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Law Academy

Current Affairs – English

OCTOBER + NOVEMBER '2022



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ADVOCATES AND ACADEMICIANS.....**

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PAHUJA LAW ACADEMY

CURRENT AFFAIRS

MONTHS OF OCTOBER 2022

LEGAL NEWS

➤ **Justice DY Chandrachud: 50th Chief Justice of India**

- Justice Dhananjaya Yeshwant Chandrachud is set to become the 50th Chief Justice of India (CJI) in November 2022.
- The current CJI Chief Justice of India U.U. Lalit nominated Justice DY Chandrachud as his successor during a meeting involving other judges of the Supreme Court held on October 11, 2022.
- The CJI's recommendation to the government will kick off the process for the appointment of the 50th Chief Justice of India.
- If this appointment is approved by the Central Government, Justice DY Chandrachud would be the first second-generation Chief Justice of India.
- Justice DY Chandrachud's father – Justice YV Chandrachud – was the 16th Chief Justice of India.

➤ **Multi-State Cooperative Societies (Amendment) Bill, 2022**

- The Union Cabinet recently approved changes to the Multi-State Cooperative Societies Act, 2002.
- The Central Government approved the Multi-State Cooperative Societies (Amendment) Bill, 2022.
- It incorporates the 97th Constitutional Amendment, which provided constitutional status to cooperative societies in India.
- The aim of the recently approved legislation is to rationalize the role of multi-state cooperative societies and increase their members' participation. This is done to increase public's faith in these institutions.
- In order to realize this goal, the legislation seeks to boost transparency and accountability and improve governance in multi-state cooperative societies.
- To improve the governance of these cooperative societies, the amendment Bill proposes the establishment of Cooperative Election Authority, Cooperative Information Officer, and Cooperative Ombudsman.

➤ **SC's split verdict on Karnataka's Hijab Ban**

- The Supreme Court delivered a split verdict on pleas contesting the Karnataka High Court's refusal to lift hijab ban in educational institutions in Karnataka.
- The Karnataka HC held that wearing hijab is not part of the essential religious practice in Islamic faith.
- The SC bench consisting of Justice Hemant Gupta and Justice Sudhanshu Dhulia heard pleas challenging this verdict.
- While Justice Hemant Gupta dismissed appeals challenging the HC judgement, Justice Sudhanshu Dhulia held that there shall be no restrictions on wearing hijab anywhere in schools or colleges in Karnataka.

- Justice Hemant Gupta held that wearing hijab is not an essential religious practice, unlike the Kirpan worn by the Sikhs. He also held that the Karnataka government's hijab ban promotes environment favouring equality. He adjudged that permitting girls to wear hijab is an antithesis to secularism.
- **Grievance Appellate Committees (GACs)**
1. The new rules pave the way for the establishment of one or more Grievance Appellate Committees (GACs) within 3 months.
 2. These committees will enable users of social media platforms like Facebook and Twitter to get recourse to settle complaints without depending on the judiciary.
 3. The committee will have three members. One of them will be a government officer and the other two will be independent representatives.

✚ INTERNATIONAL NEWS

➤ **Russia annexes 4 regions in Ukraine**

- Russian President Vladimir Putin presided over a ceremony to formally annex four Ukrainian regions.
- Eight years following the Russian annexation of Crimea, Moscow has captured four more Ukrainian territories – Donetsk, Luhansk, Zaporizhzhia and Kherson regions.
- Earlier, Russia organized a referendum on Russia's administration of these regions.
- Kremlin claimed that residents of these regions overwhelmingly supported their regions formally becoming part of Russia.
- These referendums are considered by the West as illegal and rigged and were orchestrated by the Russian Government.
- Russian President Vladimir Putin has signed "accession treaties" to formalize these annexations at a ceremony in Grand Kremlin Palace in Moscow in the presence of Russia's political elites.
- With the formal annexation of Kherson, Zaporizhzhia, Donetsk and Luhansk, Russia controls nearly 15 per cent of Ukrainian territory.

➤ **UNCTAD annual trade and development report**

- The UNCTAD has released its annual Trade and Development Report 2022.
- The UN report expects the world economy to grow 2.6% in 2022. This is 0.9 percentage points below last year's projected rate. The growth is expected to further decelerate in 2023 to 2.2%. This would leave the real GDP below the pre-pandemic levels by the end of 2023.
- It warns that the rapidly increasing interest rates and fiscal tightening in the advanced economies, along with the Russia-Ukraine War, have already exacerbated the global slowdown into a global economic downturn.
- The advanced economies' monetary and fiscal policies risk triggering a global recession and prolonging stagnation. This could lead to a situation worse than the 2008 financial crisis and the 2020 COVID-19 induced shock.
- The report holds that attempting to curb inflation by increasing interest rates is an impudent gamble and would lead to a recession.

➤ **What is IBSAMAR?**

- The seventh edition of maritime exercise IBSAMAR was organized from October 10 to 12 in South Africa.
- Exercise IBSAMAR is a joint maritime exercise between South Africa, Brazil and India.
- The inaugural edition of this naval exercise was held in 2008 to converge the democratic values, economic interests and maritime cooperation.

- In 2016, the fifth edition of the maritime exercise evolved to become a complex trilateral exercise involving the participation of naval vessels, aircraft and special forces from the three countries.
- The previous edition (IBSAMAR VI) was held off the Simons Town in South Africa in 2018.

➤ **Anna May Wong – first Asian-American to be featured on US currency**

- Anna May Wong, a Chinese-American movie star in Hollywood, is set to become the first Asian-American to feature in US currency.
- A quarter-dollar coin depicting a close-up image of Anna May Wong will commence circulation on October 24, 2022.
- This will be the fifth coin in the American Women Quarters (AWQ) Program.
- It will have the Latin phrase “E PLURIBUS UNUM”, which means “out of many, one”.
- It is designed to recognize Wong’s accomplishments while overcoming challenges and hurdles during her lifetime.
- Wong is regarded as Hollywood’s first Chinese-American star, having a decades-long career in motion pictures, television, and theatre amid the widespread racism in the United States.

➤ **Asia’s largest Compressed Bio Gas plant**

- Union Minister of Petroleum and Natural Gas Hardeep Singh Puri recently inaugurated Asia’s largest Compressed Bio Gas (CBG) plant in Lehragaga, Punjab.
- The compressed Bio Gas (CBG) plant in Lehragaga was constructed at the cost of Rs.230 crore over 20 acres of land.
- The project was commissioned with a foreign direct investment (FDI) of Verbio AG – one of the leading bio-energy companies in Germany.
- The CBG plant is currently capable of processing 6 tonnes of paddy straw each day. This capacity will later be expanded to 300 tonnes of paddy straw per day to produce 33 TPD of compressed biogas using eight digesters of 10,000 cubic meters.
- It will address the issue of stubble burning in the state.

➤ **PM Modi launches Mission LiFE**

Prime Minister Modi launched Mission LiFE movement at the Statue of Unity in Gujarat.

Who conceptualized the idea of Mission LiFE?

NITI Aayog conceptualized the idea of Mission LiFE (Lifestyle for Environment).

What is Mission LiFE?

Mission LiFE was introduced by Prime Minister Modi at the COP26 in Glasgow in November 2021. It is an India-led global mass movement that will nudge individual and collective actions towards the protection and preservation of environment. It follows three pronged strategy to achieve this goal:

1. Promotion of environmental-friendly daily practices among people (demand)
2. Enable industries and markets to respond to the shift in demand (supply)
3. Influence government and industrial policy to support both sustainable consumption and production (policy).

The mission aims to mobilize at least 1 billion Indians and foreigners to take actions that will preserve the environment for the period between 2022 and 2027. It aims to make at least 80 per cent of all villages and urban local bodies in India environmentally friendly by 2028.

NATIONAL NEWS

➤ **YUVA 2.0**

- The second edition of the Young, Upcoming and Versatile Authors (YUVA) scheme was launched by the Union Ministry of Education as part of Azadi ka Amrit Mahotsav or India @75 project.
- The scheme is a mentoring programme for young and budding authors below the age of 30.
- Its objective is to promote the culture of reading and writing across India and showcase Indian writing at the international level.
- It aims to bring the perspective of the Indian youth on the theme “Democracy (institutions, events, people, constitutional values past, present and future)”.
- It will benefit budding authors capable of writing on a wide-range of subjects focused on the promotion of Indian culture, heritage and knowledge across the globe.

