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1) INDIA'S LARGEST TIGER RESERVE TO BE SET UP IN DAMOH DISTRICT OF MADHYA PRADESH.

- The central government has issued a notification approving the proposal to merge the Noradehi Sanctuary with the R Durgavati Sanctuary of the Damoh district, creating a vast tiger reserve spanning ????? square kilometers.
- The reserve, which will be located in the Damoh district's Jabera sector, is expected to increase tourism and development in the area.
- MS Uikey, Damoh's Forest Divisional Officer, highlights the importance of the tiger reserve in protecting the existing tiger population of 16. The merger is expected to not only provide a safe refuge for these gorgeous beasts, but also to attract other tigers to the region, increasing its total conservation value.
- The Forest Department is working hard to get the tiger reserve put up. This innovative project is highly anticipated, with intentions to open it to the public in the next two to three months.
- The tiger population "part report" was published to mark the 50th anniversary of Project Tiger in April 2023.

PROJECT TIGER

Project Tiger was launched in 1973 by then Prime Minister Indira Gandhi after tiger

numbers became worryingly low in the country.

- Project Tiger has been the largest species conservation initiative of its kind in the world. The field implementation of the project, protection and management in the designated reserves is done by the project States.
- Project Tiger has been converted into a statutory authority (NTCA) by providing enabling provisions in the Wild Life (Protection) Act, 1972 through an amendment, viz. Wild Life (Protection) Amendment Act, 2006

PROMINENT TIGER RESERVES IN MADHYA PRADESH

- Kanha Tiger Reserve: Known for its dense forests and a safe haven for tigers and leopards.
- Bandhavgarh National Park: Famous for its high density of tigers and ancient fort ruins.
- Pench Tiger Reserve: Celebrated for its teak forests and straddles the border with Maharashtra.
- Satpura Tiger Reserve: Unique for its varied terrain, from deep valleys to high plateaus.



- Panna Tiger Reserve: A conservation success story, having revived its tiger population from near extinction.

Q&A section

1. As of today, how many tiger reserves are there in India?

a) 54 b) 52 c) 56 d) 58

Ans a)

2. Replace (?????) in the first paragraph with the correct answer:-

a) 2650 b) 2300 c) 1998 d) 2024

Ans b)

3. Among the following Tiger Reserves, which one has the largest area under "Critical Tiger Habitat"?

a) Corbett b) Ranthambore
c) Nagarjunsagar-Srisailam
d) Sunderbans

Ans c)

4. Which was the first tiger reserve in India?

a) Jim Corbett Tiger Reserve
b) Kanha Tiger Reserve
c) Nagarjunsagar - Srisailam Tiger Reserve
d) Pench Tiger Reserve

Ans a)

5. What is the scientific name of the Royal Bengal Tiger?

a) Panthera tigris tigris
b) Panthera tigris
c) Panthera pardus
d) Panthera leo persica

Ans a)

2) INDIAN IMMUNOLOGICAL (IIL) HAS LAUNCHED MEASLES AND RUBELLA VACCINE 'MABELLA'.

- Vaccine maker Indian Immunologicals Ltd (IIL) on Saturday launched its measles and rubella (MR) vaccine – Mebella – for children.
- The live attenuated MR vaccine has been developed by Indian Immunologicals Ltd through an exclusive partnership with Vietnam's ???????.
- Mabella is a two-dose injectable vaccine. While the first dose has to be administered at (?1)months of age, the second shot has to be given at the age of (?2) months.
- The vaccine was rolled out after extensive human clinical trials that

proved its safety and efficacy and is aimed at addressing the urgent need to control the deadly measles and rubella virus that claims the lives of over one lakh children globally every year.

Q&A SECTION

1. Which Institute from Vietnam has partnered to develop the vaccine?

- a) Polyvac Institute.
- b) Hanoi university
- c) Duy Tan University
- d) Can Tho University

Ans a)

2. Where are the headquarters of Indian Immunologicals Limited (IIL) located?

- a) Mumbai
- b) Delhi
- c) Bengaluru
- d) Hyderabad

Ans a)

3. Which was India's first safe Vero-cell rabies vaccine?

- a) Abhayrab
- b) DTaP (Daptacel, Infanrix)
- c) Hib (ActHIB, PedvaxHIB, Hiberix)
- d) MenACWY (Menactra, Men Quadfi, Menveo)

Ans a)



4. Replace (1?) and (2?) with correct months.

- a) 8 months and 20 months
- b) 9 months and 14-16 months
- c) 9 months and 16-24 months
- d) 9 months and 24-26 weeks

Ans c)

3) ANGKOR WAT TEMPLE IN CAMBODIA BECOMES THE EIGHTH WONDER OF THE WORLD.

- The ancient temple complex known as Angkor Wat, which is situated in the center of Cambodia, has surpassed Pompeii of Italy to become the eighth wonder of the world.
- Not only is this UNESCO World Heritage Site the biggest religious building on Earth, but it is also an



example of brilliant architecture and significant cultural value.

- The construction of Angkor Wat involved a remarkable feat of engineering, requiring the coordinated efforts of thousands of skilled laborers.
- The temple's sheer scale and intricate details are a testament to the

ingenuity and craftsmanship of the Khmer people.

UNESCO WORLD HERITAGE SITE

- Angkor Wat was listed on the UNESCO World Heritage List in (?) in recognition of its remarkable global importance.
- Every year, millions of people are drawn to the site by its beauty and cultural significance. Angkor Wat is a tribute to the Khmer Empire's magnificence and the enduring force of human creation.
- Its designation as the World's Eighth Wonder is a fair testament to its architectural magnificence, historical relevance, and cultural impact.

