



L1 Point - where satellite will face equal gravitation forces from both sun and earth

The Indian Space Research Organisation (ISRO) is preparing for its first scientific expedition to study the Sun, Aditya-L1. It would be placed into a point in space known as the L1 Lagrange point.

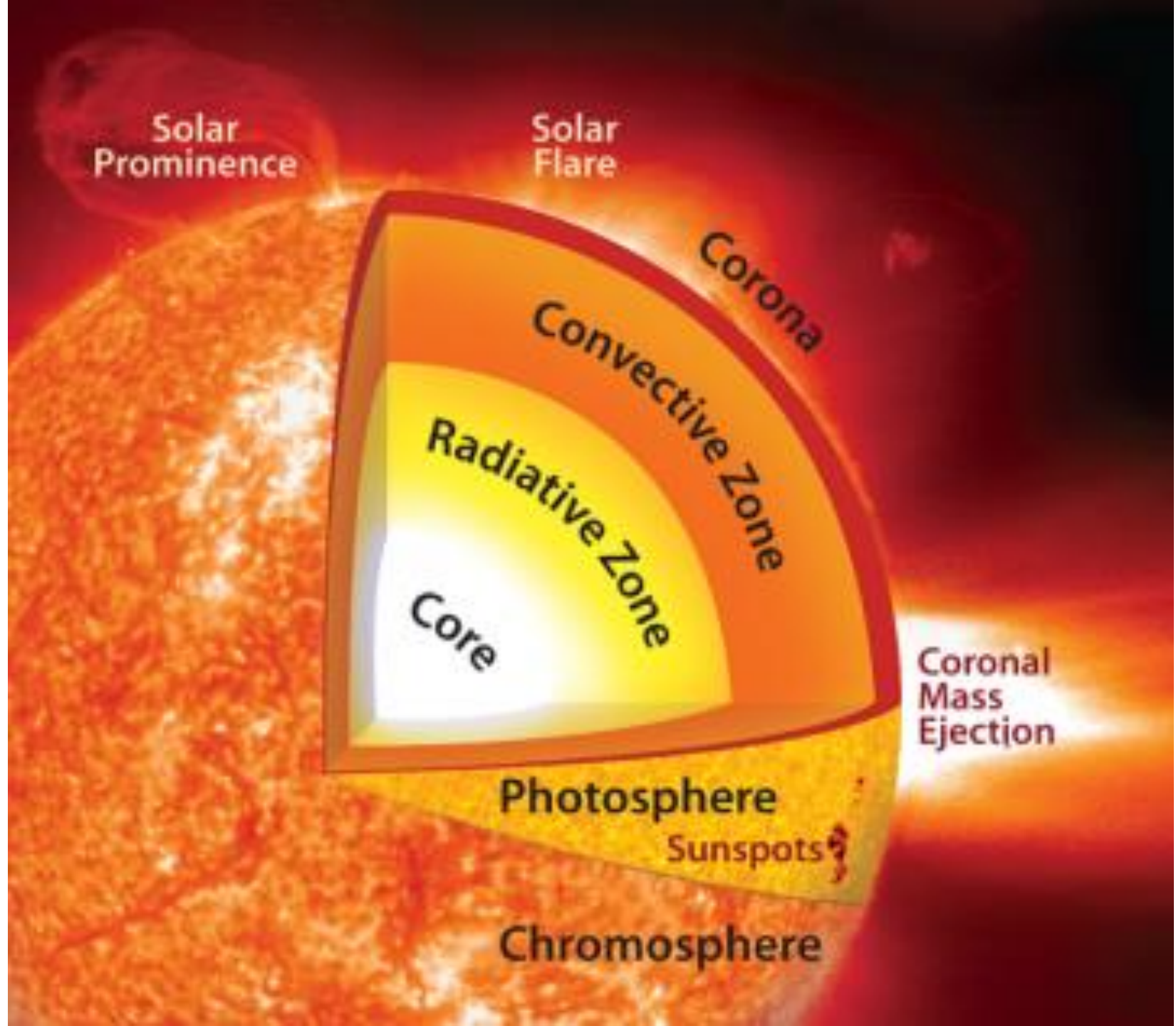
• Aditya L1 will be ISRO's 2nd space-based astronomy mission after AstroSat, which was launched in 2015.

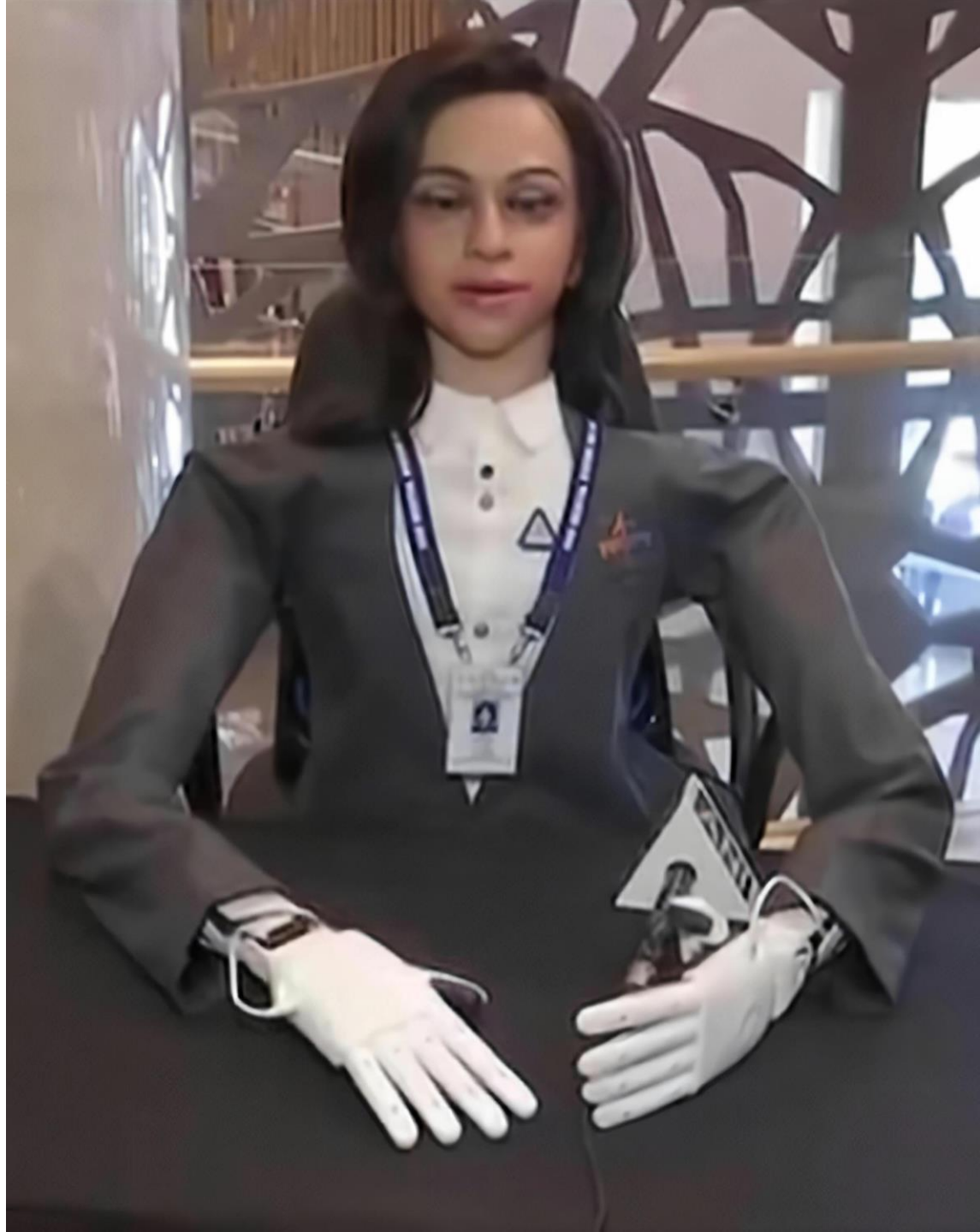
• Aditya 1 was renamed as Aditya-L1. The Aditya 1 was meant to observe only the solar corona.

AstroSat

- AstroSat, was launched in September, 2015, by PSLV-C30 from Sriharikota (Andhra Pradesh).

- It is the **first dedicated Indian astronomy mission** aimed at studying celestial sources in **X-ray, optical and UV spectral bands simultaneously**.





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SELECTION UPSC
CDS I 2023 (OTA)
Complete Batch
Start Dec 16, 2022 10 AM to 3 PM



SELECTION UPSC
CDS I 2023 (IMA, INA & AFA)
Complete Batch
Start Dec 16, 2022 10 AM to 3 PM

Q.1) Which constituency has become India's 1st complete Library constituency?

कौन सा निर्वाचन क्षेत्र भारत का पहला पूर्ण पुस्तकालय निर्वाचन क्षेत्र बन गया है?

- (1) Parassala**
- (2) Thrissur**
- (3) Dharmadam**
- (4) Eravipuram**

- The Kerala Chief Minister Pinarayi Vijayan's constituency **Dharmadam** has become the **first complete library constituency in India**.
- In his Facebook post, Vijayan said that out of the **total 138 wards** in the constituency, there were no libraries in 63 wards. Dharmadam reached the achievement with the opening of libraries in these wards too.
- Kerala** which was the **first state to achieve 100% literacy status in India** is also perhaps the only state in India that has a library in every village.

**Q.2) Who has been appointed as the new Prime Minister of Nepal?
नेपाल के नए प्रधान मंत्री के रूप में किसे नियुक्त किया गया है?**

- (1) Pushpa Kamal Dahal**
- (2) Rajendra Lingden**
- (3) Rabi Lamichhane**
- (4) Upendra Yadav**

•President **Bidya Devi Bhandari** of Nepal has appointed **Pushpa Kamal Dahal** 'Prachanda' as the **new prime minister** of Nepal on 25 December 2022.

•Prachand will become the prime minister for the third time.

•He previously held the post from 2008 to 2009, and again from 2016 to 2017.

Q.3) Who has been re-appointed as the MD & CEO of Equitas Small Finance Bank?

इक्विटास स्मॉल फाइनेंस बैंक के एमडी और सीईओ के रूप में किसे फिर से नियुक्त किया गया है?

- (1) Anshul Swami**
- (2) Ittira Davis**
- (3) PN Vasudevan**
- (4) Raj Vikash Verma**

- On 23rd December 2022, **Equitas Small Finance Bank (SFB)** has decided to extend the term of **PN Vasudevan** as Managing Director (MD) and Chief Executive Officer (CEO).
- His current term as MD, CEO will expire on **July 22, 2023**.
- The board of Bank has decided to renew his term for a further **period of 3 years** with effect from **July 23, 2023**, subject to approval from RBI.