➤ **IARI Basmati Varieties**

- The IARI has organized Kisan Sampark Yatra from September 27 to 29 this year to get feedback on the 3 new varieties of IARI Basmati varieties.
- The Indian Agricultural Research Institute (IARI) sought feedback on the 3 new varieties of Basmati rice from farmers in the rice cultivating regions of Punjab and Haryana.
- The three newly developed disease resistant varieties are Pusa Basmati 1847, Pusa Basmati 1885 and Pusa Basmati 1886.
- They are highly resistant to bacterial blight and blast diseases. This has been achieved with the help of molecular marker assisted breeding method or MAB. In this method, genetic manipulations are done at the DNA molecular level to breed plant varieties with desired traits.

➤ **Matdata Junction**

- The Chief Election Commissioner of India Rajiv Kumar launched the radio series “Matdata Junction”.
- Matdata Junction is a year-long voter awareness programme launched jointly by the Election Commission of India (ECI) and the All India Radio (AIR).
- This radio series has a total of 52 episodes.
- It was produced by the ECI in collaboration with the AIR.
- This programme is a mixture of information and entertainment.

➤ **What is PM-DevINE?**

- The Union Cabinet has recently approved a new scheme called Prime Minister’s Development Initiative for North East Region (PM-Dev INE).
- PM-Dev INE scheme was announced by the Central Government during Union Budget 2022-23 to remove the developmental gaps in the North Eastern Region (NER).
- The recently launched scheme will be implemented for the remaining four years of the 15th Finance Commission from 2022-23 to 2025-26.
- It was announced to address the shortfalls in Basic Minimum Services (BMS) in the North Eastern Region.
- It will be fully funded by the central government and implemented by the Union Ministry of Development of North Eastern Region (DoNER).

➤ **NITI Aayog-CSIR Report on Lead Poisoning in India**

- A joint study by NITI Aayog and CSIR highlighted the growing concern of lead poisoning among children under 19 years of age in India.
- A new report by the CSIR and NITI Aayog found that India has the highest health and economic burden caused by lead poisoning.

- It analysed 89 data sets from 36 researches that were carried out between 1970 and 2014 to confirm the findings of the 2020 report of the UNICEF and the non-profit Pure Earth.
- The 2020 report found that India accounted for 275,561,163 of the total 800 million children who were poisoned by lead across the world. This means that 50 per cent of children in India suffered lead poisoning.

➤ **PM Kisan Samman Sammelan 2022**

- The PM Kisan Samman Sammelan 2022 will be inaugurated by Prime Minister Modi on October 17 in Indian Agricultural Research Institute, New Delhi.
- The 2-day PM Kisan Samman Sammelan will witness the participation of more than 13,500 farmers from across India and over 1,500 agrt-startups.
- Researchers, policymakers and other stakeholders will also take part in this event.
- During the event, Prime Minister will inaugurate 600 Pradan Mantri Kisan Samruddhi Kendras (PMKSK), which will operate under the aegis of the Ministry of Chemicals and Fertilizers. Under the scheme, the fertilizer retail shops in India will be converted into PMKSK in a phased manner.

➤ **“Most Popular GI” Award**

- Union Ministry of Commerce and Industry recently conferred the ‘Most Popular GI’ award to Hyderabadi Haleem and other GI products.
- Hyderabadi Haleem received the ‘Most Popular GI’ award under the food category and agriculture category.
- It received the award by beating dishes like Rasgulla, Bikaneri Bhujia, and Ratlami Sev.
- The award was presented to the director of Pista House and president of Hyderabad Haleem Makers Association MA Majeed.

ECONOMY

➤ **Implementation of Card Tokenization**

- The Reserve Bank of India has announced that it will not extend the October 1 deadline for the implementation of the card tokenization.
- The deadline has been extended twice previously.
- Around 35 crore tokens have already been created and in September, about 40 per cent of transactions were undertaken using tokens, at a total value of Rs.63 crores.
- The RBI required all merchants to delete the customer debit and credit card details before October 1 and replace the card payments with unique tokens.
- It mandates masking all sensitive details like 16-digit card numbers, names, expiry dates, and codes with a unique card number called token.
- This rule is applicable to all stakeholders except card issuers and card networks.
- Under these rules, the central bank has permitted authorized card payment networks to offer card tokenization services to consumers requesting it.
- After December 31, 2022, it will be impossible to store card details, except by card networks and card issuers.

AWARDS

➤ **Svante Pääbo receives Nobel Prize in Medicine**

- Svante Pääbo received the Nobel Prize in Medicine for his pioneering works in the field of paleogenomics – a branch of science dealing with the reconstruction and analysis of genomic information obtained extinct species.
- The most notable achievements of this Swedish geneticist the sequencing of the entire genome of Neanderthal and the discovery of Denisova – an extinct hominin species.
- He also discovered that genes from the extinct hominins were transferred to Homo Sapiens after they left Africa some 70,000 years ago.

➤ **Nansen Award**

- Former German Chancellor Angela Merkel recently received the Nansen Refugee Award.
- Ex-German Chancellor Angela Merkel received the UNHCR Nansen Award for providing asylum for refugees while in office.
- While Merkel was the Chancellor in 2015 and 2016, Germany welcomed more than 1.2 million refugees and asylum seekers, especially from Syria.
- The UNHCR recognized Merkel's determination to protect asylum seekers, helping them to survive and rebuild after facing war.

➤ **2022 Nobel Prize in Physics**

- Alain Aspect, John Clauser and Anton Zeilinger won the Nobel Prize for their contribution towards the advancement in the understanding of subatomic particles' behaviour
- Their four-decade long research provided solid scientific proof that “entanglement” phenomenon observed in quantum particles are real and not caused by “hidden” or “unknown” forces and that they can be used to achieve technological advancements in computing, secure communications and achieving sci-fi concept of teleportation.

➤ **Nobel Prize in Chemistry 2022**

- Carolyn Bertozzi and Barry Sharpless from the United States and Morten Meldal from Denmark received the Nobel Prize for pioneering the new field of Click Chemistry and demonstrating its potential in pharmaceutical and other sectors.
- They have discovered reactions that allows molecules to snap together, enabling the creation of new compounds and providing insights into cell biology.

➤ **SASTRA Ramanujan Prize for 2022**

- The SASTRA Ramanujan Prize for 2022 was conferred to Yunqing Tang for her works in arithmetic and geometry of modular curves and Shimura varieties.
- Tang was recently involved in a joint research on modular equation in collaboration with Frank Calegari and Vesselin Dimitrov. This research is closely linked to Indian Mathematician Srinivasa Ramanujan's work.
- Yunqing Tang is a Chinese-born Assistant Professor at the University of California, Berkeley.

➤ **2022 Nobel Prize in Literature**

- Annie Ernaux, whose works are mostly autobiographical, received the Nobel Prize for Literature in recognition of her courage and clinical acuity with which she exposes her life through literature.

- Her works are mostly inclined towards sociology, focusing on topics such as abortion and other social issues.
- They are influenced by the sociologist Pierre Bourdieu, Simone de Beauvoir and the May 1968 social unrest.
- Ernaux is only the 17th female author to receive this prestigious award in the field of literature.

➤ **Nobel Peace Prize 2022**

- On October 7, Nobel Peace Prize for 2022 has been conferred to human rights advocate Ales Bialiatski from Belarus, Ukrainian human rights organization named Center for Civil Liberties and Russian human rights organization Memorial.

➤ **2022 Nobel Prize for Economics**

- This year, the Nobel Prize for Economics was conferred to Ben Bernanke, Douglas Diamond and Philip Dybvig.
- The 2022 Nobel Prize for Economics recognized the works that have significantly improved the world's understanding of the role of banks in the economy, especially during the times of financial crises.
- The research by Ben Bernanke, Douglas Diamond and Philip Dybvig found why is it important to prevent the collapse of banks.