CONSTRUCTION

- Constructed under the rule of King Suryavarman II, Angkor Wat stands as the largest religious structure in the world.
- The city of Angkor once thrived as one of the most sophisticated and prosperous kingdoms of Southeast Asia. Dedicated to Lord Shiva, Brahma and Vishnu, the temple has five major towers symbolizing the peaks of Mount Meru, believed to be the abode of the gods in Hindu mythology.
- The temple's sculptures vividly depict scenes from the Mahabharata and

Ramayana, adding layers of cultural richness to this architectural marvel

Q&A Section

1. In which year Angkor wat temple was included in UNESCO's world heritage site?

- a) 1993 b) 1992
c) 1995 d) 1996
Ans b)

2. The modern Name Angkor Wat Means?

- a) Temple of wall b) City of wall
c) Temple city d) Capital City
Ans c)

3. The temple is a representation of?

- a) Mount Reum b) Mount Meru
c) Mount Erum d) Mount Urem
Ans b)

4. The outer wall of Angkor Wat is about the size of?

- a) 203 acre b) 204 acre
c) 205 acre d) 206 acre
Ans a)

5. Who has completed the construction of the Angkor Wat Temple?

- a) Jayavarman VII
b) Suryavarman II
c) Jayavarman VI
d) Jayavarman V
Ans a)

4) ONDC (BUILD FOR BHARAT INITIATIVE)

- ONDC in collaboration with Google Cloud, seed stage investor Antler, ?????, Protean and Startup India has announced the 'Build for Bharat' initiative to tackle challenges in digital commerce. The initiative aims for active participation from over 2,00,000 individuals in startups, companies, and colleges.



- The initiative aims for active participation from over 2,00,000 individuals in startups, companies, and colleges, targeting various issues such as catalog creation, financial services, and warehousing as a service.

MORE ABOUT ONDC

- The ONDC, created on December 31, 2022(?), under the Ministry of Commerce and Industry's Department for Promotion of Industry and Internal Trade (DPIIT), aims to democratize and decentralize e-commerce.
- ONDC's purpose is to give buyers more choices and autonomy while also ensuring accessibility and inclusion for sellers, particularly small and local businesses.
- The 'Build for Bharat' programme is in line with ONDC's objective to transform Indian digital commerce.

NextGen Ventures (Category 1)-

- Dedicated to accelerating venture development on ONDC by offering a route for ambitious founders and early-stage teams to raise funding, launch, and scale businesses.

- Winners in this category will receive special opportunities, mentoring, and equity-free grants.

Scalable Solutions (Category 2)-

- Invites participation from organizations and individuals with a focus on addressing friction points faced by Network Participants (NPs) on the ONDC platform.

Foundation Solutions (Category 3)-

- Designed for college students over 18 years of age, aiming to identify proof of concept for the friction points faced by NPs.

Prizes and Collaborations:

- Category 1 winners stand to gain exclusive opportunities from Antler in India, mentorship from industry

leaders, and equity-free grants of up to 5 crore rupees (\$600,000).

- Category 2 and 3 winners will receive Cloud credits from Google Cloud India to foster further innovation in their projects.

Q&A SECTION

1. In which year ONDC was created?

- a) 2020 b) 2021
c) 2022 d) 2023

Ans b)

2. Which among the following is one of the companies to partner in 'Build for Bharat Initiative'

- a) Bharat Gpt b) Paytm
c) Jio Finances d) Religare

Ans b)

3. What does ONDC stand for?

- a) Open Network For Digital Companies

b) Open network for digital commerce

c) Open network for Direct Commerce

d) Open network for digital cyberspace.

Ans b)

4. Which was the first Indian company to get on Open Network?

- a) Flipkart b) Amazon
c) Snapdeal d) zomato

Ans c)

5. Which of the following is not the benefit of Having ONDC?

- a) Competitive and Innovative Ecosystem
b) Level Playing Field
c) Payment Methods
d) Freedom of Choice for Consumers

Ans c)

5) WORLD'S FIRST INDIGENOUSLY DESIGNED PORTABLE HOSPITAL UNVEILED

- The world's first portable hospital, the indigenously made Arogya maitri cube which can be assembled and start within 1 hour of reaching the

emergency site to treat the injured was unveiled in (???111???).

- These cubes are light and portable, and can be rapidly deployed

anywhere, from airdrops to ground transportation.

- The Arogya Maitri project is a Continuum of India's growing role as a global healthcare leader.

PROJECT AROGYA MAITRI

- A flagship component of this project is the innovative “Aarogya Maitri Aid Cube” a modular trauma management and aid system designed for rapid deployment in mass casualty incidents whether in time of peace or war.
- This cube, a part of the broader initiative name “Project BHISM”- Bharat Health initiative for Sahyog Hita and Maitri is tailored to treat up to 200 casualties, emphasizing rapid response and comprehensive care.
- The portable hospital includes various cubes and these cubes can be converted into a surgical station that has all the facilities where small operating procedures can also be performed.

About Aarogya Maitri Sahayata Cube:

- This is the world's first portable hospital.
- Thiruvananthapuram(Kerala) based government of India's company, HLL Life Care, is the nodal agency for sourcing the Aarogya Maitri Cube.
- Indigenously designed under Project BHISM (India Health Initiative for



Cooperation Interest and Friendship), the modular trauma management and support system is made up of 72 detachable mini-cubes, each with a specialized station for humanitarian efforts and emergency response.

- It includes medical equipment and supplies such as a mini-ICU, an operation theater, a cooking station, food, water, an electricity generator, blood testing equipment, an X-ray machine.
- This portable hospital can handle gunshots, burns, head, spinal cord and chest injuries, minor surgeries, fractures and major bleeding.
- It can treat more than ????? patients. These cubes are lightweight and portable, and can be rapidly deployed

anywhere from airdrop to ground transportation.

Design

- It consists of 72 cubes that can be combined to form a special cage capable of accommodating 36 mini-cubes. The mini-cubes are filled with everything needed for the survival of 100 individuals for a period of 48 hours.
- The two master cubes are designed to be interconnected, allowing them to hold up to 200 survivors. Each Master Cube, consisting of 36 mini-cubes, has a total weight of less than 750 kg.
- It relies on the Rubik's Cube concept and each cube is designed to weigh less than 20 kg, making it easy to carry manually.

- The structure will also include a tablet-based application that can operate all 72 cubes.

Q&A SECTION

1. How many patients can be treated at this Hospital At Once?

- a) 200 b) 198
c) 199 d) 201

Ans a)

2. Replace ???111??? In the first paragraph with the correct city?

- a) Mumbai b) Bengaluru
c) Gurugram d) Noida

Ans c)

3. What are the main objectives of “Project BHISM,” according to Prime Minister Narendra Modi?

- a) Ambitious healthcare initiatives.
b) Provide essential medical supplies
c) Revolutionize emergency medical response
d) All of the above

Ans d)

6) APEX COURT UNANIMOUSLY UPHELD ARTICLE 370

- The five-judge Constitution Bench, which included Chief Justice of India Dr. DY Chandrachud, Justices Sanjay Kishan Kaul, Sanjiv Khanna, B.R. Gavai, and Surya Kant, JJ, rendered a decision on the petitions challenging the Central Government's abrogation of Article 370.
- All members of the Bench supported the Union's decision to revoke Article 370.
- It also gave direction to the statehood restoration. The Election Commission of India was specifically instructed by Dr. DY Chandrachud, CJI, to hold elections for the J&K assembly by September 30, 2024.