Q.4) Indian origin Richard Verma has been elected to a top diplomatic position in –

भारतीय मूल के रिचर्ड वर्मा को किस शीर्ष राजनयिक पद के लिए चुना गया है -

- (1) Japan
- (2) UK
- (3) China
- (4) USA

• Indian-American lawyer diplomat **Richard Verma** has been nominated by US President **Joe Biden** to a **top diplomatic position** in the State Department.

• Mr Verma, 54, who served as a former **US ambassador** to **India** from January 16, 2015, to January 20, 2017 is currently the Chief Legal Officer and Head of Global Public Policy at **Mastercard**.

Q.5) Who has launched a revamped Probity Portal, "e-HRMS 2.0"?
एक संशोधित प्रोबिटी पोर्टल, "ई-एचआरएमएस 2.0" किसने लॉन्च किया है?

- (1) Kiren Rijiju
- (2) Jitendra Singh
- (3) Smriti Irani
- (4) Pralhad Joshi

• Union Minister **Jitendra Singh** has launched a revamped Probity Portal, e-HRMS 2.0 Portal and e-Books on major Initiatives/Achievements of Ministry of Personnel, PG & Pensions on 25 December 2022 on the occasion of the **Good Governance Day** in New Delhi.

• The week-long '**Governance Week**' (19-25 December 2022) celebrations with a nationwide launch of "**PrashasanGaon Ki Ore**" campaign also concluded on this day.

Q.6) Which Union Minister has launched the “Khelo India Dashboard“?

किस केंद्रीय मंत्री ने "खेलो इंडिया डैशबोर्ड" लॉन्च किया है?

- (1) Anant Kumar**
- (2) Narendra Modi**
- (3) Anurag Singh Thakur**
- (4) Uma Bharti**

- Sports **minister Anurag Thakur** on 23 December 2022 launched the '**Khelo India Dashboard**' a one-stop platform, which has all the statistical data related to the Khelo India Scheme and the Khelo India events.

Q.7) International Finance Corporation (IFC) has provided a \$400 million loan to –

अंतर्राष्ट्रीय वित्त निगम (IFC) ने \$ 400 मिलियन का ऋण प्रदान किया है -

(1) ICICI Bank

(2) SBI

(3) HDFC

(4) PNB

• World Bank's investment arm, International Finance Corporation (IFC) has provided to make a \$400 million (around ₹3,400 crore) loan to mortgage lender **HDFC Ltd**, with an aim to drive India's green housing growth.

• The capital will help HDFC boost its green affordable housing portfolio, with 75% (around \$300 million) of the proceeds earmarked for this sector.

Q.8) Swasti Singh has been honoured with the 30th Ekalabya Puraskar in 2022. She was from –
स्वस्ति सिंह को 2022 में 30वें एकलव्य पुरस्कार से सम्मानित किया गया है। वह कहां से थीं -

- (1) Odisha**
- (2) Telangana**
- (3) Andhra Pradesh**
- (4) Tamil Nadu**

- On 23rd December 2022, International cyclist **Swasti Singh** hailing from Odisha, has been honoured with the **30th Ekalabya Puraskar** for the year 2022.
- She received a cash award of **₹5 lakh**, a citation and a trophy.
- **Odisha**

Q.9) 8th edition of the “International Balloon Festival” to be held in which state?

“अंतर्राष्ट्रीय गुब्बारा महोत्सव” का 8वां संस्करण किस राज्य में आयोजित किया जाएगा?

- (1) Punjab**
- (2) Jharkhand**
- (3) Odisha**
- (4) Tamil Nadu**

- The 8th edition of the **Tamil Nadu International Balloon Festival (TNIBF)** is set to take place from 13th to 15th January 2023, at Pollachi in Coimbatore

- The event's organisers are **Global Media Box** in association with the Tamil Nadu tourism department.

Q.10) "Upgraded Inner Line Permit System" portal has been launched in which state?

"अपग्रेड इनर लाइन परमिट सिस्टम" पोर्टल किस राज्य में लॉन्च किया गया है?

- (1) Maharashtra**
- (2) Manipur**
- (3) Mizoram**
- (4) Nagaland**

- **In Manipur**, an upgraded Inner Line Permit (ILP) System portal was launched by Chief Minister **Biren Singh** on 23rd December 2022.
- It has been launched by seeing the importance of saving the indigenous people population of the state.
- The portal has been opened for **Deputy Commissioners and Labour Commissioners** of Manipur.

**Q.11) Sports Minister Anurag Singh Thakur has inaugurated the "Sports Science Centre" in –
खेल मंत्री अनुराग सिंह ठाकुर ने कहाँ "खेल विज्ञान केंद्र" का उद्घाटन किया है -**

- (1) Goa**
- (2) Maharashtra**
- (3) Karnataka**
- (4) Kerala**

- Union Minister for Youth Affairs and Sports, **Anurag Singh Thakur** has inaugurated the “**Sports Science Centre**” in Udupi, **Karnataka**.

- The government has increased the sports budget from 854 crores before 2014 to **3,100 crore rupees (2022)** and spent 2700 crore rupees to enhance sporting infrastructure as against 630 crore rupees earlier.

Q.12) Who become India's first drone company to get double certification by DGCA?

DGCA द्वारा दोहरा प्रमाणन प्राप्त करने वाली भारत की पहली ड्रोन कंपनी कौन बनी है?

- (1) Skylark Drones**
- (2) Garuda Aerospace**
- (3) TechEagle**
- (4) Teja Aerospace**

•Drone maker **Garuda Aerospace** has become the first drone startup in India to receive 'Type Certification' and 'Remote Pilot Training Organisation (RTPO)' approval by the DGCA for its indigenously designed Kisan drone.

•DGCA Type Certification is provided on the basis of quality checks of the drones and is issued after a rigorous testing process.

Q.13) Who has been honoured with a fellowship of UNESCO – World Academy of Sciences (TWAS)?
UNESCO - वर्ल्ड एकेडमी ऑफ साइंसेज (TWAS) की फेलोशिप से किसे सम्मानित किया गया है?

- (1) Herman Prit**
- (2) K.S. Rangappa**
- (3) Pramod Kabra**
- (4) Sneha Jawale**

•Former Vice-Chancellor of University of Mysore Professor **Kanchugarakoppal S. Rangappa** has been awarded a fellowship of the **World Academy of Sciences (TWAS)**, a programme unit of the **UNESCO**.

•This fellowship comes into effect from **1st January 2023**.

**Q.14) Ladakh has celebrated 'Losar Festival' to mark the Ladakhi New Year on –
लद्दाख ने लद्दाखी नव वर्ष को चिह्नित करने के लिए 'लोसर महोत्सव' मनाया है -**

- (1) 24th December**
- (2) 25th December**
- (3) 26th December**
- (4) 27th December**

- **Ladakh** has celebrated **Losar Festival** on **December 24**, to mark the **Ladakhi New Year**.
- **Ladakhi New Year** is the major socio-religious festival of **Ladakh** celebrated in winter.
- The **Losar** festivities continue for **nine more days** from the new year with the offering of prayers in the name of God and Goddess, dances and songs in honour of **Ibex** and the pilgrimage of **Mount Kailash**.

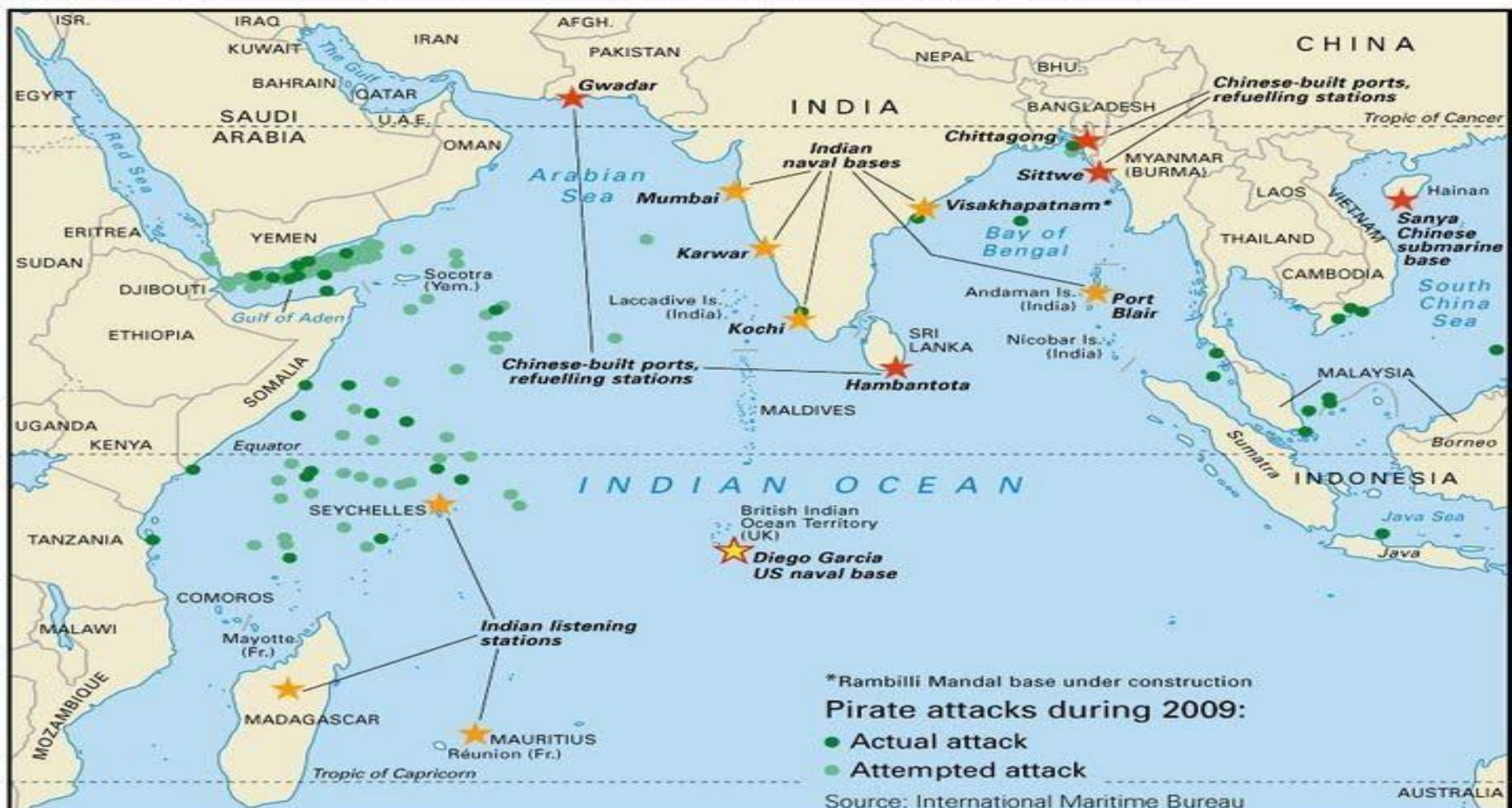
Q.15) India has observed first "Veer Bal Diwas" on –
भारत ने पहला "वीर बाल दिवस" कब मनाया है -