DAYS

➤ **International Day of Older Persons**

- The International Day of Older Persons is observed on October 1 every year across the world.
- The International Day of Older Persons is observed annually to honor the contributions of elderly people and looking into the issues faced by them.
- The theme for this year's International Day of Older Persons is "Resilience of Older Persons in a Changing World."
- It recognizes the resilience of older people while facing crisis like the COVID-19 pandemic, worsening climate crisis, conflicts and increasing poverty.
- On this occasion, the Election Commission is honoring voters, aging 100 and above, who have taken part in voting since the first general election of India.

➤ **NPS Diwas**

- NPS Diwas was observed on October 1 by Pension Fund Regulatory and Development Authority (PFRDA).
- The National Pension System Diwas (NPS Diwas) was observed by the pension regulator to promote pension and retirement planning among Indian citizens and attain financial independence after retirement.
- The objective of the NPS Diwas campaign is to encourage all citizens, both working professionals and self-employed professionals, to create a pension corpus and attain a financially secure future post retirement.

➤ **October 3: World Habitat Day 2022**

- The World Habitat Day is observed on the first Monday of October.
- The purpose of this initiative is to promote the fundamental right to have adequate shelter.
- The theme for this year is "Mind the Gap. Leave No One and Place Behind".
- The host city for the 2022 edition is Balikesir, Turkiye.

- It focuses on the problem of rising inequalities and challenges in cities and other human settlements.
- This issue has been worsened because of the triple Cs – coronavirus (COVID-19) pandemic, climate and crisis.

➤ **Indian Air Force Day**

- This year, the celebration of the Indian Air Force Day is organized outside Delhi for the first time.
- It is being organized in Chandigarh, with an hour-long air display of 80 aircraft over the Sukhna Lake.
- During the event, a new combat uniform was unveiled and the creation of a new operational branch of the IAF called Weapon System Branch was announced.
- The day commemorates the official induction of the IAF as the supporting force of the UK’s Royal Air Force in 1932.
- The event involves the participation of Indian Air Force Chief and other senior officers.

➤ **October 11: International Day of Girl Child – Update (October, 2022)**

- International Day of the Girl Child aims to raise global awareness about the gender inequality faced by girls across the world.
- On this occasion, the United Nations and other global entities organize events and talks focusing on topics like child marriage, access to education, violence against women etc.
- This day is also known as the Day of the Girls and the International Day of the Girl.
- The 10th anniversary of the International Day of the Girl Child is observed in 2022.

SPACE

➤ **OneWeb-NewSpace India Partnership**

- OneWeb’s 36 Gen 1 low-earth orbit (LEO) satellites will be launched aboard ISRO’s GSLV-Mk III.
- In April 2022, the London-based satellite communications satellite company OneWeb entered into a partnership with the NewSpace India Limited – the commercial arm of ISRO.
- As part of this deal, the 14th launch of the company’s LEO satellites will take place aboard GSLV-Mk III – the Indian space agency’s heaviest rocket.
- The satellites will be launched from the Satish Dhawan Space Centre (SDSC) in Sriharikota.

➤ **World Space Week 2022**

- World Space Week is observed to create awareness about space activities, inspire next generation to contribute to those activities and promote international cooperation in space outreach and education.
- “Space and Sustainability” is the theme for this year’s World Space Week.
- Its aim is to achieve sustainability in and from space.
- It focuses on how sustainability in space relates to how humanity uses space, especially the orbital area around the Earth.

➤ **Kuafu-1: China’s first space-based solar telescope**

- The Advanced Space-based Solar Observatory (ASO-S) – China’s first space-based solar telescope – was launched recently.
- The Advanced Space-based Solar Observatory (ASO-S) was launched aboard the Long March-2D carrier rocket from the Jiuquan Satellite Launch Center in northwestern part of China.
- It is nicknamed Kuafu-1, after a mythical giant that sought to capture and tame the sun.

- The solar mission, which is expected to last for 4 years, will enable scientists to capture and study the previously unprecedented images of the Sun during the “solar maximum” (when sun has the highest number of sun spots). The solar maximum is expected to occur around the year 2025.

SPORTS

➤ **36th National Games**

- The 2022 National Games of India will be held from September 29 to October 12 this year.
- Also known as Gujarat 2022, it will be organized in Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot and Bhavnagar.
- The event will include sports such as athletics, field hockey, football, volleyball, table tennis, skateboarding, kabaddi, mallakhamba etc.
- Teams from 28 states and 8 union territories are expected to take part in this event.
- A team representing the Indian Armed Forces will also participate in Gujarat 2022.
- The two new UTs – Ladakh and Dadra and Nagar Haveli and Daman and Diu – will make their debut at the National Games this year.
- The last edition of these games was held in Kerala in 2015.

DEFENCE

➤ **India-Armenia Defence Export Deal**

- India has inked an defence export deal with Armenia, which is facing threat from border tensions from Azerbaijan.
- Military equipment like missiles, rockets and ammunition will be exported by India to Armenia under the newly signed export contract.
- The export order includes six additional first-ever export of indigenous Pinaka multi-barrel rocket launchers, anti-tank rockets and ammunitions.
- The estimated value of this contract is over Rs.2,000 crore.
- This comes amid the rising border tensions between Armenia and Azerbaijan. The latter has close diplomatic and military ties with Pakistan and Türkiye.
- Over the years, despite the physical distance, indirect links have arisen between Armenia-Azerbaijan and India-Pakistan.
- Azerbaijan had used Turkish drones at the war with Armenia and is currently in talks with Pakistan to procure JF-17 fighter aircraft.

➤ **First indigenously developed LCH**

- The first indigenously-developed multirole light combat helicopters named Prachand were inducted into the Indian Air Force.
- Prachand was formally inducted into the 143 Helicopter Unit – an IAF fleet in Jodhpur Base, Rajasthan.
- Earlier, the Cabinet Committee on Security (CSS) approved the procurement of the 15 LCH Limited Series Production (LSP) at the cost of Rs.3,887 crore.
- Of the 15 helicopters brought from the LSP, 10 were for the Air Force and the rest were for the Indian Army.
- The LCH was developed after around 20 years of research and development post Kargil War.
- The name Prachand means “fierce”.

➤ **What is HTT-40?**

- The indigenous Basic Trainer Aircraft HTT-40 is set to be unveiled during the 12th edition of the Def Expo on October 19, 2022.
- The indigenous Basic Trainer Aircraft HTT-40 (Hindustan Turbo Trainer-40) is developed and manufactured by state-owned Hindustan Aeronautics Limited (HAL).
- The trainer aircraft is expected to be unveiled at the India Pavilion during the DefExpo 2022.
- The HAL and Indian Air Force will finalize a contract for 70 HTT-40s during the event.
- The aircraft will be powered TPE331-12 family of engines developed by Honeywell International Inc. This enables the trainer aircraft to quickly accelerate, consume lesser fuel, and increase reliability and flexibility to conduct a wide range of training missions.