What was Article 370 About?

- Article 370 in the Indian constitution gave special status to Jammu and Kashmir, a region disputed by India, Pakistan and China.
- It was drafted by N Gopalaswami Ayyangar, a member of the Constituent Assembly of India, and



was added to the constitution as a 'temporary provision' in 1949.

- It allowed the state to have its own constitution, flag and autonomy over most matters except defense, foreign affairs and communications.
- It was based on the terms of the Instrument of Accession, which was signed by the ruler of Jammu and Kashmir, Hari Singh, in 1947 to join India after an invasion by Pakistan.

What did the Court Say?

- **Art 370 was a Temporary Provision:** The court held that Article 370 was a temporary provision and that the State of J&K had no internal sovereignty.

- The court held that Article 370 was meant to be a 'temporary provision' for two primary reasons.
- It served a transitional purpose which was to make an interim arrangement to establish a Constituent Assembly of J&K which would draft the State Constitution.
- It was meant to ease the integration of J&K into the Union of India in the light of the prevailing war-like situation in the State back in 1947.
- **Governor can Assume "all or any" Roles of the State Legislature:** The court upheld the proclamations by referring to the landmark 1994 ruling in 'SR Bommai v Union of India, 1994' which dealt with the powers and

limitations of the Governor under President's rule.

- The CJI said that the governor (President in J&K's case) can assume "all or any" roles of the state legislature and such action must be tested judicially only in extraordinary cases.

Concurrence of the State Government isn't required:

- The court ruled that the President in the exercise of powers under Article 370 (3) of the Constitution can unilaterally notify that Article 370 ceases to exist.
- It further said that there was no requirement for the President to secure the concurrence of the State government in this regard as mandated by the provisions to Article 370(1) (d).
- **Upheld the 2019 Law:** The court upheld the Jammu and Kashmir Reorganisation Act, 2019 to the extent it carved out the Union Territory of Ladakh out of the State of J&K.

- The court also observed that the views of the State legislature regarding the proposed reorganization are recommendatory in nature and not binding on the Parliament.

Parliament is Not a mere Law Making Body During President's Rule:

- The Chief Justice held that the power of the Parliament in a State under the President's rule was not restricted to mere lawmaking. It also extended to executive action.

Q&A SECTION

1. Article 370 is drafted in which part of the Indian Constitution?

- a) XXI b) XIX
c) XII d) XXII
Ans a)

2. What was the purpose of Article 370?

- a) To provide autonomy to J&K
b) To allow J&K to have its own constitution.
c) To give special rights to the residents of J&K.
d) All of the above.
Ans d)

3. What are the two new UTs that J&K has been divided into?

- a) J&K and Leh

- b) J&K and Ladakh
c) Ladakh and Kashmir
d) Jammu and Ladakh
Ans b)

4. When was the J&K reorganization Bill, 2019 passed by Parliament?

- a) August 5, 2019
b) August 6, 2019
c) August 7, 2019
d) August 8, 2019
Ans a)

5. Which article empowered J&K's legislature to define Permanent residents and provide special rights to them:-

- a) 370
b) 35A
c) 35
d) 1
Ans b)

6. Who was the chief drafter of Article 370?

- a) N. Gopalaswami Ayyanagar.
b) Pandit Jawaharlal Nehru
c) Sardar Vallabh Bhai Patel
d) BR Ambedkar
Ans a)

7) LOK SABHA PASSES THREE CRIMINAL LAW BILLS.

Bharatiya Nyaya Sanhita which will replace the Indian Penal Code, Bharatiya Nagarik Suraksha Sanhita which will replace the Code of Criminal Procedure and Bharatiya Sakshya Adhiniyam which will replace the Indian Evidence Act.

Few significant points from each statute;

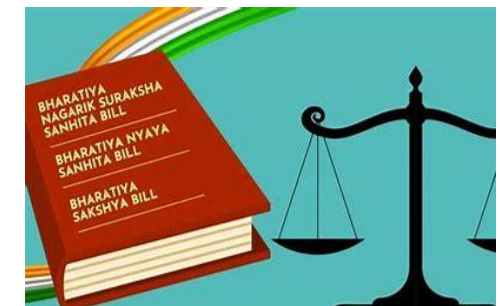
Bharatiya Nyaya Sanhita

- Definition of child introduced
- Transgender included in definition of 'gender'
- Electronic, digital records included in definition of document
- New chapter on offense against woman and child introduced

- New chapter on 'inchoate offenses' (attempt, abetment and conspiracy) introduced

Bharatiya Nagarik Suraksha Sanhita

- Scope of declaring proclaimed offenders increased. Earlier only 19 offences were included which did not include rape cases. Now all offenses



with punishment for 10 years or more included

- Arrest of offenses with punishment of less than 3 years offense with prior nod of senior police officers
- 15 days police custody is allowed for the first 40/60 days of the detention period and this will not be a ground for refusal of bail
- In-absentia trial introduced
- Electronic FIR introduced
- Preliminary Inquiry introduced in offenses punishable from 3 years to less than 7 years

Bharatiya Sakshya Adhiniyam

- Electronic record included in definition of 'document'

- Statements received electronically included in definition of 'evidence'
- Added more standards for considering electronic, digital records as primary evidence laying emphasis on its proper custody, storage, transmission, and broadcast
- Added more kinds of secondary evidence to include oral, written admissions & evidence of a skilled person to examine documents which cannot be conveniently examined by court

Q&A SECTION

1. Which section Of IPC is also known as the doctrine of Curvature?

- a) Section 495 b) Section 496

- c) Section 497 d) Section 498
Ans c)

2. Who has chaired the Parliamentary Standing committee formed for reviewing the 3 historic Bills, Bharatiya Nagarik Suraksha Sanhita, Bharatiya Sakshya Adhiniyam, Bharatiya Nyaya Sanhita?