- (1) 24th December
- (2) 25th December
- (3) 26th December
- (4) 27th December

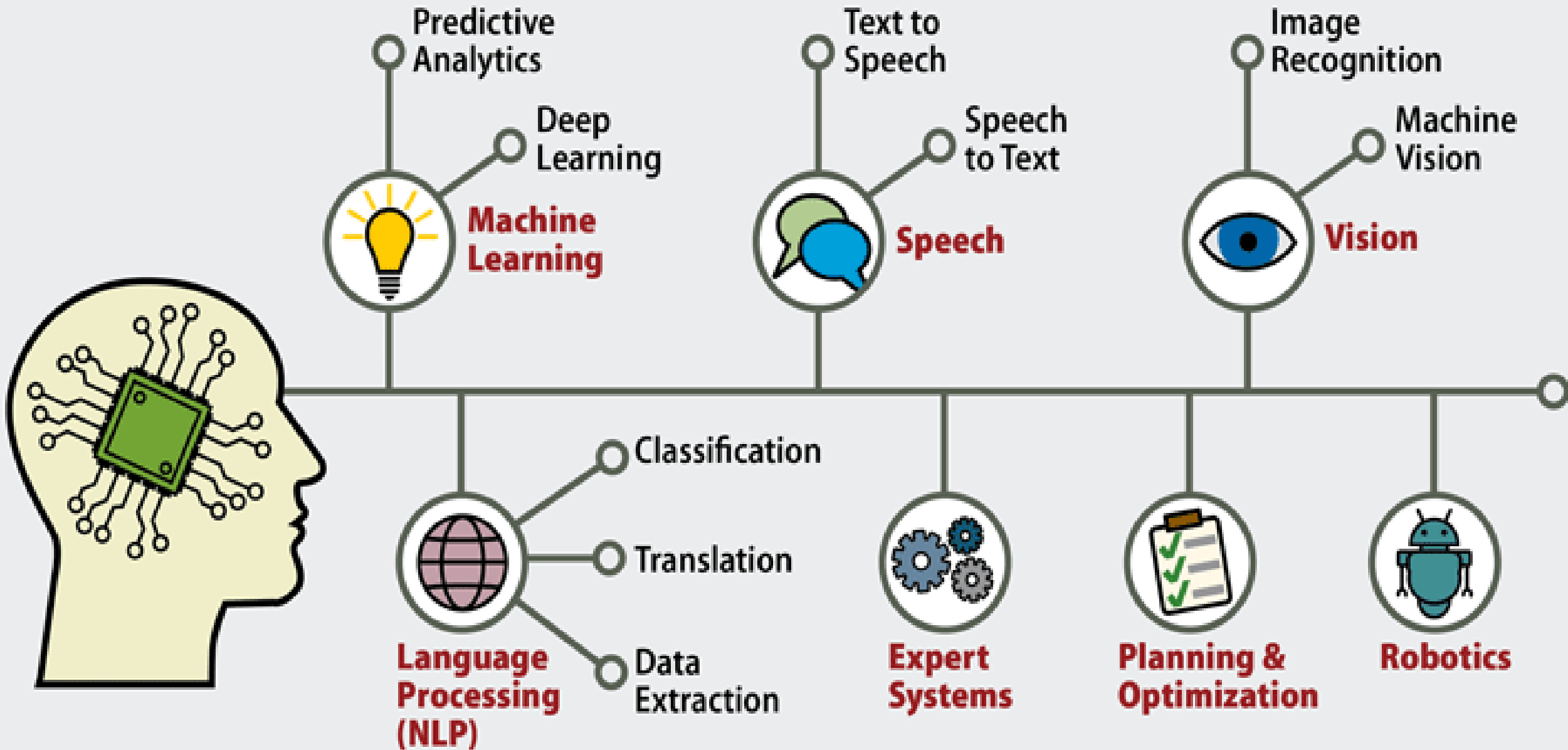
• **India** has observed first ‘**Veer Bal Diwas**’ on **December 26**, to honor the ‘**Sahibzadas**’, the four sons of **Guru Gobind Singh**.

• This day is observed to pay honor and tribute to the sacrifices made by **Sahibzada Zorawar Singh (6)** and **Sahibzada Fateh Singh (9)**, who were laid down their lives while defending their faith in Sirhind, Punjab.

GREAT POWER COMPETITION IN THE INDIAN OCEAN



Artificial Intelligence





- It describes the **action of machines accomplishing tasks** that have historically required human intelligence.
- It includes **technologies** like machine learning, pattern recognition, big data, neural networks, self-algorithms etc.
- The **origin of the concept can be traced back to Greek mythology**, although it is only during modern history when stored program electronic computers were developed.



Example: Millions of algorithms and codes are there around humans to understand their commands and perform human-like tasks.

Facebook's list of suggested friends for its users, a pop-up page, suggesting about an upcoming sale of the favourite brand of shoes and clothes, that comes on screen while browsing the internet, are the work of artificial intelligence.



- AI involves complex things such as **feeding a particular data into the machine** and making it react as per different situations.
- It is basically about **creating self-learning patterns** where the machine can give answers to the never answered questions like a human would ever do.



- India has made great strides in the development of responsible and ethical AI governance, starting with NITI Aayog's #AIForAll campaign to the many corporate strategies that have been adopted to ensure that AI is developed with common, humanistic values at its core.



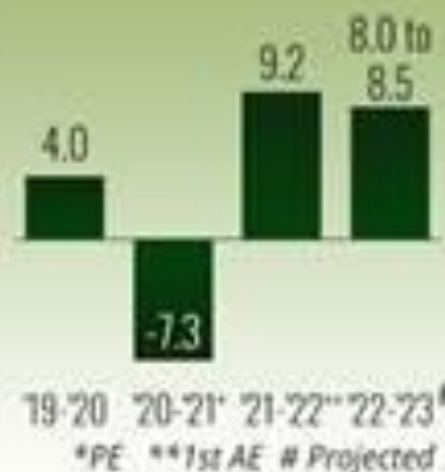
Indian Economy

A Snapshot



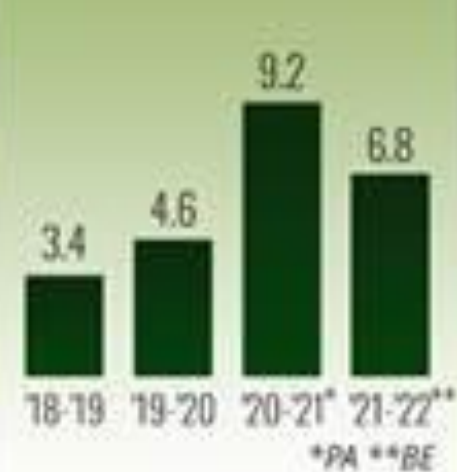
GDP Growth

At constant prices, in %



Fiscal Deficit

% of GDP



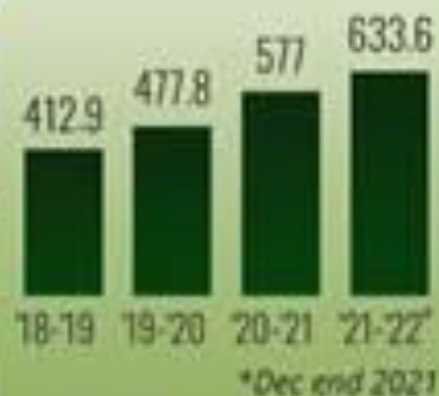
Inflation

Average, in %



Foreign Exchange Reserves

In US \$ billion, year end



Agriculture, Forestry & Fishing

Growth Rate of GVA at Basic Prices in %



Industrial Growth

Growth Rate of GVA at Basic Prices in %



Services

Growth Rate of GVA at Basic Prices in %



The Agriculture sector experienced buoyant growth in the past two years, accounting for a sizable 18.8% (2021-22) in Gross Value Added (GVA) of the country registering a growth of 3.6% in 2020-21 and 3.9% in 2021-22.



Minimum Support Price (MSP) policy is being used to promote crop diversification.

Net receipts from crop production have increased by 22.6% in the latest Situation Assessment Survey (SAS) compared to the SAS Report of 2014.

Allied sectors including animal husbandry, dairying and fisheries are steadily emerging to be high growth sectors and major drivers of overall growth in the agriculture sector.

The Livestock sector has grown at a CAGR of 8.15% over the last five years ending 2019-20.

Government facilitates food processing through various measures of infrastructure development, subsidised transportation and support for formalisation of micro food enterprises. India runs one of the largest food management programmes in the world.

Government has further extended the coverage of the food security network through schemes like PM Gareeb Kalyan Yojana (PMGKY)

Q.1) Who has bagged the Sahitya Akademi Award 2022 for his novel, "Khwab Saraab"?

अपने उपन्यास "ख्वाब साराब" के लिए साहित्य अकादमी पुरस्कार 2022 किसे मिला है?

- (1) Anis Ashfaq**
- (2) Shahnaz Bashir**
- (3) Fazlul Haque**
- (4) Andaleeb Wajid**

- The **Sahitya Akademi Award** has been given by the central government for the best literature of every year.
- Accordingly, the central government has announced the Sahitya Akademi Award for literature on **December 22**.
- The award has been given in **23 languages**.
- Prof Badri Narayan** has won the award for his collection of poems 'Tumadhi ke Shabd'.
- Anis Ashfaq** has bagged the prestigious Sahitya Akademi Award 2022 for his Urdu novel, 'Khwab Saraab'.

Q.2) Which Indian has become 12th highest-paid female athlete in the world?

कौन सी भारतीय दुनिया की 12वीं सबसे ज्यादा कमाई करने वाली महिला एथलीट बन गई है?

- (1) PV Sindhu**
- (2) Mary Kom**
- (3) Sania Mirza**
- (4) Mithali Raj**

- India's badminton star **PV Sindhu** is the only Indian player in the top 25 in Forbes' annual list of the highest-paid female athletes in the world.
- Sindhu, the 2016 Tokyo Olympics silver medalist, is ranked 12th in the list, which is topped by Japanese tennis star **Naomi Osaka**.
- The 27-year-old Sindhu, who won the singles gold and doubles silver at the Commonwealth Games in Birmingham earlier this year, earned \$7 million out of her total earnings of \$7.1 million.

Q.3) Anurag Singh Thakur has inaugurated the “National level Kabaddi championship” in –

अनुराग सिंह ठाकुर ने "राष्ट्रीय स्तर की कबड्डी चैंपियनशिप" का उद्घाटन किया है -

- (1) Karnataka**
- (2) Maharashtra**
- (3) Delhi**
- (4) Odisha**

• Union Minister for Youth Affairs and Sports, **Anurag Singh Thakur** has inaugurated the **National level Kabaddi championship** in Udupi in **Karnataka** on December 24 to commemorate the birthday of former Prime Minister **Atal Bihari Vajpayee**.