MULTIPLE CHOICE QUESTIONS

(OCTOBER CURRENT AFFAIRS)

1. After the recent Monetary Policy Committee Meeting of RBI (October 2022), what is the 2022-23 growth projection for India?
 - (a) 6.5 %
 - (b) 7.0 %
 - (c) 7.5 %
 - (d) 8.2 %
2. Enceladus, which was seen in the news, is a moon of which planet?
 - (a) Jupiter
 - (b) Saturn
 - (c) Venus
 - (d) Mars
3. Which state is set to set up world's largest jungle safari park across 10,000 acres?
 - (a) Tamil Nadu
 - (b) Madhya Pradesh
 - (c) Haryana
 - (d) Nagaland
4. Which city has been named the first in the 'Swachh Survekshan Awards 2022'?
 - (a) Mysuru
 - (b) Indore
 - (c) Chennai
 - (d) Bengaluru
5. 'Universal Service Obligation Fund (USOF)' is associated with which Union Ministry?
 - (a) Ministry of Communications
 - (b) Ministry of Electronics and IT
 - (c) Ministry of MSME
 - (d) Ministry of Commerce and Industry
6. Sukapaika River, which was seen in the news, is located in which state?
 - (a) Odisha
 - (b) West Bengal
 - (c) Bihar
 - (d) Uttarakhand
7. Which country's scientist has been elected as the Vice President of the International Astronautical Federation (IAF)?
 - (a) China
 - (b) India
 - (c) Ukraine
 - (d) Bangladesh

8. Who has been appointed as the CEO of MyGov, Ministry of Electronics and IT?
 - (a) Irai Anbu I.A.S
 - (b) Akash Tripathi I.A.S
 - (c) UdhayaChandran I.A.S
 - (d) Amir Subhani I.A.S

9. Which racing driver won the Formula One Singapore Grand Prix 2022 title?
 - (a) Charles Leclerc
 - (b) Lewis Hamilton
 - (c) Sergio Perez
 - (d) Sebastien Vettel

10. Which country has scrapped the proposal to cut tax for the wealthy?
 - (a) USA
 - (b) UK
 - (c) France
 - (d) Italy

11. Indian Navy signed an agreement on White Shipping Information Exchange with which country?
 - (a) USA
 - (b) Japan
 - (c) France
 - (d) New Zealand

12. Which Indian bank has launched 'Smart Wire' online facility for inward wire remittances?
 - (a) Yes Bank
 - (b) ICICI Bank
 - (c) Axis Bank
 - (d) State Bank of India

13. Which private sector bank launched the 'SmartHub Vyapar Merchant app' for SMEs?
 - (a) Axis Bank
 - (b) ICICI Bank
 - (c) HDFC Bank
 - (d) Yes Bank

14. Which state/UT is the host of the 'Heli-India Summit 2022'?
 - (a) Himachal Pradesh
 - (b) Sikkim
 - (c) Jammu and Kashmir
 - (d) Karnataka

15. Which state has the highest number of girls who got married before attaining the age of 21?
 - (a) Bihar
 - (b) West Bengal
 - (c) Rajasthan
 - (d) Haryana

16. Mahakal Lok Project, which was inaugurated recently, is located in which state/UT?
- (a) Maharashtra
 - (b) Madhya Pradesh
 - (c) Uttar Pradesh
 - (d) Gujarat
17. As per the recent RBI guidelines, what is the minimum capital requirement for setting up an asset reconstruction company (ARC)?
- (a) Rs 50 Crore
 - (b) Rs 300 Crore
 - (c) Rs 500 Crore
 - (d) Rs 1000 Crore
18. What is the rank of India in the Commitment to Reducing Inequality Index (CRII) 2022?
- (a) 113
 - (b) 123
 - (c) 134
 - (d) 145
19. Who is the first footballer to reach 700 club career goals?
- (a) Lionel Messi
 - (b) Cristiano Ronaldo
 - (c) Robert Lewandowski
 - (d) Zlatan Ibrahimović
20. Which state topped the Logistics Index in LEADS (Logistics Ease Across Different States) 2022 report?
- (a) Tamil Nadu
 - (b) Andhra Pradesh
 - (c) Maharashtra
 - (d) Gujarat
21. Which state/UT is the host of the 'Heli-India Summit 2022'?
- (a) Himachal Pradesh
 - (b) Sikkim
 - (c) Jammu and Kashmir
 - (d) Karnataka
22. As per the IMF's recent World Economic Outlook report (October 2022), what is India's 2022-23 GDP forecast?
- (a) 5.8 %
 - (b) 6.0 %
 - (c) 6.8 %
 - (d) 7.0 %

23. As per the recent RBI guidelines, what is the minimum capital requirement for setting up an asset reconstruction company (ARC)?
- (a) Rs 50 Crore
 - (b) Rs 300 Crore
 - (c) Rs 500 Crore
 - (d) Rs 1000 Crore
24. Which Indian state is the host of the FIFA U-17 Women's World Cup?
- (a) Karnataka
 - (b) Haryana
 - (c) Odisha
 - (d) Madhya Pradesh
25. Pitt Island, where hundreds of pilot whales were stranded dead, is located in which country?
- (a) USA
 - (b) New Zealand
 - (c) Japan
 - (d) Indonesia
26. The Druzhba oil pipeline, which was seen in the news, delivers Oil from which country?
- (a) Ukraine
 - (b) Russia
 - (c) Malaysia
 - (d) USA
27. Where are the headquarters of SCO-RATS that was making news recently?
- (a) Shanghai
 - (b) Beijing
 - (c) Tashkent
 - (d) Astana
28. Who is the president of Council of Scientific and Industrial Research?
- (a) President of India
 - (b) Prime Minister of India
 - (c) Minister of Science & Technology
 - (d) Secretary, Ministry of Science & Technology
29. What is India's rank in Commitment to Reducing Inequality Index (CRII) 2022?
- (a) 120
 - (b) 123
 - (c) 144
 - (d) 160
30. Who has been selected as the 36th president of the BCCI, taking over from Sourav Ganguly?
- (a) Rahul Dravid
 - (b) Roger Binny

- (c) Vinod Kambli
(d) V V S Lakshman
31. What name has been given to the recently developed microbial consortium of fungal species for rapid decomposition of paddy straw?
(a) Pusa Decomposer
(b) Pusa Decom
(c) Pusa Cleanstraw
(d) Pusa DPS
32. Durgavati Tiger Reserve, which was notified recently, is located in which state/UT?
(a) West Bengal
(b) Madhya Pradesh
(c) Maharashtra
(d) Andhra Pradesh
33. Which state is the host of the 'Indian Urban Housing Conclave-2022'?
(a) Maharashtra
(b) Gujarat
(c) Karnataka
(d) Tamil Nadu
34. As per the 'Climate Transparency Report 2022', which country was the most affected by income losses from heat-related labour capacity reduction?
(a) Indonesia
(b) Saudi Arabia
(c) India
(d) UAE
35. The European parliament's annual Sakharov prize has been awarded to the people of which country?
(a) Iran
(b) Russia
(c) Ukraine
(d) Japan
36. Which food product won the 'Most Popular GI' award of the Commerce and Industry Ministry?
(a) Hyderabadi Haleem
(b) West Bengal Rasgulla
(c) Ratlami Sev
(d) Bikaneri Bhujia
37. What is the theme of the 'World Statistics Day 2022'?
(a) Significance of academic research
(b) Data for Sustainable Development
(c) Progress on SDGs
(d) Data and statistics

38. What is the name of the mascot unveiled for 2023 FIFA Women's World Cup?
- (a) Nina
 - (b) Pokoyo
 - (c) Tazuni
 - (d) Appu
39. Who is the first Asian American to feature on US currency?
- (a) Anna May Wong
 - (b) Elizabeth Sung
 - (c) Jadin Wong
 - (d) Vera Wang
40. Nallamala forest range, which was seen in the news, is located in which state/UT?
- (a) Tamil Nadu
 - (b) Andhra Pradesh
 - (c) Kerala
 - (d) Odisha
41. NaVIC, an equivalent of Global Positioning System (GPS), was developed by which country?
- (a) USA
 - (b) India
 - (c) China
 - (d) Australia
42. Which institution released a 'List of Priority fungal pathogens'?
- (a) UNEP
 - (b) WHO
 - (c) UNFCCC
 - (d) NASA
43. Who has been appointed as the chairperson of the Air Transport Committee (ATC) of the International Civil Aviation Organization (ICAO)?
- (a) Dr Shefali Juneja
 - (b) Vivek Johri
 - (c) Zubair Riaz Kamili
 - (d) Archana Pandey Tiwari
44. 'Sustainable Infrastructure Toward a Connected World' is the theme of which bloc's annual meeting?
- (a) WEF
 - (b) ADB
 - (c) AIIB
 - (d) IMF