- a) Brij Pal b) Amit shah
c) Piyush goyal d) Rajnath singh
Ans a)

3. How many sections are there in the newly framed Bharatiya Nyaya Sanhita, 2023?

- a) 356 b) 357

- c) 358 d) 359
Ans c)

4. On which date the President of India gave assent to the 3 new Bills?

- a) 24th December, 2023
b) 25th December, 2023
c) 26th December, 2023
d) 27th December, 2023
Ans b)

5. In which section of The Bharatiya Nyaya sanhita, 2023 sedition has been put into?

- a) Section 150 b) Section 152
c) Section 153 d) Section 154
Ans b)

8) M LOOKS FORWARD TO WELCOMING FRENCH PRESIDENT EMMANUEL MACRON AS THE CHIEF

GUEST ON THE 75TH REPUBLIC DAY

India's 2024 Republic Day chief guest is France's President Emmanuel Macron. Being invited as the chief guest at Republic Day celebrations is the highest honor a country accords in terms of protocol.

Why is being India's Republic Day chief guest an honor?

Being invited as the chief guest at Republic Day celebrations is the highest honor a country accords in terms of protocol. The chief guest is front and



center in many ceremonial activities which have over time become a part of the fabric of the event and the run-up to it.

So how is the Republic Day chief guest chosen?

- The process starts nearly six months in advance of the event. Ambassador Manbir Singh had said all kinds of considerations are taken into account by the MEA before extending the invitation.
- The most central consideration is the nature of the relationship between India and the country concerned. Invitation to be the Chief Guest of the Republic Day parade is the ultimate

sign of friendship between India and the country of the invitee.

Q&A SECTION

1. Emanuel Macron is the representative of which Party?

- a) Renaissance
- b) La France Insoumise
- c) Socialist Party
- d) National Rally

Ans a)

2. Who was the first Chief Guest on the very first Republic Day parade of India in 1950?

- a) King Tribhuvan Bir Bikram Shah

- b) King Jigme Dorji Wangchuck
 - c) President Sukarno
 - d) King Norodom Sihanouk
- Ans c)

3. Name the first person who was invited as the Chief Guest of the Republic Day Parade in India from Pakistan?

- a) Malik Ghulam Muhammad
- b) Mohammed Zahir Shah
- c) Rana Abdul Hamid
- d) None of the above

Ans a)

4. Who unfurls the National Flag in the Republic Day ceremony in the state capitals?

- a) Chief Minister
- b) Governor
- c) Deputy Chief Minister
- d) Finance Minister

Ans b)

5. The ceremony known as 'Beating Retreat' is held at...

- a) Rashtrapati Bhavan
- b) Red Fort
- c) India Gate
- d) Vijay Chowk

Ans d)

9) THE SIXTEENTH FINANCE COMMISSION- DR. ARVIND PANAGARIYA AS ITS CHAIRMAN.

- The Government of India, with the approval of the President of India, has constituted the Sixteenth Finance Commission, in pursuance to Article 280(1) of the Constitution.

- Members of the Sixteenth Finance Commission would be notified separately.
- Shri Ritvik Ranjanam Pandey has been appointed as Secretary to the Commission.
- The Sixteenth Finance Commission shall make

recommendations as to the following matters, namely: —

- (i) The distribution between the Union and the States of the net proceeds of taxes which are to be, or may be, divided between them under Chapter I, Part XII of the Constitution and the allocation



between the States of the respective shares of such proceeds;

- (ii) The principles which should govern the grants-in-aid of the revenues of the States out of the Consolidated Fund of India and the sums to be paid to the States by way of grants-in-aid of their revenues under article 275 of the Constitution for the purposes other than those specified in the provisos to clause (1) of that article; and

- (iii) The measures needed to augment the Consolidated Fund of a State to supplement the resources of the Panchayats and Municipalities in the State on the basis of the recommendations made by the Finance Commission of the State.

Q&A SECTION

1. **When was the first finance commission constituted and who was its chairman?**

- a) 1951 and N.K. Singh
- b) 1951 and K.C. Neogy
- c) 1953 and K.C. Neogy

- d) 1952 and A.K. Chand
Ans b)

2. **The period of the 15th commission is:-**

- a) 2020-21 to 2024-25
- b) 2021-22 to 2025-26
- c) 2019-20 to 2023-24
- d) None of the above.

Ans a)

3. **Which was the last finance commission to get a 6 year mandate?**

- a) 6th
- b) 7th
- c) 8th
- d) 9th

Ans d)

4. **What are the main functions of the Finance commission?**

- a) Devolution of Taxes
- b) Grants in aid
- c) Augment states fund
- d) All of the above

Ans d)

5. **The finance commission is constituted with one chairperson and ????? members?**

- a) 5
- b) 4
- c) 3
- d) 6

Ans b)

10) THE USA HAS RECENTLY DISCOVERED THE WORLD'S LARGEST LITHIUM RESERVE BENEATH CALIFORNIA'S SALTON SEA.

- The Salton Sea lithium deposit holds an estimated 18 million tons, enough to support over 375 million EV batteries.
- The discovery could shift the U.S. towards self-sufficiency in lithium, reducing reliance on imports and enhancing national energy security.
- Advancements in direct lithium extraction technologies promise more efficient and sustainable mining, potentially leading to a surplus in lithium supply and affecting market prices.
- The Salton Sea region's total resources could produce more than



3,400 kilotons of lithium, worth up to \$540 billion and enough to support over 375 million batteries for electric vehicles (EV).

Q&A SECTION

1. Which state has the highest lithium deposit in the country?

- a) Jammu & Kashmir
- b) Rajasthan
- c) Jharkhand
- d) Chattisgarh

Ans b)

2. Which of the following is a characteristic of a fuel cell?

- a) High vibration
- b) No Heat Transfer
- c) High Noise level
- d) High efficiency

Ans d)

3. Which country in the world has the largest deposit of lithium?

- a) China
 - b) Bolivia
 - c) USA
 - d) Australia
- Ans b)

4. Which three countries are part of the lithium triangle?

- a) Australia, China, USA
- b) China, India, Australia
- c) Argentina, Bolivia, Chile
- d) Argentina, Bolivia, China

Ans c)

5. Which is the Biggest Lake In the USA?

- a) Lake Superior
- b) Salton sea
- c) Lake Huron
- d) Lake Erie

Ans a)

11) THE INAUGURATION OF THE SURAT DIAMOND BOURSE BY THE PRIME MINISTER MARKS A SIGNIFICANT MILESTONE IN THE DIAMOND INDUSTRY.

World's Largest Corporate Office

- Located in Khajod village near Surat, the Surat Diamond Bourse stands as the world's largest corporate office hub.
- Built across 35.54 acres at a cost of Rs 3,400 crore, it surpasses the (???), which held the title for the world's largest office building for the past 80 years.