• The winner will get the **Atal Trophy** and prize money of **Rs one lakh**.

Q.4) Which company has contributed ₹10,000 crore to the Indian GDP in 2021?

किस कंपनी ने 2021 में भारतीय जीडीपी में 10,000 करोड़ रुपये का योगदान दिया है?

- (1) Google**
- (2) YouTube**
- (3) Amazon**
- (4) TATA**

- **YouTube's** creative ecosystem contributed over Rs 10,000 crore to the Indian GDP and supported more than 750,000 full-time equivalent jobs in the country in 2021.
- In India, over 4,500 channels had over 10 lakh subscribers and the number of YouTube channels in India making Rs 1 lakh or more in their annual revenue increased by over 60 per cent year-over-year in 2021.

Q.5) Indian Railway will launch "Amrit Bharat Station Scheme" to modernise how many small stations?

भारतीय रेलवे कितने छोटे स्टेशनों को आधुनिक बनाने के लिए "अमृत भारत स्टेशन योजना" शुरू करेगी?

- (1) 750 stations**
- (2) 1,000 stations**
- (3) 1,200 stations**
- (4) 1,250 stations**

- The Indian Railway will launch the “Amrit Bharat Station Scheme” under which **1000** small but important stations will be modernized.
- This scheme is different from the ambitious plan to revamp 200 big stations under a separate redevelopment programme.

Q.6) Which Union Minister has launched "Right to Repair" portal?
किस केंद्रीय मंत्री ने "राइट टू रिपेयर" पोर्टल लॉन्च किया है?

- (1) Droupadi Murmu
- (2) Rajnath Singh
- (3) Piyush Goyal
- (4) Narendra Modi

•On the National Consumer Rights day the Union Food and Consumer Affairs Minister **Piyush Goyal** launched a host of new initiatives including the **Right to Repair** portal in **New Delhi** on 24 December 2022.

•In the 'right to repair' portal, manufacturers will share the manual of product details with customers so that they can either repair by self, by third parties, rather than depend on original manufacturers.

Q.7) Ministry of Petroleum has organized a concert 'Dance to Decarbonize' in which city?

पेट्रोलियम मंत्रालय ने किस शहर में 'डांस टू डीकार्बोनाइज' संगीत कार्यक्रम का आयोजन किया है?

- (1) Mumbai**
- (2) New Delhi**
- (3) Jamshedpur**
- (4) Odisha**

- The Petroleum and Natural Gas Ministry has organised a one of its kind musical event, “Dance to Decarbonise“, National Stadium in **New Delhi** on 23rd December 2022.

- The Ministry has informed that the renewable energy generated through dance will be used to charge electric vehicles.

Q.8) 10th edition of the “North East Festival” has been organised at "नॉर्थ ईस्ट फेस्टिवल" के 10वें संस्करण का आयोजन किया गया है -

- (1) Agartala
- (2) Guwahati
- (3) Delhi
- (4) New Delhi

- The 10th Edition of the North East Festival began at the Jawaharlal Nehru Stadium in **New Delhi** on December 23. And concluded on 26th December.
- Union Minister of MSME Narayan Rane inaugurated this four-day Festival.
- Aim: to promote the diverse life, culture, traditions and tourism of the North East region
- The first seven editions were held at IGNCA, Janpath, **New Delhi** from 2013 to 2019 respectively.

Q.9) Sania Mirza to become India's first Muslim female fighter pilot. She was from –

सानिया मिर्जा भारत की पहली मुस्लिम महिला फाइटर पायलट बनेंगी। वह कहाँ से थी -

- (1) Uttarakhand**
- (2) Uttar Pradesh**
- (3) Bihar**
- (4) Odisha**

- **Sania Mirza** from Mirzapur, UP, has been selected as a **fighter pilot** in the **Indian Air Force**.
- She will become the **first Muslim girl fighter pilot in India** and the **first IAF pilot from Uttar Pradesh**.
- She cleared the **National Defence Academy (NDA)** exam and secured **149th rank**. Only two seats were reserved for women in fighter pilot.

**Q.10) 7-year-old Geto Sora has won the Top Arena Junior International Badminton Championship title. He was from –
7 वर्षीय गेटो सोरा ने टॉप एरिना जूनियर इंटरनेशनल बैडमिंटन चैंपियनशिप का खिताब जीत लिया है। वह वहां से था -**

- (1) Assam**
- (2) Meghalaya**
- (3) Tripura**
- (4) Arunachal Pradesh**

• **Arunachal Pradesh's** 7-year-old **Geto Sora** has won the **Top Arena Junior International Badminton Championship** title in the below 9 years category.

• He won the Championship title after beating Malaysian **Jaryl Teh** in the final played at **Kuala Lumpur Malaysia** on 23 December 2022.

• The **Top Arena Junior International Badminton Championship** was held in **Kuala Lumpur** from 19-23 December 2022.

Q.1) “26th National Youth festival 2023” will be held in –
“26वां राष्ट्रीय युवा उत्सव 2023” कहाँ आयोजित किया जाएगा –

(1) Kerala

(2) Telangana

(3) Karnataka

(4) Odisha

- **Karnataka** Chief Minister **Basavaraj Bommai** has announced on 21 December 2022 that the **26th National Youth festival 2023** will be held in the twin cities of **Hubballi-Dharwad**.

- The chief minister said that the National Youth Festival will be inaugurated by Prime Minister **Narendra Modi** on **12 January 2023**.

- The National Youth Festival is organised by the **Union Ministry of Youth Affairs and Sports**, in collaboration with one of the State Governments.

Q.2) India's first ever World Table Tennis (WTT) Star Contender series event will be host by –

भारत की पहली विश्व टेबल टेनिस (WTT) स्टार कंटेंडर श्रृंखला की मेजबानी किसके द्वारा की जाएगी?

- (1) Panaji**
- (2) Coimbatore**
- (3) Chennai**
- (4) Mysuru**

• **Panaji**, capital of Goa will host India's first ever **World Table Tennis (WTT) Star Contender series event from 27-February to 5th March 2023** at the **Shyama Prasad Mukherjee Indoor Stadium, Goa University campus.**

• The event will be hosted by **Stupa Analytics Company**, in association with the Goa government and the Table Tennis Federation of India.

Q.3) Which Indian has been nominated for United World Wrestling 2022 Rising Star of the Year award?

यूनाइटेड वर्ल्ड रेसलिंग 2022 राइजिंग स्टार ऑफ द ईयर अवार्ड के लिए किस भारतीय को नामांकित किया गया है?

- (1) Naveen Malik**
- (2) Antim Panghal**
- (3) Bajrang Punia**
- (4) Sarita Mor**

• Indian women's wrestler **Antim Panghal** has been nominated for **United World Wrestling 2022 Rising Star of the Year** award.

• Japan's **Nonoka Ozaki**, USA's **Amit Elor**, Sweden's **Emma Malmgren** and **Andreea Ana** of Romania are the other in the five-woman nominees list for the **United World Wrestling 2022 Rising Star of the Year** award.

Q.4) Rabindranath Tagore Literary Prize 2021-22 has been jointly won by Sudeep Sen and _____.
रवींद्रनाथ टैगोर साहित्य पुरस्कार 2021-22 को सुदीप सेन और _____ ने संयुक्त रूप से जीता है।

- (1) Hemant Pandey
- (2) Nirmal Pandey
- (3) Prasoon Joshi
- (4) Shobhana Kumar

•The prestigious Rabindranath Tagore Literary Prize 2021-22 has been jointly won by Sudeep Sen and **Shobhana Kumar**.

- Sudeep Sen has been recognised for Anthropocene: Climate Change, Contagion, Consolation (Pippa Rann Books & Media, 2021).
- While, Shobhana Kumar for her haibun collection A Sky Full of Bucket Lists (Red River, 2021).

Q.5) Which Indian media has secured the exclusive media rights to broadcast the Olympic Games Paris 2024?

किस भारतीय मीडिया ने ओलंपिक खेलों पेरिस 2024 के प्रसारण के लिए विशेष मीडिया अधिकार हासिल किए हैं?

- (1) Viacom18**
- (2) MediaGuru**
- (3) NDTV**
- (4) ABP Network**

- The International Olympic Committee (IOC) has announced that **Viacom18** Media Private Limited (Viacom18) has secured the exclusive media rights to broadcast the **Olympic Games Paris 2024**.

Q.6) Who has been appointed as the Chairperson of New Delhi International Arbitration Centre (NDIAC)?

नई दिल्ली अंतर्राष्ट्रीय मध्यस्थता केंद्र (NDIAC) के अध्यक्ष के रूप में किसे नियुक्त किया गया है?

- (1) Hemant Gupta**
- (2) Rajkumar Ranjan**
- (3) Laxmi Singh**
- (4) Neeti Dwivedi**

- The Appointments Committee of the Cabinet has approved the appointment of former Supreme Court (SC) Justice, **Hemant Gupta** as the new Chairperson of New Delhi International Arbitration Centre (NDIAC).

Q.7) Which state/UT government has decided to introduce pre lunch 'mini snack' break in schools?

किस राज्य / केन्द्र शासित प्रदेश सरकार ने स्कूलों में प्री लंच 'मिनी स्नैक' ब्रेक शुरू करने का फैसला किया है?

- (1) Ladakh**
- (2) Delhi**
- (3) Haryana**
- (4) Punjab**

- **Delhi** government has decided to introduce **mini snack breaks** to battle malnutrition in **children**.
- According to a circular by the Directorate of Education (DoE), schools have been directed to include a **10-minute mini snack break** in the school timetable.
- The mini break should be **5 hours before the lunch break**.

Q.8) The 1st Bekal International Beach Festival has been started in

पहला बेकल इंटरनेशनल बीच फेस्टिवल कहाँ शुरू किया गया है -

(1) Goa

(2) Karnataka

(3) Kerala

(4) Odisha

- **Kerala** government is the host of the 1st Bekal International Beach Festival from 24 Dec – 2 Jan 2022 at the Spice Coast, in the far north of Kerala.

- **Aim:** To revitalise the district's development by showcasing its potential.



Q.9) Which song has become India's first song to be shortlisted for Oscars?

कौन सा गाना ऑस्कर के लिए शॉर्टलिस्ट होने वाला भारत का पहला गाना बन गया है?

- (1) Naatu Naatu**
- (2) Kesariya**
- (3) Varaha Roopam**
- (4) Manike**

- RRR's filmmakers are overjoyed as they move closer to the Oscars.
- The infectiously popular song '**Naatu Naatu**' from the hit Telugu film has been nominated for an Oscar in 2023.
- As a result, Naatu Naatu has become the **first Indian song** to be nominated for an Academy Award.