45. Which is the first Pacific country to host the World Hindi Conference?
- (a) Tonga
 - (b) New Zealand
 - (c) Fiji
 - (d) Papua New Guinea
46. Which country holds the Presidency of G-20 in 2022?
- (a) China
 - (b) Italy
 - (c) Indonesia
 - (d) Thailand
47. Border Roads Organisation's (BRO) first Carbon Neutral Habitat has been inaugurated in which state/UT?
- (a) Sikkim
 - (b) Ladakh
 - (c) Uttarakhand
 - (d) Himachal Pradesh
48. Which country hosted the 'Global Digital Health Summit, Expo and Innovation Awards'?
- (a) Japan
 - (b) Indonesia
 - (c) India
 - (d) Bangladesh
49. Israel signed a US-mediated sea border deal with which country?
- (a) Spain
 - (b) Lebanon
 - (c) Egypt
 - (d) Syria
50. As per a recent report, which country's Defence Ministry is the largest employer in the world?
- (a) India
 - (b) USA
 - (c) China
 - (d) Russia

CURRENT AFFAIRS

MONTHS OF NOVEMBER 2022

HISTORY AND ART & CULTURE

➤ Wangala Dance

- Wangala Dance was performed by the members of the Garo tribal community on the occasion of 'The Rising Sun Water Fest-2022' on the banks of Umiam Lake in Meghalaya

➤ About Wangala Dance:

- It is also known as a 100 drums festival
- It is performed on the Wangala Festival, which is the harvest festival held to honor Saljong, the Sun-god of fertility
- The ceremony performed on first day is known as "Ragula" is performed inside the house of the chief. On the second day is known as "Kakkat"

➤ Ramayana, Mahabharata, and Buddhist Circuits

New Tourism Policy has been approved by the Uttar Pradesh Cabinet

- As per the policy, places associated with Lord Rama will be developed as the Ramayana Circuit. In addition, places associated with Lord Krishna will be developed as Krishna Circuit
- Ayodhya, Chitrakoot, Bithoor, and other places will be included in the Ramayana circuit
- Mathura, Vrindavan, Gokul, Govardhan, Barsana, Nandgaon, and Baldev will be included in the Krishna circuit
- Kapilvastu, Sarnath, Kushinagar, Kaushambi, Shravasti, Ramgram, and other places will be a part of the Buddhist circuit

➤ Dhamma Dipa International Buddhist University

- The foundation stone of Dhamma Dipa International Buddhist University was laid at Manu Bankul in Tripura
- It will be the the first Buddhist-run university in India to offer Buddhist education along with courses in other disciplines

POLITY AND GOVERNANCE

➤ 22nd Law Commission

- 22nd Law Commission was constituted with Justice (retd) Rituraj Awasthi, former Chief Justice of Karnataka High Court, at its head
- Other members include former Kerala High Court judge Justice K T Sankaran, M Karunanithi, and law professors Anand Paliwal, D P Verma, and Raka Arya

➤ About Law Commission:

- It is non-statutory body that is constituted by a notification of the Government of India
- It is meant to carry out research in the field of law and has definite terms of reference
- So far 277 reports have been submitted by Law Commissions
- It was first constituted in 1955

➤ **Rule of Law Index**

- According to the 2022 World Justice Project (WJP) Rule of Law Index, the rule of law has declined at a global scale for 5th year consecutively
- 140 countries were analyzed and the findings reveal that rule of law declined in 61% of countries
- The factor, which measures Fundamental Rights, has declined in two-thirds of countries this year
- The factor, which measures Constraints on Government Powers, has declined in 58% of the countries
- Since 2015, the factor that measures freedom of opinion and expression has declined in 81% of countries; whereas, that for freedom of assembly and association has declined in 85% of countries
- Biggest decline: Sudan, Myanmar, Haiti, Afghanistan, and Nicaragua
- Biggest improvement: Honduras, Kosovo, Belize, Moldova, and the United States

Country	Rank
Denmark	1
Norway	2
Finland	3
Afghanistan	138
Cambodia	139
Venezuela	140

 **ECONOMY**

➤ **Alternative Industrial Development Model**

- Hindustan Newsprints Limited (a centrally-owned public sector unit that stopped its operations four years ago), lies at the heart of Kerala’s alternate model of development
- Kerala government took over Hindustan Newsprints Limited. The fund was mobilized through the Kerala Infrastructure Investment Fund Board (KIIFB)
- Kerala has prepared a 4-phase revival plan and has made a decision to launch commercial cultivation of bamboo to address the shortage of raw materials

➤ **Digital Rupee or E-Rupee**

- The first pilot in the Digital Rupee, or e-rupee, has been announced by the RBI in the wholesale segment for settling secondary market transactions in government securities
- State Bank of India, Bank of Baroda, Union Bank of India, HDFC Bank, ICICI Bank, Kotak Mahindra Bank, Yes Bank, IDFC First Bank and HSBC will participate in this

➤ **Aim:**

- Make the inter-bank market more efficient
- Reduce transaction costs by pre-empting the need for settlement guarantee infrastructure or for collateral to mitigate settlement risk

➤ **Electronics Manufacturing Cluster**

- An Electronics Manufacturing Cluster will be developed in the Ranjangaon area of Maharashtra at a cost of INR 500 crores
- The cluster is expected to generate jobs and attract investments of over INR 2,000 crore in the coming duration

➤ **Environment Amur Falcons**

- Amur Falcons are locally known as Akhuipuina. They are the world's longest travelling raptors
- They arrive in Manipur and Nagaland when they migrate from their breeding grounds in North China, Eastern Mongolia and far-east Russia to their wintering grounds in South Africa
- Status: o Wildlife (Protection) Act, 1972: Schedule IV o CITES: Appendix II o IUCN Red List: Least Concern

➤ **EMIT**

- NASA's EMIT or Earth Surface Mineral Dust Source Investigation instrument was originally designed for examining the impact of dust on climate. However, it can also detect the presence of methane. It is installed on the International Space Station
- 50 "super-emitters" of methane have been identified in central Asia, the west Asia and the southwestern United States. Most of these sites are related to agriculture and fossil fuel industries
- Where were the plumes located? o Permian Basin, New Mexico o 12 plumes from oil and gas infrastructure in the Caspian Sea port of Hazar, Turkmenistan
- Methane is 80 times more potent greenhouse that carbon dioxide, but stays in the atmosphere for only 10 years

➤ **Senna Spectabilis**

- Senna spectabilis is an invasive species of exotic tree that has taken over between 800 hectares and 1,200 hectares of the buffer zones of the Mudumalai Tiger Reserve (MTR)
- It was initially introduced as an ornamental species and for using as firewood
- It crowds-out the native species and reduces the food availability for wildlife
- Lantana Camara and Wattle are other major invasive species in the Nilgiris

➤ **Fish Museum**

- A fish museum will be built in Arunachal Pradesh
- It will have all the fish species from Tawang to Longdin

➤ **Ganga Utsav**

- Ministry of Jal Shakti has organized Ganga Utsav - The River Festival 2022 on 4th November at the Major Dhyani Chand Stadium in New Delhi
- National Mission for Clean Ganga (NMCG), the Department of Water Resources, River Development and Ganga Rejuvenation, and the Ministry of Jal Shakti had collaborated to organize it

➤ **Snow Leopard**

- Snow Leopard has been recorded from Baltal-Zojila region
- IUCN Red List: Vulnerable
- Wildlife (Protection) Act, 1972: Schedule-I
- Distribution: Ladakh, Himachal Pradesh, Uttarakhand, and Sikkim

➤ **Tokhü Emong Bird Count**

- Nagaland undertook its the first avian documentation exercise called Tokhü Emong Bird Count
- The exercise was organized by Wokha Forest Division and the Divisional Management Unit, Nagaland Forest Management Project (NFMP), Wokha, Nagaland and Bird Count India
- The aim is to generate awareness among the students on bird conservation

- The timing of this event has been kept in line with the post-harvest Tokhü Emong festival of the Lotha Nagas

- **Methane Alert and Response System (MARS)**
 - In order to track methane emissions, UN will be setting up a satellite-based monitoring system
 - Methane Alert and Response System, or MARS, will allow the integration of data from a large number of existing and future satellites
 - Methane has more potential to cause global warming as compared to carbon dioxide
 - Methane comprises of about 17% of the current global greenhouse gas emissions
 - Methane has few sources, hence it is easier to reduce its emissions
 - A reduction of 30% in methane emissions by 2030 may avoid 0.2 degree rise in temperature by 2050