International Banking and Safe Vaults, aiming to bolster the diamond trade.

Global Centre for Diamond Trading

- With the capacity to accommodate 4,200 traders from 175 countries, the Bourse is positioned to be a global hub for rough and polished diamonds.
- It offers a platform for diamond buyers worldwide to conduct trade activities in Surat.

Boost to Diamond Industry

- The Prime Minister emphasized the immense significance of this inauguration for the diamond industry.
- The facility includes a Customs Clearance House, Jewellery Mall, and

Environmental Sustainability

- Despite its size, the Surat Diamond Bourse prioritizes minimizing environmental impact by following the



principles of Panchtatva, aligning with nature's five elements.

Innovative Energy Solutions

- The building showcases advanced rooftop solar energy projects implemented by URON Energy,

promoting sustainability in its operations.

- It employs a radiant cooling system, highlighting innovative and eco-friendly technological features.

Q&A SECTION

1. Before the inauguration of the Surat Diamond Bourse, which was the largest office building in the world?

- a) Apple HQ b) Alphabet HQ
c) Pentagon d) Dubai Towers

Ans c)

2. Which company has architected the

design of Surat Diamond Bourse?

- a) Morphogenesis b) Nikken Sekkei
c) Gensler d) HDR

Ans a)

3. No. of towers and floors in the Surat Diamond Bourse and?

- a) 8 and 15 b) 7 and 15
c) 9 and 15 d) 9 and 14

Ans c)

4. In which year the foundation stone of the Surat Diamond Bourse was laid?

- a) 2015 b) 2017
c) 2018 d) 2019

Ans a)

5. Surat Diamond Bourse is an Integral Part of DREAM city, what does DREAM stand for?

a) Diamond Research and
Mercantile.

- b) Diamond Research and Market
c) Diamond Research and Master
d) Diamond Research and open
Market

Ans a)

12) UNICEF IN COLLABORATION WITH INDIA TO LAUNCH "GREEN RISING" INITIATIVE AT COP28 SUMMIT IN DUBAI.

- The global "Green Rising" initiative and the "Green Rising India Alliance" marks a collaborative effort involving UNICEF, Generation Unlimited and a diverse network of public, private, and youth partner
- The "Green Rising" initiative focuses on engaging youth for impactful environmental actions at the grassroots level, aligning with the global effort to address the severe impacts of climate change. Through the YuWaah campaign in India, the focus is on engaging youth to drive impactful environmental actions at the grassroots level, inspired by the Mission Life movement



- Over 83 billion dollars have been mobilized within the first seven days of the COP28, marking a new era of climate action. The conference saw historic declarations on food systems, health, renewable energy, and efficiency, with initiatives targeting the decarbonization of heavy-emitting industries.
- The World Bank announced a 9 billion dollars annual increase for 2024 and 2025, and Multilateral Development Banks committed over 22.6 billion dollars, providing

significant financial support for climate-related projects.

Q&A SECTION

1. How Many Countries Will Participate in CoP 28?

- a) 195 b) 196 c) 197 d) 198

Ans c)

2. United Nations Framework Convention on climate change (UNFCCC) was a multinational treaty established in?

- a) 1991 b) 1992 c) 1993 d) 1994

Ans d)

3. Which edition of CoP took place in India?

- a) CoP 7, 2002 b) CoP 8, 2002
c) CoP 6, 2002 d) CoP9, 2002

Ans b)

4. What is the theme of CoP 28 held at Dubai?

- a) Achieving global peace
b) Accelerating Climate Action for

sustainable development

- c) Sustainable development for all
d) To remove the environmental disparity between the developing and developed nations.

Ans b)

5. Which type of Hydro chloro Fluoro Carbons are used in ACs and refrigerators?

a) HCFC 140b

b) HCFC 141b

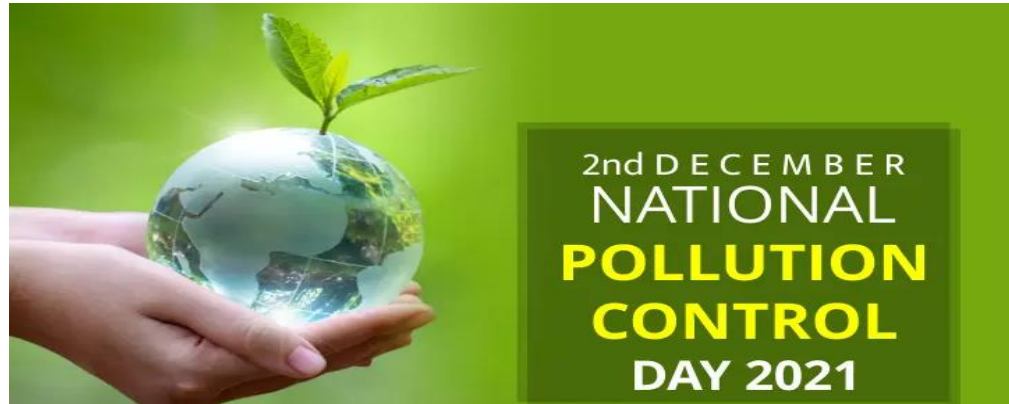
c) HCFC 141d

d) HCFC 142b

Ans b)

13) NATIONAL POLLUTION CONTROL DAY: 2ND DECEMBER.

- National Pollution Control Day 2023 is observed on the 2nd of December 2023.
- National Pollution Control Day is observed to create awareness about pollution which is causing harm to our environment and living beings.
- It is nationally observed for the remembrance of an Industrial accident that took place in Bhopal which took thousands of lives in 1984.
- The Bhopal gas tragedy happened on the night of 2nd and 3rd December in the year 1984 because of the unintentional discharge of the poisonous chemical known as Methyl Isocyanate (also called MIC)



as well as some other chemicals released from the Union Carbide Chemical Plant positioned in the city.

Q&A SECTION**1. CDM stands for**

- a) Center for Development Mechanism
b) Clean Development Mechanism
c) Credit for Development Mechanism
d) Criteria for Development mechanism

Ans b)

2. Where is the HQ of CPCB located?

- a) New Delhi b) Mumbai
c) Chennai d) Bengaluru

Ans a)

3. WHO and Indian Standard norms for limit of Hg contamination of Mercury is:-

- a) 0.001mg/l b) 0.002mg/l
c) 0.003mg/l d) 0.0005mg/l

Ans a)

4. What was the cloud composition other than MIC in Bhopal Gas Tragedy?

- a) Chloroform b) Lead
c) Sulphur d) Zinc

Ans a)

5. While the Bhopal case was being argued in the High Court, the Supreme Court of India, in a separate poisonous gas leak case, came up with a new doctrine which could be used in the Bhopal case as well. What was this doctrine?