**Q.10) Which Indian movie has been shortlisted for the “International Feature Film” category in Oscar 2023?
ऑस्कर 2023 में किस भारतीय फिल्म को "अंतर्राष्ट्रीय फीचर फिल्म" श्रेणी के लिए चुना गया है?**

- (1) KGF**
- (2) Chhello Show**
- (3) RRR**
- (4) Bahubali**

- **Chhello Show**, directed by Pan Nalin, is a Gujarati-language coming-of-age story about a young boy's love affair with a film in a Saurashtra hamlet.

- The film, produced by Siddharth Roy Kapur and Dheer Momaya, is on the international feature film shortlist.

**Q.11) Which Indian movie has been shortlisted for the “Documentary short film category” in Oscar 2023?
ऑस्कर 2023 में किस भारतीय फिल्म को "वृत्तचित्र लघु फिल्म श्रेणी" के लिए चुना गया है?**

- (1) All That Breathes**
- (2) The Elephant Whisperers**
- (3) The Last Film Show**
- (4) Nothing Is Los**

- The **Elephant Whisperers'**, directed by Kartiki Gonsalves, has been shortlisted in the Best Documentary Short Film category.

- Four Indian films have been nominated in different categories in Oscar 2023 which also includes All That Breathes for the documentary feature film category.

Q.12) Which institution released the '2022 in Nine Charts' report?
किस संस्था ने '2022 इन नाइन चार्ट्स' रिपोर्ट जारी की?

(1) IEA

(2) UNEP

(3) World Bank

(4) IMF

- The **World Bank** released a report titled '2022 in Nine Charts', in which it said that the world is in its steepest slowdown since 1970 and **685 million people** could be living in extreme poverty by the end of 2022.

Q.13) Suhel Ajaz Khan has been appointed as India's new ambassador to –

सुहेल एजाज खान को भारत के नए राजदूत के रूप में नियुक्त किया गया है -

- (1) Kuwait**
- (2) Oman**
- (3) Saudi Arabia**
- (4) Egypt**

- The Government of India has appointed senior diplomat **Suhel Ajaz Khan** as India's new ambassador to **Saudi Arabia**.
- Suhel Ajaz Khan is a 1997-batch Indian Foreign Service officer and is presently serving as Indian ambassador to **Lebanon**.
- Khan worked at the Indian Embassy in Riyadh between September 2017 and June 2019 as Deputy Chief of Mission.

Q.14) Tata Group has appointed whom as the chief of its low cost airline business?

टाटा समूह ने अपनी कम लागत वाली एयरलाइन व्यवसाय के प्रमुख के रूप में किसे नियुक्त किया है?

- (1) Samir Sharma**
- (2) Jawahar Reddy**
- (3) Taranjit Singh**
- (4) Alope Singh**

- **Tata Group** has appointed **Aloke Singh** as the **Chief** of its **low cost airline business** from **1 January 2023**.

- The **Low Cost Carrier** business will comprise **AirAsia India** and **Air India Express**.



Q.15) Who has received first prize in 3rd ASEAN India Grassroots Innovation Forum?

तीसरे आसियान इंडिया ग्रासरूट इनोवेशन फोरम में प्रथम पुरस्कार किसे मिला है?

- (1) Pitambar Sethi**
- (2) Bhaskar Reddy**
- (3) Rajeeva Laxman**
- (4) Shalini Kumari**

• **Shalini Kumari** from India received first prize in the Grassroots Innovation Competition at the 3rd ASEAN India Grassroots Innovation forum for her innovation 'Modified walker with adjustable legs'.

• The first prize winner from India Ms Shalini Kumari at the forum, a resident of Patna in Bihar; she was first recognized by the National Innovation Foundation (NIF) – India.

Q.16) India's first human space flight 'H1 mission' under the Gaganyaan mission will be launched by –
गगनयान मिशन के तहत भारत की पहली मानव अंतरिक्ष उड़ान 'H1 मिशन' किसके द्वारा शुरू की जाएगी -

- (1) 2023
- (2) 2024
- (3) 2025
- (4) 2026

- **Gaganyaan**, India's first human space mission, is set to launch in **2024**.

- Minister **Jitendra Singh** stated in a written response to a question in the Lok Sabha that the unmanned '**G1 mission**' will launch in the fourth quarter of 2023, the second unmanned '**G2 mission**' will launch in the second quarter of 2024, and the final human space flight '**H1 mission**' will launch in the **fourth quarter of 2024**.

Q.17) "Winter Solstice Day 2022" was observed on –
"विंटर सोलस्टाइस डे 2022" कब मनाया गया -

- (1) 20th December
- (2) 21st December
- (3) 22nd December
- (4) 23rd December

- **December 22** is a day of great events, as it marks the **Winter Solstice**.
- Also known as **December solstice**, hiemal solstice or hibernal solstice, the event takes place when one of the Earth's pole is tilted away from the sun at its maximum distance.
- Apparently, this causes the day to have the shortest period of daylight due to being away from the sun, with the longest night of the year.

Q.18) "National Consumer Rights Day" is observed every year on –
"राष्ट्रीय उपभोक्ता अधिकार दिवस" हर साल मनाया जाता है -

- (1) 24th December
- (2) 25th December
- (3) 26th December
- (4) 27th December

- **National Consumer Rights Day** is observed every year on **December 24**.
- The National Consumer Rights Day was observed for the **first time in 1986** under the Consumer Protection Act.
- In 2019, the **Consumer Protection Act 1986** was revised. Later, the Ministry of Consumer Affairs, Food and Public Distribution announced the CPA 2019 bill put to effect on July 20, 2020.

Q.1) Who has become the Most Expensive player of the IPL history?

आईपीएल इतिहास का सबसे महंगा खिलाड़ी कौन बना है?

- (1) Sam Curran**
- (2) Chris Morris**
- (3) Shakib al Hasan**
- (4) Kane Williamson**

- England all-rounder **Sam Curran** became the Indian Premier League's (IPL) **most expensive ever buy** in the players' auction held on 23 December 2022.
- The **Punjab Kings** bought Sam Curran for **Rs 18.5 crore** (\$2.23 million) following a bidding war involving the Chennai Super Kings and Mumbai Indians.
- Curran, who was player-of-the-series in England's T20 World Cup triumph in Australia this year, previously featured for the Punjab Kings in 2019.

Q.2) Who will lead India at the “FIH Odisha Hockey Men’s World Cup 2023”?

"FIH ओडिशा हॉकी मेन्स वर्ल्ड कप 2023" में भारत का नेतृत्व कौन करेगा?

- (1) Amit Rohidas**
- (2) Harmanpreet Singh**
- (3) Manpreet Singh**
- (4) Birendra Lakra**

- **Hockey India** has announced Dragflicker **Harmanpreet Singh** as the captain of the **Indian men's Hockey team** for the **FIH Odisha Hockey Men's World Cup 2023**.

- **Amit Rohidas** has been named as the **vice-captain** of the squad.

- The team coach is **Graham Reid**.

- The **FIH Men's Hockey World Cup** is held **every four years** and the 2022 event was postponed to 2023 due to the corona pandemic.

**Q.3) Which city has the Highest Crypto Adoption in India?
भारत में किस शहर में सबसे ज्यादा क्रिप्टो एडॉप्शन है?**

(1) Delhi

(2) Mumbai

(3) Bangalore

(4) Lucknow

- **Delhi** has the highest crypto adoption in India, measured in terms of value invested, as per the annual investor report by crypto investing platform CoinSwitch.

- Delhi at 7.87 per cent, Bangalore at 4.87 per cent and Hyderabad at 3.27 percent were the metro cities with the highest crypto adoption.

Q.4) Which state/UT has granted 'Industry status' to its Tourism sector?

किस राज्य / केन्द्र शासित प्रदेश ने अपने पर्यटन क्षेत्र को 'उद्योग का दर्जा' दिया है?

- (1) Goa**
- (2) Assam**
- (3) Gujarat**
- (4) Uttarakhand**

- The **Assam** State Cabinet led by CM Himanta Biswa Sarma has approved the proposal for grant of **Industry Status** to the **tourism sector** in the state.

- Aim:** To boost investments and generate employment.

- The industry status, fresh investments in tourism infrastructure, permanent in nature, will contribute towards rapid employment generation, public-private partnership and development.

**Q.5) 1st bilateral air combat exercise “Veer Guardian” will be conduct in January 2023 between India and –
भारत और – के बीच जनवरी 2023 में पहला द्विपक्षीय हवाई युद्ध अभ्यास “वीर गार्जियन” आयोजित किया जाएगा।**

- (1) Palestine**
- (2) Japan**
- (3) Yemen**
- (4) South Korea**

• **India** and **Japan** will organise their maiden bilateral air combat exercise, “**Veer Guardian 2023**” from January 16 to 26 at Hyakuri air base and Iruma air base in **Japan**.

• **Reason:** To promote the mutual understanding and strengthen defence cooperation between the Air Forces and enhance JASDF’s tactical skill.

Q.6) Sitiveni Rabuka has been appointed as the Prime Minister of –
सित्वेनी राबुका को किस देश का प्रधान मंत्री नियुक्त किया गया है -

- (1) Fiji
- (2) Malaysia
- (3) Belgium
- (4) New Zealand

- **Sitiveni Rabuka** has been elected as **Fiji's** new **Prime Minister**, the country's parliament announced on 24th December 2022.
- Rabuka, is the leader of the People's Alliance, a political party in Fiji formed in 2021.



Q.7) Who has been appointed as the MD & CEO of SBI Funds?
एसबीआई फंड्स के एमडी और सीईओ के रूप में किसे नियुक्त किया गया है?

- (1) Shamsheer Singh
- (2) Alok Singh
- (3) Hemant Gupta
- (4) Neeti Dwivedi

- **Shamsher Singh** has been appointed as the MD & CEO of SBI Funds Management Limited (SBIFML).
- Prior to this role, he served as the Deputy MD of State Bank of India.
- He had joined SBI as probationary officer in June 1990.

**Q.8) Who has received the “VinFuture Prize 2022”?
“विनफ्यूचर प्राइज 2022” किसे प्राप्त हुआ है?**

- (1) Rajwinder Bhatti**
- (2) Dinesh Shukla**
- (3) Pradeep Thalappil**
- (4) Raja Ramanna**

- Renowned researcher and Madras IIT Professor, **Pradeep Thalappil** has received the **VinFuture Prize 2022** instituted by the **VinFuture Prize Council** to honour breakthrough research projects.
- He has been awarded the ‘Special Prize dedicated to Innovators from Developing Countries’ for his development of a low-cost filtration system to remove arsenic and other heavy metals from groundwater.