- **Climate Change and Health**
 - The 2022 Lancet Countdown on Health and Climate Change: Health at the Mercy of Fossil Fuels has mentioned that increased reliance on fossil fuels increases the risk of disease, food insecurity and other illnesses related to heat
 - From 2000-2004 to 2017-2021, heat-related deaths increased by 55% in India
 - Subsidies provided for the consumption of fossil fuels cases decline in air quality, decline in food output, and increase in the risk of infectious diseases
 - In comparison to 1985-2005, infants less than one year in age experienced an average of 72 million more person-days of heatwaves per year from 2012 to 2021
 - For adults over the age of 65 in India, the number was 301 million person-days
 - 167.2 billion potential labour hours were lost in India in 2021. The means a loss of income equivalent to about 5.4% of national GDP

- **Arittapatti**
 - Arittapatti and Meenakshipuram villages in Madurai district were declared as the first biodiversity heritage site in Tamil Nadu

- **Details:**
 - 250 species of birds including three important raptors:
 - Laggar Falcon, the Shaheen Falcon and Bonelli's Eagle o It is also home to Indian Pangolin,
 - Slender Loris and pythons
 - It also serves as a watershed and charges 72 lakes, 200 natural springs and three check dams
 - It hosts many megalithic structures, rock-cut temples, Tamil Brahmi inscriptions and Jain beds

- **Black Corals**
 - A new species of Black Corals has been discovered which lives 2,500 feet below the surface
 - Black Corals are known as deep-sea corals. These are filter feeders and eat tiny zooplankton
 - Geography and Agriculture
 - Groundwater Over-Exploitation

➤ **Schemes undertaken by various state governments for water conservation:**

Scheme	State
Mukhyamantri Jal Swavlamban Abhiyan	Rajasthan
Jalyukt Shibir	Maharashtra
Sujalam Sufalam Abhiyan	Gujarat
Mission Kakatiya	Telangana
Neeru Chettu	Andhra Pradesh
Jal Jeevan Hariyali	Bihar
Jal Hi Jeevan	Haryana
Kudimaramath	Tamil Nadu

- Total annual groundwater extraction for all uses in the country is around 245 Billion Cubic Metre (BCM). Out of this, 218 BCM is for agricultural use

➤ **Various other schemes include:**

- Atal Bhujal Yojana (Atal Jal):
- It is being implemented in certain water stressed areas of the country. It includes activities like preparation of water security plan at Gram Panchayat level in participatory mode by involving communities
- Per Drop More Crop component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY): It is implemented by the Department of Agriculture & Farmers Welfare (DA & FW). It aims at improving the water use efficiency at farm level through micro irrigation (drip and sprinkler irrigation system)
- Jal Shakti Abhiyan (JSA): It was launched in 2019. It is a time bound campaign with a mission mode approach intended to improve water availability including ground water conditions in the water stressed blocks of 256 districts in India
- National Aquifer Mapping and Management program (NAQUIM): It is being implemented by CGWB as part of Ground Water Management and Regulation (GWM & R) Scheme. NAQUIM envisages mapping of aquifers (water bearing formations), their characterization and development of Aquifer Management Plans to facilitate sustainable management of groundwater resources

➤ **State of Food and Agriculture Report, 2022**

- State of Food and Agriculture Report, 2022 was published by FAO (Food and Agriculture Organization)
- The report focused on how agricultural automation can contribute in the achievement of sustainable development goals

➤ **Highlights of the report:**

- Automation can lead to efficient and environmentally friendly food production
- Automation can increase inequalities as small-scale producers might not be able to invest in it
- At places where manual and rural labour is more, automation can lead to unemployment
- Automation in agriculture also varies according to the region. For instance, there are more than 400 tractors per 1,000 hectare of arable land in Japan, whereas in Ghana, it is just 0.4

➤ **Fertilizer Imports**

- In the first half of fiscal year 2022-23, Russia has taken over 21% share of the Indian fertilizer market, thereby replacing China
- With this, Russia has become the biggest supplier of fertilizer for India

➤ **International News IMT TRILAT**

- The first edition of India-Mozambique-Tanzania Trilateral Exercise (IMT TRILAT), a joint maritime exercise among the Indian, Mozambique and Tanzanian navies commenced at Dar Es Salaam, Tanzania on 27 Oct 22
- Objectives: capability development to address common threats through training and sharing of best practices, enhancing interoperability, and strengthening maritime cooperation

➤ **Goa Maritime Symposium (GMS)**

- The fourth edition of the Goa Maritime Symposium (GMS) was conducted by the Naval War College (NWC) at Goa
- Participants: Captains/ Commanders and equivalent-rank officers from Navies/ Maritime forces from friendly foreign countries viz., Bangladesh, Comoros, Indonesia, Madagascar, Malaysia, Maldives, Mauritius, Myanmar, Seychelles, Singapore, Sri Lanka, and Thailand, besides India.

➤ **About GMS:**

- It was started by the Indian Navy in 2016
- It is a forum for fostering collaborative thinking, cooperation and mutual understanding between India and key maritime nations of the Indian Ocean Region (IOR)
- It is conducted biennially
- The theme of GMS-2022 is “Maritime Security Challenges in the Indian Ocean Region: Converting Common Maritime Priorities into Collaborative Mitigation Frameworks”

➤ **Mongolia’s first Greenfield Oil Refinery**

- Megha Engineering and Infrastructure Limited (MEIL) will build Mongolia’s first Greenfield oil refinery in Ulaanbaatar
- Megha Engineering and Infrastructure Limited (MEIL) is based in Hyderabad and will provide EPC (Engineering, procurement, and construction) services and EPC-3 (captive power plants) for \$790 million

➤ **Garuda-VII Air Exercise**

- Garuda VII is the seventh edition of the bilateral air exercise between India and France
- It will be conducted in Jodhpur

➤ **Malabar Naval Exercise**

- Indian, Australia, Japan, and the US will participate in the 26th International Malabar Naval Exercise at Yokosuka of Japan
- The exercise started in 1992 along the Malabar Coast

➤ **High-Performance Computing**

- India and EU have signed an Agreement for Cooperation in High-Performance Computing
- Ministry of Electronics and IT (MeitY), and the Directorate-General for Communications Networks, Content and Technology (DG CONNECT) were involved in the agreement
- Intent of Cooperation on High Performance Computing (HPC), Weather Extremes & Climate Modeling and Quantum Technologies
- Aim: Deepen technological cooperation on quantum and high-performance computing

➤ **Qatar-China Gas Deal**

- QatarEnergy has announced a 27-year natural gas supply deal with China
- Four million tonnes of liquefied natural gas will be sent annually from North Field East project to China Petroleum and Chemical Corporation (Sinopec)
- China is the first country to bag a deal for North Field East

➤ **International Electrotechnical Commission**

- India won the International Electrotechnical Commission (IEC) Vice Presidency and Strategic Management Board (SMB) Chair for 2023-25
- Vimal Mahendru will be the IEC Vice President who will represent India

➤ **Austra Hind 22**

- Austra Hind 22, a bilateral training exercise, between contingents of the Indian Army and the Australian Army will be held at Mahajan Field Firing Ranges in Rajasthan

 **SCIENCE & TECHNOLOGY**

➤ **Salmonella**

- Salmonella typhimurium ST313 is an invasive non-typhoidal Salmonella serovar (serovar or serotype is a grouping of microorganisms on the basis of their cell surface antigens)
- It is known to cause bloodstream infection in the malnourished and immunocompromised population of sub-Saharan Africa
- Moreover, multi-drug resistant (MDR) phenotype has been reported in Salmonella typhimurium DT104, which causes infection in humans and cattle
- What is the cause of drug resistance in microorganisms?
 - o Because of the indiscriminate and unselective use of antibiotics, microorganisms have developed drug resistance
 - o Because of this drug resistance, it becomes difficult to treat illnesses caused by these microorganisms
- 360 cases of typhoid fever per 1,00,000 people, with an annual estimate of 4.5 million cases and 8,930 deaths (0.2% fatality rate) have been reported in India
- Recent research:
 - o Outer membrane protein A (OmpA) could restrict the entry of antibiotics into the bacteria
 - o Removing OmpA resulted in a greater intake of medicine in bacteria, leading to its death by disrupting its outer envelope
 - o This can also be used to develop novel antimicrobials for other pathogens