- a) Strict Liability b) Vicarious Liability
c) Fixed Liability d) Limited Liability

Ans a)

14) INDIRA GANDHI PEACE PRIZE (2023)

- The Indira Gandhi Prize for Peace, Disarmament and Development for 2023 has been jointly awarded to Daniel Barenboim and Ali Abu Awwad.
 - They have been awarded for their efforts in bringing together the youth and people of Israel and the Arab World for a non-violent resolution of the Israel-Palestine conflict.
 - Maestro Barenboim is an Argentine-born distinguished classical pianist and conductor.
 - Apart from his musical achievements, he is also known for his efforts in using music to facilitate harmony in West Asia.
 - Mr. Awwad is an eminent Palestinian peace activist who has been working tirelessly with the people of Palestine and Israel for a peaceful resolution of the ongoing conflict in the Middle East. Indira Gandhi Prize for Peace, Disarmament and Development
 - Indira Gandhi Peace Prize, also known as Indira Gandhi Prize for Peace, Disarmament and Development was instituted in 1985 by Indira Gandhi Memorial Trust.
 - The award carries a cash prize of Rs 25 lakh and a citation.
- It is given to individuals or organizations who are:**
- Working towards ensuring international peace and development.



- Ensuring that scientific discoveries are used for the larger good of humanity;
- Creating new international economic order; and
- Enlarging the scope of freedom.

Q&A SECTION

1. In how many categories does Indira Gandhi Peace Prize is

2. Who was the first recipient of the Indira Gandhi Peace Prize?

- a) Parliamentarians for Global Actions
- b) Jawahar Lal Nehru
- c) Indira Gandhi
- d) Rajiv Gandhi

Ans a)

3. The first woman recipient of The Bharat Ratna In India:-

- a) Sarojni Naidu
- b) Sushma Swaraj
- c) Indira Gandhi
- d) Pratibha Devi Singh Patil.

Ans c)

4. Replace 1985 In the paragraph With the correct year.

- a) 1985 b) 1986
- c) 1987 d) 1988

Ans b)

awarded:-

- a) 4 b) 5 c) 6 d) 3

Ans d)

15) KAKRAPAR NUCLEAR POWER PROJECT

- The fourth unit of the Kakrapar Atomic Power Project (KAPP-4 with 700 MWe) in Gujarat attained criticality.
- Criticality in a nuclear reactor refers to the state where a reactor is able to sustain a self-sustained chain reaction, resulting in a steady state of power production.
- MWe stands for Megawatt electric, which is a unit of power commonly used to measure the electrical output of a nuclear power plant.
- Kakrapar Nuclear Power Plant (managed by Nuclear Power Corporation of India Limited (NPCIL).
- Located in the Tapi river valley near Surat, Gujarat, India.
- Comprises four operational reactors (KAPS-1, KAPS-2, and KAPP-3) and (KAPP-4).
- All reactors are Pressurized Heavy Water Reactors (PHWRs) with a capacity of 220 MWe for KAPS-1 (started operations in 1993) and KAPS-2 (commenced operations in 1995), and 700 MWe for KAPP-3 and KAPP-4.

Nuclear Power Plants across India

- India has 22 operational nuclear power plants with a total installed capacity of 6780 Megawatt electric (MWe).

These plants are located across seven states in the country:

- Maharashtra: Tarapur Atomic Power Station (TAPS-1 & 2);
- Rajasthan: Rajasthan Atomic Power Station (RAPS-1 to 4);
- Tamil Nadu: Madras Atomic Power Station (MAPS-1 & 2);
- Gujarat: Kaiga Generating Station (KGS-1 to 4);
- Uttar Pradesh: Narora Atomic Power Station (NAPS-1 & 2);
- Karnataka: Kudankulam Nuclear Power Plant (KKNPP-1 & 2);
- Madhya Pradesh: Prototype Fast Breeder Reactor (PFBR).

Future Plans Regarding Nuclear Energy



- India is building 10 more nuclear power plants with a total capacity of 8000 MWe. These reactors are at various stages of construction and are expected to be commissioned in the coming years.
- Nuclear power currently accounts for around 3.11% of India's total electricity generation.
- The government aims to increase this share to 10% by 2030 as part of its efforts to reduce carbon emissions and achieve energy security.

Q&A SECTION

1. The first Nuclear reactor in India was set up at:-

a) Rana Pratap Sagar b) Bombay
c) Tarapur d) kalpakkam
Ans b)

2. In which year Atomic energy commission (AEC), was established:-
a) 1946 b) 1949 c) 1948 d) 1951
Ans c)

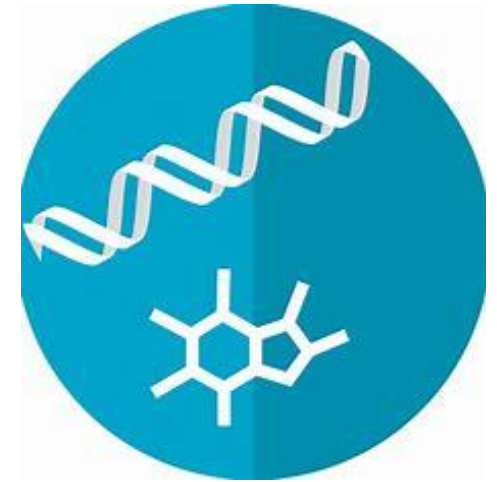
3. Who is known as the father of India's Nuclear Programme?
a) CV Raman
b) Homi Bhabha
c) APJ Abdul kalam
d) None of the above
Ans b)

16) DAE SCIENTISTS IDRS LABS JOIN HANDS TO DEVELOP AKTOCYTE TABLETS FOR PELVIC CANCER

- Scientists from the Department of Atomic Energy (DAE) and Bengaluru-based IDRS Labs have joined hands to develop Aktocyte tablets for treating pelvic cancer.
- Experts from Bhabha Atomic Research Centre, Mumbai; Tata Memorial Hospital, Mumbai; Advanced Centre for Training Research and Education in Cancer, Navi Mumbai collaborated with the IDRS Labs with a primary aim of minimizing the side effects of radiotherapy.
- The AKTOCYTE tablets have shown remarkable results, particularly in pelvic cancer patients suffering from radiotherapy-induced Cystitis (Blood in urine).
- AKTOCYTE has received approval from the Food Safety and Standards Authority of India (FSSAI), operating under the Ministry of Health & Family Welfare, Government of India.