Q.9) Suman Sinha, commonly known as PM Sinha, passed away. He was former Chairman of –
सुमन सिन्हा, जिन्हें आमतौर पर पीएम सिन्हा के नाम से जाना जाता है, का निधन हो गया। वे इसके पूर्व अध्यक्ष थे -

- (1) Infosys
- (2) Samsung
- (3) Coca Cola
- (4) PepsiCo

- The former chairman of PepsiCo India, **Suman Sinha**, commonly known as **PM Sinha**, passed away on 21st December 2022.
- He started his career from **Hindustan Lever Ltd (HLL, later HUL)**.
- He served as the chairman of **PepsiCo India** between 1992 and 2002.
- He was also credited with launching bottled water brand **Aquafina** in India.

Q.10) Which state has approved the “Warehousing and Logistic Policy 2022”?

किस राज्य ने "वेयरहाउसिंग एंड लॉजिस्टिक पॉलिसी 2022" को मंजूरी दी है?

- (1) Uttar Pradesh**
- (2) Karnataka**
- (3) Gujarat**
- (4) Madhya Pradesh**

•In light of the world economy's growth of new technologies, the Uttar Pradesh government has adopted the **Uttar Pradesh Warehousing and Logistics Policy-2022**, which will assist the state in reaching a **one-trillion-dollar economy**.

•The decision was made during a cabinet meeting on December 22, 2022.

Q.11) Who has been awarded with the “Best Globally Competitive Power Company of India“?

"भारत की सर्वश्रेष्ठ वैश्विक प्रतिस्पर्धी पावर कंपनी" से किसे सम्मानित किया गया है?

- (1) POWER GRID**
- (2) NTPC Limited**
- (3) NHPC Limited**
- (4) Tata Power**

•The government of India owned company **NHPC Limited** has been awarded as Winner of ‘Best Globally Competitive Power Company of India – Hydropower and Renewable Energy Sector’ at PRAKASHmay ‘15th Enertia Awards 2022’.

•**S. Sahi**, Executive Director, NHPC received the award on behalf of NHPC at a glittering function held at New Delhi Institute of Management, New Delhi on 22nd December 2022.

Q.12) Which company has got approval from the central government for nasal vaccines in India?

भारत में नाक के टीके के लिए किस कंपनी को केंद्र सरकार से मंजूरी मिली है?

- (1) Bharat Biotech**
- (2) Pfizer**
- (3) Leefore**
- (4) Biochem**

- The government of India on 23 December 2022 has allowed the use of **Bharat Biotech's nasal COVID-19 vaccine** as a booster dose.
- The vaccine will be offered to people of 18 years and above.
- The vaccine will be available initially at the private hospitals and can be booked on the **CoWIN** app from 23 December 2022.

Q.13) Who has been awarded with the "BBC Sports Personality of the Year 2022"?

"बीबीसी स्पोर्ट्स पर्सनैलिटी ऑफ द ईयर 2022" से किसे सम्मानित किया गया है?

- (1) Ben Stokes**
- (2) Lewis Hamilton**
- (3) Emma Raducanu**
- (4) Beth Mead**

- **Beth Mead** has been awarded the BBC Sports Personality of the Year for 2022 as she was the player of the tournament and top scorer at Euro 2022.
- Beth Mead defeated **Germany** in the finals at Wembley to win England's first major women's football trophy.
- The 27-year-old competed against **Ben Stokes** and **Ronnie O'Sullivan** for the BBC Sports Personality of the Year for 2022 award.

Q.14) Which state government has tied up with Austin University for the construction of Smart City of Knowledge?

स्मार्ट सिटी ऑफ नॉलेज के निर्माण के लिए किस राज्य सरकार ने ऑस्टिन यूनिवर्सिटी के साथ करार किया है?

- (1) Uttar Pradesh**
- (2) Odisha**
- (3) Uttarakhand**
- (4) Rajasthan**

- **Uttar Pradesh** Government has signed an MoU with the US-based **Austin University** for the construction of a **smart city of knowledge**.

- As per the announcement, the Smart City of Knowledge will be built in the state at a **total cost of USD 42 billion**.

Q.15) Which country has blacklisted 16 Indian pharmacy and pharma companies?

किस देश ने 16 भारतीय फार्मसी और फार्मा कंपनियों को ब्लैकलिस्ट किया है?

- (1) China**
- (2) Sri Lanka**
- (3) Nepal**
- (4) Argentina**

- **Nepal's** drug regulatory authority has blacklisted 16 Indian pharmaceutical companies, including Divya Pharmacy which manufactures Patanjali products.

- The authority stated that the companies failed to comply with the World Health Organisation's (WHO) drug manufacturing standards.

Q.16) UNSC has adopted the first ever resolution on which country?

UNSC ने किस देश पर पहला प्रस्ताव अपनाया है?

- (1) Ukraine**
- (2) Myanmar**
- (3) Sri Lanka**
- (4) Argentina**

•The United Nations Security Council has adopted its first ever resolution on Myanmar in 74 years to demand an end to violence and urge the military junta to release all political prisoners, including ousted leader Aung San Suu Kyi.

•Aung San Suu Kyi, 77, has been a prisoner since the army toppled her government almost two years ago and violently cracked down on dissent.

Q.17) Which company is the title sponsor of Maharashtra Open tennis tournament?

कौन सी कंपनी महाराष्ट्र ओपन टेनिस टूर्नामेंट की टाइटल स्पॉन्सर है?

- (1) Jio**
- (2) Tata Motors**
- (3) Infosys**
- (4) Bharti Airtel**

- Automobile major **Tata Motors** has announced that **Tata Safari** will be the **official partner** for the **Maharashtra Open tennis tournament**.

- This is **South Asia's only ATP 250 tournament**, which is scheduled to be held in **Pune**.

- Tata Motors committed itself as the title sponsor for the **fifth** consecutive year.

**Q.18) Priyanka Sharma has become the first female to drive a Government Bus in –
प्रियंका शर्मा सरकारी बस चलाने वाली पहली महिला बनी हैं -**

- (1) Andhra Pradesh**
- (2) Madhya Pradesh**
- (3) Karnataka**
- (4) Uttar Pradesh**

- **Priyanka Sharma** has become the **first female to drive a Government Bus in Uttar Pradesh.**
- She was among the **26 women drivers** who were hired by **Uttar Pradesh State Road Transport Corporation (UPSRTC).**
- Priyanka said that her **husband passed away** early into her marriage due to excessive drinking and she had the sole responsibility of raising her two children.

**Q.19) Which country has been elected as a member of the UN's
Peacebuilding Commission?**

**संयुक्त राष्ट्र के शांति निर्माण आयोग के सदस्य के रूप में किस देश को
चुना गया है?**

- (1) Thailand**
- (2) Singapore**
- (3) Philippines**
- (4) Nepal**

- **Nepal** has been elected a member of the **Peacebuilding Commission (PBC)** at the 56th plenary meeting of the United Nations General Assembly for a tenure of two years.
- The membership will be effective from **1st January 2023**.
- This offers Nepal an opportunity to enhance the country's visibility in the world arena as a peacebuilder and peace contributor.

Q.20) In India, "Good Governance Day" is observed annually on –
भारत में, "सुशासन दिवस" प्रतिवर्ष मनाया जाता है -

- (1) 23rd December
- (2) 24th December
- (3) 25th December
- (4) 26th December

- In India, **Good Governance Day (Sushasan Divas)** is observed annually on **25th December**.
- On this day nation celebrates the birth anniversary of **Bharat Ratna** and former-Prime Minister **Atal Bihari Vajpayee**.
- The **aim** to observe this day is to let the students and citizens of the country know about the duties and responsibilities of the government they need to fulfil.

The annual Conference of Parties (COP) of UNFCCC concluded its 27th edition at Sharm El Shiekh, Egypt.

What is COP?

According to IPCC report 2018, CO₂ emissions needed to be cut 45% by 2030, compared to 2010 levels in order to meet the targets of the Paris Agreement.

- The Conference of Parties (COP) is the apex decision-making body of the United Nations Climate Change Framework Convention (UNFCCC).

•Objective

- To review the national communications and emission inventories submitted by Parties.
- To assess the effects of the measures taken by Parties and the progress made in achieving the objective of the Convention
- The COP meets every year, unless the Parties decide otherwise.
- The first conference (COP1) was held in **1995 in Berlin**.
- The COP meets in **Bonn**, the seat of the secretariat, unless a Party offers to host the session.

UNFCCC

- The UNFCCC was formed in 1994 to stabilize greenhouse gas emissions and to protect the earth from the threat of climate change.
- The participants at COPs are signatories to the UNFCCC and have been meeting every year since 1995.
- At present, the UNFCCC has 198 members.
- It is one of the three Rio Conventions – Others are Convention on Biological Diversity (CBD), United Nations Convention to Combat Desertification (UNCCD).

TIMELINE OF CLIMATE CHANGE CONFERENCES

1992

Earth summit in Rio
UNFCCC is opened for
signature along with Rio
Conventions, UNCBD
and UNCCD

1995

COP 1 Berlin
First Conference of
the Parties (COP)
took place

1997

Kyoto Protocol
To reduce the
emission of
Greenhouse gases

2001

Marrakesh Accords
Rules for implementing
KP, setting up funding
instruments & tech
transfer

2012

CMP 8, Doha
Extended the Kyoto
Protocol till 2020 &
set legally binding
targets

2007

COP 13, Bali Roadmap
For implementing the
Convention through long
term cooperative action
beyond 2012

2005

MOP 1, Montreal
Kyoto Protocol entered
into force & the 1st
meeting of Parties
took place

2013

COP 19, Warsaw
Adopted Green Climate
Fund, Warsaw Framework
for REDD+, International
Mechanism for Loss &
Damage

2015

COP 21, Paris
To limit global warming
to below 2°C pre-
industrial level,
preferably to 1.5°C

2021

COP 26, Glasgow
Rulebook for
implementing the Paris
Agreement is to be
finalised

2022

COP 27, Sharm el-
Sheikh
Agreed to establish a
Loss and Damage
Fund



- The G20 was formed in 1999 in the backdrop of the financial crisis of the late 1990s that hit East Asia and Southeast Asia in particular.
- It aims to secure global financial stability by involving middle-income countries.
- Together, the G20 countries include 60% of the world's population, 80% of global GDP, and 75% of global trade.
- Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, the United Kingdom, the United States and the EU.

- SCO is a **permanent intergovernmental international organization**.
- It's a **Eurasian political, economic and military organization** aiming to maintain **peace, security and stability** in the region.
- It was created in 2001.
- The SCO Charter was signed in 2002, and entered into force in 2003.

- Prior to the creation of SCO in 2001, **Kazakhstan, China, Kyrgyzstan, Russia and Tajikistan** were members of the **Shanghai Five**.
- Shanghai Five (1996) emerged from a series of border demarcation and demilitarization talks which the four former Soviet republics held with China to ensure stability along the borders.
- Following the **accession of Uzbekistan to the organization in 2001, the Shanghai Five was renamed the SCO.**
- **India and Pakistan became members in 2017.**

- On 17th September, 2021, it was announced that **Iran would become a full member of the SCO.**
- **Membership:**
 - Kazakhstan, China, Kyrgyzstan, Russia, Tajikistan, Uzbekistan, India, Pakistan and Iran.