➤ **Glyphosate**

- Union Ministry of Agriculture and Farmers Welfare has restricted the use of glyphosate. Only authorized Pest Control Operators will be allowed to use it
- It is a weedicide
- Health impacts:
 - Cancer
 - Reproductive and developmental toxicity
 - Neurotoxicity
 - Immunotoxicity

➤ **Coronal Holes**

- These are regions on the sun's surface from where fast solar wind gushes out into space

- They contain little solar material, as a result of which they have lower temperatures. Thus, they appear much darker than their surroundings

➤ **National Bio Energy Programme**

- Ministry of New and Renewable Energy (MNRE), Government of India has notified the National Bioenergy Programme
- The program will be for the period FY 2021-22 to 2025-26, and will be implemented in two phases
- The program has the following sub-schemes:
- Waste to Energy Programme (Programme on Energy from Urban, Industrial and Agricultural Wastes /Residues) to support setting up of large Biogas, BioCNG and Power plants (excluding MSW to Power projects)
- Biomass Programme (Scheme to Support Manufacturing of Briquettes & Pellets and Promotion of Biomass (non-bagasse) based cogeneration in Industries) to support setting up of pellets and briquettes for use in power generation and nonbagasse based power generation projects
- Biogas Programme to support setting up of family and medium size Biogas in rural areas

➤ **Malaria Vaccine**

- Malaria kills nearly 600,000 people every year. Majority of this population includes children under the age of five in sub-Saharan Africa
- RTS,S/AS01 (Mosquirix) developed by GlaxoSmithKline was given WHO approval in October 2021
- Limitations of RTS,S/AS01 (Mosquirix): It has has modest efficacy and reduces severe malaria cases by only about 30% after four doses
- Another malaria vaccine, R21/Matrix M, developed by the University of Oxford in the UK, demonstrated an efficacy of 77% in phase 1 and 2 trials

➤ **Details about vaccines:**

- These contain a major protein that is found on the surface of the liver stage parasite, called sporozoite, and hepatitis B virus surface antigen (HBsAg)
- RTS,S has about 20% of the fusion protein, with the remaining 80% made up of HBsAg antigen
- R21 is made up entirely of the CSP fusion protein moieties
- RTS,S is formulated with an adjuvant called AS01
- R21 employs an adjuvant called Matrix-M

➤ **CRISPR**

- CRISPR technology has been used to insert genes that allow immune cells to attack cancer cells, potentially leaving normal cells unharmed and increasing the effectiveness of immunotherapy
- This is the first time that scientists have used CRISPR technology for this purpose
- CRISPR technology removes specific genes and inserts new genes in immune cells. This allows the immune cells to recognize mutations in the patient's own cancer cells

➤ **Rohini RH-200 Sounding Rocket**

- Indian Space Research Organisation (ISRO) has attempted the 200th consecutively successful launch of the Rohini RH-200 sounding rocket

➤ **About RH-200:**

- Solid motor-powered, expendable rocket
- Capable of climbing up to a height of 70 km
- It can bear payloads designed to study the upper atmosphere

➤ **Gram-Negative Bacteria**

- Acinetobacter baumannii, a gram-negative bacteria, which causes infection in the blood, urinary tract and lungs, was resistant to high-end antibiotics
- Gram-negative bacteria has a thin peptidoglycan cell wall sandwiched between an inner cytoplasmic cell membrane and a bacterial outer membrane
- What is Antimicrobial Resistance (AMR)?
- When microorganisms such as bacteria, viruses, fungi and parasites stop responding to medicines due to their adaptations, the phenomenon is known as antimicrobial resistance
- This is usually attributed to overuse of antibiotics
- India's 1st Integrated Rocket Facility
- India's 1st integrated rocket design, manufacturing and testing facility will be set up in Hyderabad by Skyroot Aerospace

➤ **Red Planet Day**

- November 28th was marked as the Red Planet Day
- On November 28, 1964, the NASA mission Mariner 4 was launched, which provided information about Mars

➤ **Other space explorations:**

- **NASA:** Mars Insight (lander), Curiosity (rover), and three orbiters Mars Reconnaissance Orbiter, Mars Odyssey, and MAVEN
- **India:** Mangalyaan-1
- **EU:** Mars Express and ExoMars Trace Gas Orbiter

➤ **SARAS 3 Telescope**

- SARAS 3 is a radio telescope designed and built at the Raman Research Institute (RRI)
- It has provided clues about the nature of first stars and galaxies of the Universe
- Properties of radio luminous galaxies, which were formed just 200 million years post the Big Bang, have been determined

 **SOCIETY**

➤ **PARAKH**

- PARAKH (Performance Assessment, Review and Analysis of Knowledge for Holistic Development) has been envisaged as an instrument for “establishing comparative measures and equivalence” among school examination boards and promoting collaboration among them
- It has been proposed by the NCERT. Educational Testing Services (ETS), American Institutes for Research (AIR) and the Australian Council for Educational Research (ACER) have expressed their interest in helping in setting up PARAKH
- PARAKH can resolve the issue of disparity in scores of students affiliated to different boards
- As per the National Education Policy (NEP) 2020, PARAKH will function as a standard setting body for student assessment and evaluation for all school boards

➤ **Poshan Vatika**

- As per the Union Women and Child Development Ministry, in 2021, India had 1.8 million severely acute malnourished children
- Children belonging to the tribal population suffer the most

- What is Poshan Vatika?
 - o Poshan Vatika or nutri-gardens provide fresh supply of fruits and vegetables
 - o These are built within the premises of the house or near schools

➤ **Salient features:**

- Nutrition survey and mobilization of individuals
- Selection and training of youth on nutrition and horticultural practices
- Dissemination of user-friendly literature
 - o Procurement, production, processing and storage of seeds and planting materials
- On-farm level training to farmers on seed preparation to harvest and storage of the neglected and underutilised food plants

➤ **Sugamya Bharat Abhiyan**

- Accessible India Campaign (AIC), also known as Sugamya Bharat Abhiyan was launched by the Union government in 2015
- Aim: Enhancing accessibility, creating awareness and sensitization for creation a universal barrier free environment
- It has 3 main pillars:
 - Built-Up Environment
 - Transportation System
 - Information & Communication (ICT) ecosystems
- What have been the initiatives and achievements so far?
- Features of accessibility in 1630 Government buildings, 35 International Airports and 55 Domestic Airports
- More accessibility of Central and State/ UT government websites
- Provision of ramps, handrails and accessible toilets in about 71% of government and government-aided schools

➤ **Swachh Vidyalaya Puraskar**

- 39 schools in the country were awarded the Swachh Vidyalaya Puraskar for the 2021-2022 academic session
- They were awarded by the Ministry of Education
- Out of the 39 schools, 28 were government aided and 11 were private
- Awards have been given for work in the field of water, sanitation, and hygiene

✚ GOVERNMENT SCHEMES

➤ **CM Dashboard**

- Haryana government launched CM Dashboard Portal for real-time data of all departments and decisions taken on major schemes
- Live monitoring can be done at the block, district, and panchayat levels

➤ **Green Energy Open Access Portal**

- Green Energy Open Access Portal will allow electricity consumers to get supply of renewables. These consumers must have a sanctioned load of 100Kw or above
- The green energy open access will be granted in 15 days