Collaboration for Progress

Experts from the Bhabha Atomic Research Centre in Mumbai, Tata Memorial Hospital in Mumbai, and the Advanced Centre for Training Research and Education in Cancer in Navi Mumbai have joined forces with IDRS Labs in this pioneering project.



17) UNION MINISTER SHRI KIREN RIJJU LAUNCHES INDIA'S MAIDEN WINTER SCIENTIFIC ARCTIC EXPEDITION.

- The Honourable Union Minister, Ministry of Earth Sciences (MoES), Sh Kiren Rijiju, flagged off India's first winter scientific expedition to the Arctic from the MoES headquarters in New Delhi on December 18, 2023.
- Indian scientific expeditions to the Arctic during the winter (November to March) will allow researchers to conduct unique scientific observations during polar nights, where there is no sunlight for nearly 24 hours and sub-zero temperatures (as low as -15 degrees Celsius).
- This will aid in expanding understanding of the Arctic, especially climate change, space weather, sea-ice and ocean circulation dynamics, ecosystem adaptations, etc., which affect weather and climate in the tropics, including monsoons.
- The decision to facilitate winter expeditions to the Arctic comes after an in-person review of India's Arctic activities by Sh Rijiju at Himadri, Ny-Ålesund, Svalbard in the Norwegian Arctic, in June 2023.
- The decision to facilitate winter expeditions to the Arctic comes after an in-person review of India's Arctic activities by Sh Rijiju at Himadri, Ny-Ålesund, Svalbard in the Norwegian Arctic, in June 2023.



18) ISRO's Chandrayaan-3 mission has been honored with the Prestigious Leif Erikson Lunar Prize.

The Indian Space Research Organization (ISRO) has been awarded the prestigious Leif Erikson Lunar Award for its unprecedented Chandrayaan-3 mission.

- The award, provided by the Investigation Museum in Húsavík, Iceland, recognises ISRO's extraordinary contribution in understanding lunar exploration and astronomical events.

- Indian Ambassador Balasubramanian Shyam received this prestigious award on behalf of ISRO.

Chandrayaan-3 mission:

- The 'Chandrayaan-3' was launched on 13 July 2023 by the Indian Space Research Organization (ISRO).
- It was launched by LVM 3 from Satish Dhawan Space Center, Sriharikota.
- It included Lander (Vikram) and Rover configuration (Pragyan).
- Chandrayaan-3 consisted of an indigenous Lander Module (LM), a

Propulsion Module (PM) and a Rover aimed at developing and demonstrating new technologies required for interplanetary missions.

- Chandrayaan-3 landed successfully on the surface near the moon's southern pole on 23 August 2023.

About Leif Erikson Lunar Prize:

- Establishment - 2015
- The Leif Erikson Lunar Prize is provided by the Investigation Museum to celebrate extraordinary achievements in lunar exploration.



- Leif Erikson is considered to be European, who reached the US continent 400 years before Christopher Columbus.
- This award is given every year in his name.

19) India re-elected to International Maritime Organization with the highest vote tally

- In elections held at its assembly for the 2024–25 biennium, India was re-elected to the International Maritime Organisation (IMO) Council with the highest tally.
- India's re-election falls under the Category of 10 states with "the largest interest in international seaborne trade", alongside Australia, Brazil, Canada, France, Germany, the



Netherlands, Spain, Sweden, and the United Arab Emirates (UAE).

- India has been elected in the category of ten countries with the largest

interest in international seaborne trade.

- The term of the Council will be for the biennium 2024-25.

About IMO

- IMO is a specialized agency of the United Nations responsible for regulating shipping.
- It was established following agreement at a UN conference held in Geneva in 1948 and came into

existence 10 years later, meeting for the first time in 1958.

- Headquartered in London, United Kingdom, IMO currently has 175

Member States and three Associate Members.

- India joined the IMO in 1959 and the IMO currently lists India as among the

10 states with the largest interest in international seaborne trade.

20) MERA GAON MERI DHAROHAR INITIATIVE

The Government of India has decided to map and document all villages under Mera Gaon, Meri Dharohar (MGMD) Programme. This National Mission on Cultural Mapping is conducted in coordination with Indira Gandhi National Centre for the Arts (IGNCA) under the Ministry of Culture. A web portal on MGMD has also been launched on 27th July, 2023. The MGMD seeks to compile

comprehensive information detailing the life, history, and ethos of Indian villages and to make the same available to virtual and real-time visitors. Under the MGMD, information is collected under seven broad categories as given below-

- Arts and Crafts Village
- Ecologically Oriented Village
- Scholastic Village linked with Textual and Scriptural Traditions of India

- Epic Village linked with Ramayana, Mahabharata and/or Puranic legends and oral epics
 - Historical Village linked with Local and National History
 - Architectural Heritage Village
- Any other characteristic that may need highlighting such as fishing village, horticulture village, shepherding village etc.



21) India to host 27th WAIPA World Investment Conference in New Delhi

- Invest India, the National Investment Promotion and Facilitation Agency of the Government of India, and the current President of the World Association of Investment Promotion Agencies (WAIPA), under the aegis of the Department for Promotion of Industry and Internal Trade (DPIIT), is set to host the 27th World Investment

Conference (WIC) from December, at the India International Convention & Expo Centre - Yashobhoomi, New Delhi.

- This year's conference is themed "Empowering Investors: IPAs Pioneering Future Growth".
- Union Minister of Commerce & Industry, Consumer Affairs, Food &

Public Distribution, and Textiles, Shri Piyush Goyal on the main day of the conference, will deliver the keynote address on the Role of Trade and Investment in the Decade of Action. About WAIPA

- The World Association of Investment Promotion Agencies was created in 1995 in Geneva, as a non-



governmental organization. Its mission is to empower and support investment promotion agencies in the important work they do to develop their economies; to be a voice for

IPAs internationally; and to serve as a bridge between the public and private

sectors. The association has more than 120 member agencies

representing more than 100 countries.

