd. (IOCL) at an estimated cost of around Rs 900 crore.

**iii.** The Ministry of Petroleum and Natural Gas(MoPNG) initiated the observance of World Biofuel Day in India in 2015. 10th August was chosen to mark the day on which German inventor and mechanical engineer Sir Rudolf Christian Karl Diesel for the first time successfully ran the Diesel engine with peanut oil in 1893.

**13. When was the National Thermal Engineer Day 2022 observed to celebrate the contribution of the thermal engineers?**

- 1) 5th August 2022
- 2) 15th July 2022
- 3) 10th August 2022
- 4) 24th July 2022
- 5) 30th July 2022

Answer- **4) 24th July 2022**

**Explanation:**

**National Thermal Engineer Day 2022** observed on **24th July 2022** to celebrate the contribution of the thermal engineers. The day has been introduced to encourage the engineers who work hard and help to increase the technological growth of a nation.

**i.** July 24 was chosen as National Thermal Engineer Day since it is the hottest day of the year.

**14. When was World Elephant Day 2022 celebrated across the globe?**

- 1) 9th August 2022
- 2) 11th August 2022
- 3) 13th August 2022
- 4) 10th August 2022
- 5) 12th August 2022

Answer- **5) 12th August 2022**

**Explanation:**

**World Elephant Day 2022** was celebrated on **12 August 2022** to create awareness on elephant conservation and to share knowledge and positive solutions for the better protection and management of wild and captive elephants.

**i.** The year **2022** marks the **11th** anniversary of World Elephant Day. The **first** World Elephant Day was observed on **August 12, 2012**.

ii. World Elephant Day was started as an initiative by two Canadian filmmakers, Patricia Sims and Michael Clark of Canazwest pictures, and the Secretary General of Thailand's Elephant Reintroduction Foundation – Sivaporn Dardarananda.

**15. When was the theme of International Youth Day 2022 observed across the globe by the United Nations (UN's)?**

- 1) Transforming education
- 2) Intergenerational solidarity: creating a world for all ages
- 3) Safe Spaces for Youth
- 4) Transforming Food Systems: Youth Innovation for Human and Planetary Health
- 5) Youth Engagement for Global Action

Answer- **2) Intergenerational solidarity: creating a world for all ages**

**Explanation:**

United Nations (UN's) **International Youth Day 2022** was celebrated on **12 August 2022** with the **theme** of "Intergenerational solidarity: creating a world for all ages."

i. The day was celebrated to raise awareness regarding issues that are faced by the world's youth. The first International Youth Day was observed on 12th August 2000.

**Youth of India:**

- According to the International Labour Organization (ILO), youth make up 66% of India's total population.
- With more than 808 million of the total population below the age of 35, India has the largest number of youths in the world.

**16. When was the World Organ Donation Day 2022 observed across the globe?**

- 1) 12th August 2022
- 2) 13th August 2022
- 3) 14th August 2022
- 4) 15th August 2022
- 5) 16th August 2022

Answer- **2) 13th August 2022**

**Explanation:**

**World Organ Donation Day 2022** was observed on **13th of August 2022** to raise awareness of the need for donating organs and to thank donors for their life-saving contributions.

i. The world's first – ever organ transplantation (kidney transplantation) operation was conducted on 23rd December 1954.

ii. Dr Joseph Murray , the lead surgeon of the operation won the Nobel Prize in Physiology or Medicine in 1990. He shared the prize with Dr E. Donnall Thomas , who won the award for his work in bone marrow transplants.

**17. The International Lefthanders Day 2022 was celebrated across the globe on \_\_\_\_\_.**

- 1) 15th August 2022
- 2) 13th August 2022
- 3) 16th August 2022
- 4) 14th August 2022
- 5) 12th August 2022