- The **Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)** is a regional multilateral organisation.
- Its members lie in the littoral and adjacent areas of the Bay of Bengal constituting a contiguous regional unity.
- Out of the 7 members,
 - Five are from South Asia –
 - Bangladesh
 - Bhutan
 - India
 - Nepal
 - Sri Lanka
 - Two are from Southeast Asia –
 - Myanmar
 - Thailand

'Mauna Loa

Scientists and researchers have alarmed the residents of Hawaii Island as the world's largest active volcano 'Mauna Loa' is at risk of eruption.

The Mauna Loa volcano:

- It is the **World's largest active Volcano** in the Island of Hawaii in the U.S. state of Hawaii in the Pacific Ocean.
- The volcano makes up **51%** of the Hawaii Island landmass.

Eruption of the world's largest active volcano 'Mauna Loa



'Mauna Loa

- It is an **active shield volcano** with relatively gentle slopes, with a volume estimated at 18,000 cubic miles (75,000 km³).
- Lava eruptions from Mauna Loa are **silica-poor and very fluid**, and they tend to be non-explosive.
- It last erupted in **1984** which led to destruction on the Island.

'Mauna Loa

What is Shield Volcano?

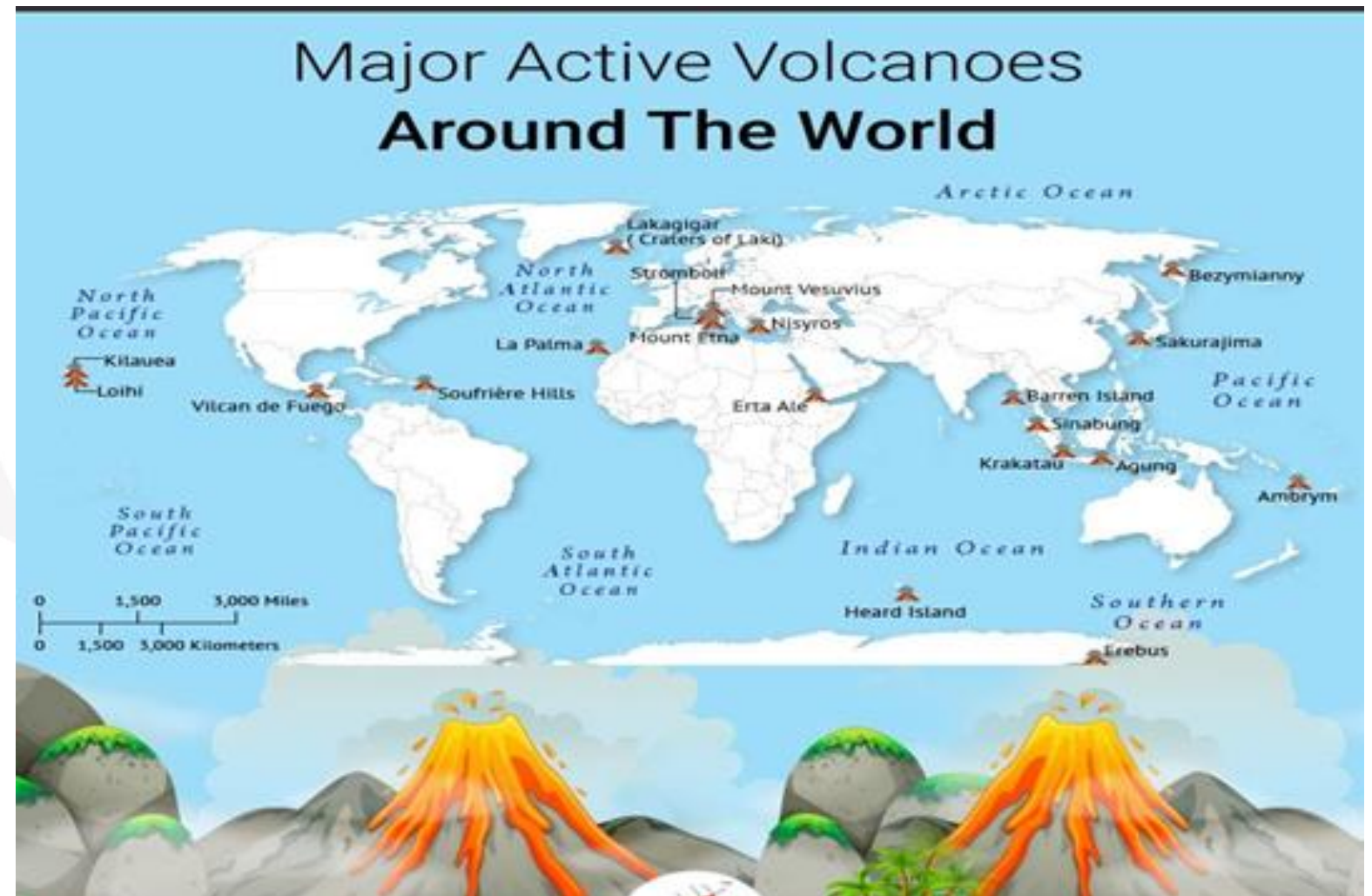
•A shield volcano is a broad volcano with sloping sides that is formed mainly out of runny lava that flows out of its central summit vent.

•**Examples of Shield Volcanoes:** are Mauna Loa on the Island of Hawaii, Wolf volcano on the Galapagos Islands, and Nyamuragira in the Democratic Republic of Congo.

Characteristics:

- Basaltic magma, is high in temperature, very low on silica, and with low gas content.
- Basic lava, which is non-acidic and very runny.
- Gentle sides as the lava flow for long distances before it solidifies.
- No layers, as the volcano just consists of lava.

Eruption of the world's largest active volcano 'Mauna Loa



Prime Minister Narendra Modi inaugurated the Narmada canal that will bring water to Kutch from the Narmada Sarovar dam in south Gujarat.

- The Narmada, the **largest Westward** flowing river, rises near the **Amarkantak** range of mountains in **Madhya Pradesh**.
- It is the **fifth largest river** in the country and the largest one in Gujarat.
- It traverses **Madhya Pradesh, Maharashtra, and Gujarat** and meets the **Gulf of Cambay**.
- The total length of the river from source to sea is **1312 kilometers(815 miles)**.

PM Modi inaugurates Narmada canal



Narmada canal and branches

- This project will cover Saurashtra, Kachchh as well as parts of North Gujarat (Ahmedabad, Mehsana, Banaskantha, Sabarkantha, and Panchmahal).

Need for the initiative

- To boost the agricultural sector.
- To expand the dairy industry.

Why Kutch is strategic for Gujarat?

- Kutch had the **largest cement plants** in the world.
- It stood second in the world in **welding pipe manufacturing**.
- Also holds the world's second-largest **textile plant** and it also houses Asia's first **Special Economic Zone (SEZ)** at Mundra.
- Kandla and Mundra** ports handle 30% of India's cargo, and the district produces 30% of the **country's salt**.
- Kutch produces 2,500 MW of power from **solar and wind energy**.

Sardar Sarovar Project:

- **The Project** is one of the largest water resources projects of India covering four major states – Maharashtra, Madhya Pradesh, Gujrat, and Rajasthan.
- The dam's spillway discharging capacity (30.7 lakhs cusecs) would be the third highest in the world.
- The Narmada Main Canal would be the **largest irrigation canal** in the world.

High-grade lithium has been discovered in Nigeria.

High-grade lithium:

- The Geological Agency described the lithium as high grade because what's been found has between 1-13 per cent oxide content.



Lithium:

- Lithium is a chemical element with symbol **Li** and atomic number **3**.

- It is a soft, silvery-white alkali metal.

- Under standard conditions, it is the lightest metal and the **lightest solid element**.

- Lithium is highly reactive and flammable, and is stored in mineral oil.

Lithium:

- Due to its solubility as an ion, it is present in ocean water and is commonly obtained from brines.
- Lithium metal is isolated electrolytically from a mixture of lithium chloride and potassium chloride.

Lithium Triangle:

- Lithium Triangle is an intersection of **Chile, Bolivia and Argentina**, known for high quality salt flats.
- Salar de Uyuni in Bolivia, Salar de Atacama in Chile and Salar de Arizaro in Argentina contains over 45%of known global lithium reserves.
- Beneath Salar de Uyuni, the world's largest salt flat lays the world's greatest lithium deposits.

Nigeria's latest lithium find



Adda

Q.1) Which city will host the 36th Asian Wrestling Championships in 2023?

2023 में 36वीं एशियाई कुश्ती चैंपियनशिप की मेजबानी कौन सा शहर करेगा?

- (1) Hyderabad**
- (2) Mumbai**
- (3) New Delhi**
- (4) Kolkata**

- **The United World Wrestling (UWW) announced on 20 December 2022 that the 36th Asian Wrestling Championships 2023 will be held in New Delhi, India from 28 March to 2 April 2023.**
- **New Delhi** will be hosting the event for the 7th time.
- **The first edition of the Asian Wrestling Championships in 1979 was also held in India with Jalandhar as the host city. Mumbai hosted it once in 1987.**

Q.2) What is India's rank in the "2022 Social Progress Index"?
"2022 सामाजिक प्रगति सूचकांक" में भारत की रैंक क्या है?

- (1) 66th**
- (2) 87th**
- (3) 94th**
- (4) 110th**

- The Institute for Competitiveness released the annual **2022 Social Progress Index (SPI)** which was published by **Social Progress Imperative**.
- India** secured a global rank of **110** with score of 60.19 in Tier 4 countries.
- The index is topped by **Norway** with a score of 90.74 in Tier-1 countries (high income countries).
- Norway was followed by **Denmark (90.54)**, **Finland (90.46)**.
- South Sudan** ranked at the bottom, at 169th, with a score of 30.65.

Q.3) As per Arton Capital Passport Index 2022, Which state topped in terms of citizens with passports?

आर्टन कैपिटल पासपोर्ट इंडेक्स 2022 के अनुसार, पासपोर्ट वाले नागरिकों के मामले में कौन सा राज्य शीर्ष पर है?

- (1) Kerala**
- (2) Tamil Nadu**
- (3) Maharashtra**
- (4) Karnataka**

- According to Arton Capital Passport Index 2022, **Kerala** tops the country in terms of **citizens with passports**.
- As per the interactive and real-time ranking tool maintained by Arton Capital, Indians can enjoy visa-free travel to 22 countries.
- Only **Kerala and Maharashtra** have over one crore passport holders each, **Tamil Nadu** is really close with 97 lakh.
- **Andaman and Nicobar Islands** has the least number of passport holders (4,316).