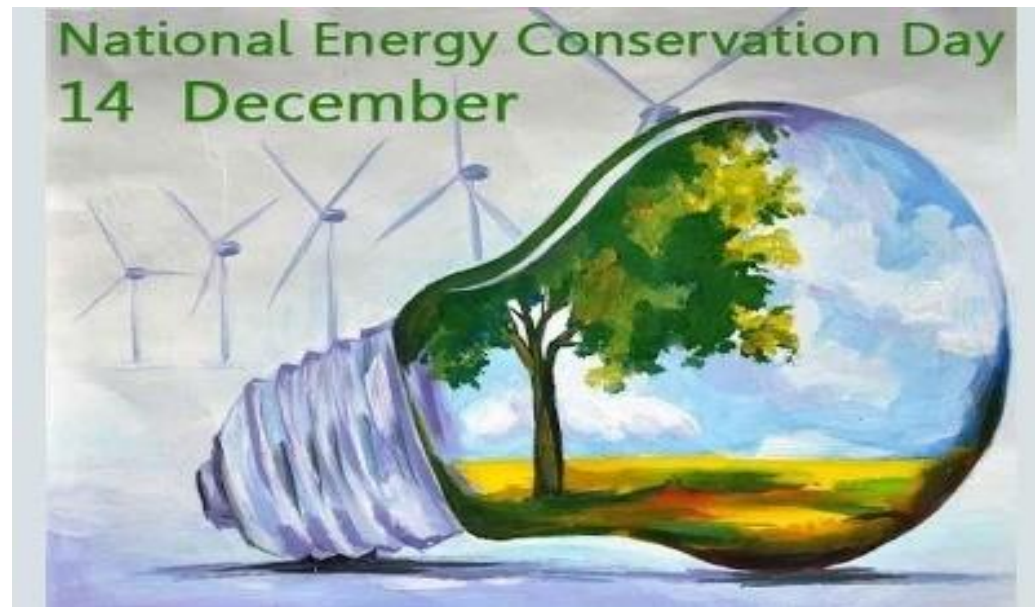
22) Indian Navy Day: 4th December

- Indian Navy Day 2023 is observed on the 4th of December 2023.
- The Indian Navy was established by the East India Company in 1612.
- Indo-Pakistan took place in 1971.
- During the war, Pakistan launched an attack on December 3 on Indian air bases.
- In response to their offensive attacks, the Indian Navy planned an attack on the night of December 4 & 5, as Pakistan didn't have the aircraft to carry out bombings.



23) National Energy Conservation Day: 14th December

- National Energy Conservation Day 2023 is observed on the 14th of December 2023.
- National Energy Conservation Day 2023 was first observed on December 14th, 1991 by the Bureau of Energy Efficiency BEE, under the Union Ministry of Power which falls under the government of India.
- The Bureau of Energy Efficiency assists in developing and implementing strategies and policies to reduce excessive energy consumption.
- The committee also executed 'The Energy Conservation Act' in 2001.



- The main objective of the day is to reduce energy use and encourage people to use it efficiently. About BEE
- The Government of India set up the Bureau of Energy Efficiency (BEE) on March 1, 2002, under the provisions

of the Energy Conservation Act, 2001.

- The mission of the Bureau of Energy Efficiency is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing the energy intensity of the Indian economy.

24) IMPORTANT DAYS OF DECEMBER 2023

1. **1 December** – World AIDS Day- It was first celebrated in 1988. The theme of 2023 is "Lead The Communities".
2. **2 December**- National Pollution Control Day.
3. **4 December** - Indian Navy Day.
4. **5th December**- International Volunteer Day.
5. **7 December** - Armed Forces Flag Day.
6. **10 December**- Human Rights Day.
7. **11 December** - UNICEF Day
8. **16 December**- Vijay Diwas
9. **18 December** - International Migrants Day.
10. **19 December**- Goa Liberation Day.
11. **20 December** - International Human Solidarity Day.
12. **23 December**- Kisan Diwas to commemorate the birth anniversary of Prime Minister Chaudhary Charan Singh.
13. **25 December** - Good Governance Day.
14. **26 December** - Veer Bal Diwas.

25) IMPORTANT BOOKS TO BE REMEMBERED

TITLE	AUTHOR
Nilavu Kudicha Simhangal	S. SOMNATH
Building Partnerships	CAPTAIN HIMADRI DAS
DO PALKON KI CHHAV MAIN	DR. HEMA JOSHI
Pranab, My Father: A Daughter Remembers	SARMISHTHA MUKHARJEE
The Reverse Swing: Colonialism to Cooperation	ASHOK TANDON
Welcome To Paradise	TWINKLE KHANNA

26) QUESTION BANK

1. The Central Board of Indirect Taxes & Customs (CBIC) launched the Electronic Origin Data Exchange System (EODES) between India and which country?
a) Egypt b) Korea
c) Japan d) UAE
Ans b)
2. Which company has become the world's 3rd most valuable tobacco company, surpassing British American Tobacco (BAT)?
a) Indian Tobacco Company
b) Japan Tobacco Inc
c) Reynolds American Inc
d) China National Tobacco Corporation
Ans c)
3. Raas Mahotsav or Raas Leela festival is celebrated in which state?
a) Rajasthan b) Assam
c) West Bengal d) Gujarat
Ans b)
4. Shamsi Talab, is a water storage reservoir located in which state/UT?
a) Assam b) New Delhi
c) Uttar Pradesh d) Rajasthan
Ans b)
5. Which state emerged as the champion in the Khelo India Para Games (KIPG)?
a) Tamil Nadu b) Haryana
c) New Delhi d) Uttar Pradesh
Ans b)
6. iGOT Karmayogi Platform is an online learning portal launched for which category of people?
a) Sanitary workers
b) MSME owners
c) Street vendors
d) Government officials
Ans d)
7. Who is set to receive the Padmapani Lifetime Achievement Award at the Ajanta-Ellora Film Festival?
a) Juhi Chaturvedi
b) Salim Khan
c) Anurag Kashyap
d) Javed Akhtar
Ans d)
8. Panchamrit" pledge is related to __:
a) Poverty Eradication
b) Infrastructure Development
c) Combating Climate Change
d) Regional Defence & Security
Ans c)
9. In honor of which renowned Air Force personality did the IAF and USI organize the first annual lecture at USI, Shankar Vihar?
a) RKS Bhadauria
b) Subroto Mukerjee
c) VR Chaudhari
d) Arjan Singh
Ans d)
10. Which space organization has announced its plan to launch its first X-ray Polarimeter Satellite (XPoSat)?
a) ISRO b) NASA
c) JASA d) ESA
Ans a)