**Q.4) Who becomes first nominated MP to Vice-chairman panel in Rajya Sabha?
राज्यसभा में उप-सभापति पैनल के लिए पहले मनोनीत सांसद कौन बने हैं?**

- (1) Hima Das**
- (2) PT Usha**
- (3) PV Sindhu**
- (4) Chanu Mirabai**

- Rajya Sabha Chairman Jagdeep Dhankhar has nominated legendary former athlete and MP **PT Usha** to the panel of **Vice chairpersons** in the Upper House.

- This is the **first time** that a **nominated member** has been appointed to the panel of Vice Chairman of Rajya Sabha.

- Along with her, YSRC MP **Vijay Sai Reddy** has also been nominated.

Q.5) Which state government has launched the “Drink From Tap” project?

किस राज्य सरकार ने “ड्रिंक फ्रॉम टैप” परियोजना शुरू की है?

- (1) Tamil Nadu**
- (2) Kerala**
- (3) Andhra Pradesh**
- (4) Odisha**

- **Odisha** Chief Minister Naveen Patnaik on 21st December, launched a 24×7 piped drinking water project 'Drink from Tap' in 19 cities.
- About 5 lakh people in these cities will be benefited from the project.
- Puri was the first town where the Drink from Tap facility was launched. In Gopalpur too, the second city in the state, 100 per cent of people have access to the Drink from Tap system.

Q.6) India have how many sites on the UNESCO tentative list as of December 2022?

भारत में दिसंबर 2022 तक यूनेस्को की अस्थायी सूची में कितने स्थल हैं?

- (1) 40 sites**
- (2) 49 sites**
- (3) 52 sites**
- (4) 55 sites**

•52

•Gujarat's Vadnagar town, Sun Temple at Modhera, and the rock cut sculptures of Unakoti in Tripura have been added to the tentative list of UNCESO World Heritage Sites.

•The UNESCO tentative list is an “inventory of those properties which each State Party intends to consider for nomination”.

Q.7) What is the name of India's 1st Green steel brand launched by Jyotiraditya Scindia?

ज्योतिरादित्य सिंधिया द्वारा शुरू किए गए भारत के पहले ग्रीन स्टील ब्रांड का नाम क्या है?

- (1) Kalyani Ferresta**
- (2) Zeremis**
- (3) HBIS group**
- (4) Iberdrola**

- **Jyotiraditya Scindia** (Steel Minister) has launched the India's first Green Steel Brand '**KALYANI FeRRESTA**' in New Delhi on 20th December 2022.

- This first-of-its-kind steel was manufactured by a Pune-based Steel company, **Kalyani group**.

- It was manufactured by using renewable energy resources, leaving zero carbon footprints in the environment.

Q.8) Who has launched the “ATL Marathon 2022-23” innovation challenge?

"एटीएल मैराथन 2022-23" नवाचार चुनौती किसने शुरू की है?

(1) RBI

(2) SEBI

(3) NITI Aayog

(4) ISRO

- **Atal Innovation Mission (AIM), NITI Aayog** called for 'ATL Marathon 2022-23'.
- It is an innovation challenge under AIM's Atal Tinkering Labs program.
- The theme for this edition of ATL Marathon is 'India's G20 Presidency'.

Q.9) Indian Navy has launched 'INS Arnala', first ship of ASW SWC Project at –
भारतीय नौसेना ने ASW SWC प्रोजेक्ट का पहला जहाज 'INS अर्नाला' लॉन्च किया है -

- (1) Kochi
- (2) Chennai
- (3) Mumbai
- (4) Kolkata

• **Indian Navy** has launched 'Arnala', first ship of ASW SWC Project at Kattupalli, **Chennai**.

• This ship built by **Garden Reach Shipbuilders & Engineers (GRSE)**.

• The contract for building eight ASW SWC ships was signed between Defence Ministry and GRSE, Kolkata in April 2019.

Q.10) Who has been appointed as the Chairperson of the Atomic Energy Regulatory Board (AERB)?

परमाणु ऊर्जा नियामक बोर्ड (AERB) के अध्यक्ष के रूप में किसे नियुक्त किया गया है?

- (1) Anil Kakodkar**
- (2) Raja Ramanna**
- (3) Satya Murthy**
- (4) Dinesh Kumar Shukla**

- Senior nuclear scientist, **Dinesh Kumar Shukla** has been appointed as the chairperson of the **Atomic Energy Regulatory Board (AERB)** for a period of **three years**.

- He has succeeded **Nageswara Rao** to the top post.

- Prior to this role, he has been the executive director of the **AERB**.

Q.11) Which of the following has won the Platinum Icon in the Digital India Awards 2022?

निम्नलिखित में से किसने डिजिटल इंडिया अवार्ड्स 2022 में प्लेटिनम आइकन जीता है?

- (1) Smart Cities Mission**
- (2) Skill India Mission**
- (3) AMRUT Mission**
- (4) UDAY Scheme**

- The **Smart Cities Mission**, Ministry of Housing & Urban Affairs has won the **Platinum Icon** at the **Digital India Awards 2022**.

- Reason:** for their effort “DataSmart Cities: Empowering Cities via Data”.

- The prize was announced in the ‘Data Sharing and Use for Socio-Economic Development’ category.

Q.12) Which country has partnered with PTC India for the supply of power from the Indian power market?

किस देश ने भारतीय बिजली बाजार से बिजली की आपूर्ति के लिए पीटीसी इंडिया के साथ साझेदारी की है?

- (1) China**
- (2) Japan**
- (3) Bangladesh**
- (4) Bhutan**

- **Bhutan**, through Druk Green Power Corporation, has entered into a deal with PTC India to purchase power from the Indian power market during the dry winter season.

- Bhutan will soon begin acquiring up to 600 MW of power from the Indian power market through PTC.

Q.13) Which institution released the report titled 'Coal 2022: Analysis and Forecast to 2025'?

किस संस्था ने 'कोयला 2022: विश्लेषण और 2025 का पूर्वानुमान' शीर्षक से रिपोर्ट जारी की?

(1) World Bank

(2) IEA

(3) UNEP

(4) FAO

- The **International Energy Agency (IEA)** published research titled ‘Coal 2022: Analysis and Forecast to 2025’.
- According to the analysis, global coal consumption is expected to reach an all-time high in 2022, driven mostly by coal power expansion in India, the European Union (EU), and, to a lesser extent, China.

Q.14) Gross collection of Direct Taxes has registered a growth of what percent in FY2022-23?

वित्त वर्ष 2022-23 में प्रत्यक्ष करों के सकल संग्रह में कितने प्रतिशत की वृद्धि दर्ज की गई है?

- (1) 25.90%**
- (2) 24.90%**
- (3) 23.90%**
- (4) 27.90%**

- The **Gross collection of Direct Taxes** has registered a growth of **25.90%** which stood at Rs 13,63,649 crore in the financial year 2022-23.
- The Gross collection in the corresponding period stood at Rs 10,83,150 cr.
- The **Net Direct tax collection** for FY 2022-23 stood at **11,35,754 crore rupees**, registering a growth of 19.81%.

Q.15) What is the annual growth of Note in Circulation (NiC) as per 2nd December 2022?

2 दिसंबर 2022 तक नोट इन सर्कुलेशन (NiC) की वार्षिक वृद्धि क्या है?

(1) 7.98%

(2) 8.54%

(3) 8.67%

(4) 9.32%

- Finance Minister **Nirmala Sitharaman** has informed that **Note in Circulation (NiC)** has witnessed an annual growth of **7.98%** to **Rs 31.92 lakh crore** as of December 2, 2022.

- The demand for currency depends upon several macroeconomic factors, including economic growth and the level of interest rates.

Q.16) Which is the only university in India to get an A grade by NAAC?

NAAC द्वारा A ग्रेड प्राप्त करने वाला भारत का एकमात्र विश्वविद्यालय कौन सा है?

- (1) Delhi University**
- (2) Maharshi Dayanand University**
- (3) Guru Nanak Dev University**
- (4) Chandigarh University**

- The **Guru Nanak Dev University**, Amritsar, Punjab has become the **first University in India** to get **A grade** by scoring **3.85** in **National Assessment and Accreditation Council (NAAC)**
- The National Assessment and Accreditation Council (NAAC) was established in **1994** as an autonomous institution of the University Grants Commission (UGC) with its Headquarter in Bengaluru.

Q.17) Government of India has set a target of production of _____ tonnes of Nutri Cereals in FY 2022-23.

भारत सरकार ने वित्त वर्ष 2022-23 में _____ टन पोषक अनाज के उत्पादन का लक्ष्य रखा है।

- (1) 190 lakh tonnes
- (2) 195 lakh tonnes
- (3) 200 lakh tonnes
- (4) 205 lakh tonnes

- The **Government of India** has set a target of production of **205 lakh tonnes** of **Nutri Cereals** in the country by 2022-23.
- This information was given by the Union Minister of State for Consumer Affairs, Food and Public Distribution, **Sadhvi Niranjana Jyoti** in a written reply to a question in Lok Sabha on 21 December 2022.

Q.18) Which state government has prepared a 15-point strategy to reduce road accidents?

किस राज्य सरकार ने सड़क दुर्घटनाओं को कम करने के लिए 15 सूत्रीय रणनीति तैयार की है?

- (1) Assam**
- (2) Uttarakhand**
- (3) Haryana**
- (4) Rajasthan**

- The **Haryana government** has decided to opt for a 15-point strategy to reduce road accidents by 20% in a year.
- It includes fixing of illegal road cuts on highways made by dhaba and petrol pump owners and keeping a watch on illegal liquor vends on roads.

Q.19) Rajwinder Singh Bhatti has been appointed as the DGP of which state?

राजविंदर सिंह भट्टी को किस राज्य का DGP नियुक्त किया गया है?

- (1) Haryana**
- (2) Uttar Pradesh**
- (3) Bihar**
- (4) Madhya Pradesh**

- The 1990-batch IPS officer, **Rajwinder Singh Bhatti** (57) was appointed as the **new director general of police (DGP)** of **Bihar**.
- He had earned fame for ensuring the arrest of the then strongman and former Siwan MP **Md Shahabuddin** in November, 2005.
- Bhatti is currently on the central deputation and posted as **ADG (East Command), Seema Suraksha Bal**.

Q.20) IMF has approved "Program Monitoring with Board Involvement (PMB)" for –
IMF ने "बोर्ड इनवॉल्वमनेट (PMB) के साथ कार्यक्रम की निगरानी" को मंजूरी दी है -

- (1) Srilanka
- (2) India
- (3) Bangladesh
- (4) Ukraine

- **International Monetary Fund (IMF)** has approved a four-month **'Program Monitoring with Board involvement (PMB)'** for war-hit **Ukraine**.
- The program is **aimed** at maintaining economic stability following Russia's invasion of the country, and helping promote donor financing.