PERSON IN NEWS AND AWARDS

- **Shyam Saran Negi**
 - Shyam Saran Negi, who was the first voter of Independent India, casted his vote for the 34th time for the Himachal Pradesh Assembly elections
- **Aruna Sairam**
 - Aruna Sairam has been awarded the French government's highest honour, Chevalier de l'Ordre des Arts et des award
- **Ezhuthachan Award**
 - Sethu (A. Sethumadhavan) has received Kerala government's prestigious Ezhuthachan Puraskaram (Award) for his contribution to Malayalam language and literature
- **Amit Dasgupta**
 - Amit Dasgupta has been appointed as an Honorary Member in the General Division of the Order of Australia (AM)
- **National Monuments Authority Chairman**
 - Professor Kishor Kumar Basa has been appointed as the chairman of the National Monument Authority (NMA)
- **Chief Justice of India**
 - Justice D Y Chandrachud has been appointed as the 50th Chief Justice of India
- **Aruna Miller**
 - Aruna Miller has become the first Indian-American to hold the office of Lieutenant Governor in Maryland
- **International Kannadiga Rathna Award 2022**
 - Yaduveer Krishnaraja Chamaraja (YKC) Wadiyar was awarded the International Kannada Rathna Award
- **Kuldip Nayar Patrakarita Samman**
 - Kuldip Nayar Patrakarita Samman was given to Arfa Khanum Sherwani
 - Kuldip Nayar Patrakarita Samman is provided by the Gandhi Peace Foundation
- **ICC Chairman**
 - Greg Barclay has been re-elected as the chairman of International Cricket Council (ICC)
- **Venki Ramakrishnan**
 - Nobel laureate Professor Venki Ramakrishnan was awarded the Order of Merit by Britain's King Charles III
- **Slovenia's First Female President**
 - Natasa Pirc Musar was elected as Slovenia's First Female President

➤ **Governor of West Bengal**

- Dr CV Ananda Bose has been appointed as the Governor of West Bengal

➤ **Kassym-Jomart Tokayev**

- Kassym-Jomart Tokayev has been re-elected as the President of Kazakhstan

➤ **Sumitra Charat Ram Award**

- Dr. Uma Sharma, Kathak exponent, received the prestigious ‘Sumitra Charat Ram Award’ for Lifetime Achievement

➤ **National Awards for e-Governance**

- e-Panchayat Mission Mode Project (eGramSwaraj and AuditOnline) of Ministry of Panchayati Raj won the Gold Award in Excellence in Government Process Re-engineering for Digital Transformation category of National Awards for e-Governance

 **SPORTS**

➤ **Mexican Grand Prix 2022**

- Max Verstappen won the Mexican Grand Prix 2022

➤ **French Open Super 2022**

- Satwiksairaj Rankireddy and Chirag Shetty won the French Open Super 2022 badminton tournament men’s doubles title

➤ **Asian Continental Chess championship**

- R Praggnanandhaa and P V Nandhidhaa won the titles in Asian Continental Chess championship

➤ **Track Asia Cup 2022 Cycling Tournament**

- Kerala will host the Track Asia Cup 2022 Cycling Tournament at LNCPE Outdoor Velodrome from 25th November 2022 to 28th November 2022
- The tournament is sanctioned by Asian Cycling Confederation and Cycling Federation of India

➤ **Rising Sun Water Fest 2022**

- Rising Sun Water Fest 2022 was a three-day watersport held at Umiam Lake, Meghalaya from 3rd to 5th November
- It was an initiative by the Indian Army’s Eastern Command with the governments of Assam and Meghalaya

➤ **Asian Squash Team Championships**

- Indian men’s team, led by Saurav Ghosal, won gold at the Asian Squash Team Championships

➤ **Suryakumar Yadav**

- Suryakumar Yadav has become the first Indian player to score 1,000 T20 International runs in one calendar year

➤ **BWF Para-Badminton World Championships**

- Pramod Bhagat and Manisha Ramadass won gold medals in singles at the BWF ParaBadminton World Championships in Tokyo

➤ **Khelo India National University Games**

- Uttar Pradesh will host the Khelo India National University Games in 2023-24 in Lucknow, Gorakhpur, Varanasi, and Noida

➤ **Paris Masters**

- Holger Rune won the Men's single Paris Masters 2022

➤ **Indian Olympic Association (IOA) Athletes Commission**

- MC Mary Kom, PV Sindhu, Mirabai Chanu and Gagan Narang were one of the 10 sportspersons to be elected as members of the Indian Olympic Association (IOA) Athletes Commission

➤ **Achanta Sharath Kamal**

- Achanta Sharath Kamal has become the first Indian player to get elected in the Athletes' Commission of the International Table Tennis Federation (ITTF)

➤ **Asian Airgun Championship**

- Shiva Narwal won the gold medal in the 10m men's air pistol competition at Asian Airgun Championship in Daegu, South Korea

➤ **Novak Djokovic**

- Novak Djokovic won the 6th ATP Finals singles title

➤ **Asian Cup Table Tennis Tournament**

- Manika Batra became the first Indian woman to win a medal at the Asian Cup Table Tennis Tournament

➤ **Cristiano Ronaldo**

- Cristiano Ronaldo has become the first male soccer player to score in 5 football world cups

➤ **Davis Cup**

- Canada won their first Davis Cup title in its 110th edition

 **OTHERS**

➤ **World Vegan Day**

- World Vegan Day was observed on 1st November

➤ **Vigilance Awareness Week**

- Vigilance Awareness Week was observed from 31st October to 6th November 2022
- **Theme:** Corruption-free India for a developed Nation

➤ **International Day to End Impunity for Crimes against Journalists (IDEI)**

- International Day to End Impunity for Crimes against Journalists (IDEI) was observed on 2nd November
- Theme: Protecting Media to Protect Democracy
- World Tsunami Awareness Day was observed on 5th November
- Theme: Early Warning and Early Action Before Every Tsunami

- **World's First Vedic Clock**
 - Ujjain (Madhya Pradesh) will get world's first Vedic clock that will be synced with the position of the Sun
- **International Day for Preventing the Exploitation of the Environment in War and Armed Conflict**
 - International Day for Preventing the Exploitation of the Environment in War and Armed Conflict was observed on 6th November
- **National Cancer Awareness Day**
 - National Cancer Awareness Day was celebrated on 7th November
- **Infant Protection Day**
 - Infant Protection Day was observed on 7th November
- **World Radiography Day**
 - World Radiography Day was observed on 8th November
 - Theme: Radiographers at the Forefront of Patient Safety
- **Urban Mobility India (UMI) Conference & Expo**
 - 15th Edition of Urban Mobility India (UMI) Conference & Expo was held at Kochi, Kerala
 - The event was organized by the Ministry of Housing and Urban Affairs in collaboration with Govt. Of Kerala
- **Uttarakhand Foundation Day**
 - Uttarakhand Foundation Day is observed on 9th November
- **International Week of Science and Peace**
 - International Week of Science and Peace was observed from 9th to 14th November
- **QS Asia University Rankings 2023**
 - Indian Institute of Technology (IIT) Bombay, IIT Delhi, and Indian Institute of Science (IISc) Bangalore have been at the top amongst the Indian Universities
 - Following tables provides the details of top 3 universities in Asia and India:

University	Rank
Peking University	1
National University of Singapore	2
Tsinghua University	3
University (Indian)	Rank
IIT Bombay	40
IIT Delhi	46
IISc Bangalore	52

- **World Science Day for Peace and Development**
 - World Science Day for Peace and Development was observed on 10th November
 - Theme: Basic Sciences for Sustainable Development

- **National Education Day**
 - National Education Day was observed on 11th November
 - Theme: Changing Course, Transforming Education
- **World Pneumonia Day**
 - World Pneumonia Day was observed on 12th November
 - Theme and Slogan: Pneumonia Affects Everyone
- **World's Longest River Cruise**
 - Ganga Vilas Cruise will connect Varanasi in Uttar Pradesh to Dibrugarh in Assam, and travel through Kolkata and Dhaka
 - This involves a distance of 4,000 km
 - The ship will pass through national parks and sanctuaries. Some of these include Kaziranga National Park and Sundarbans Delta
 - The cruise will start its journey from January 2023
- **Offshore Security Exercise Prasthan**
 - Offshore Security Exercise Prasthan was conducted in the Krishna Godavari Basin Offshore Development Area (ODA) under the aegis of Headquarters, Eastern Naval Command
 - The exercise is conducted every 6-months
- **Aim:**
 - Ensure offshore security
 - Integrate the efforts of all maritime stakeholders who look after the offshore defence
 - World Diabetes Day
 - World Diabetes Day was observed on 14th November
 - Theme: Access to Diabetes Care
- **World Kindness Day**
 - World Kindness Day was celebrated on 13th November
 - Theme: Be kind whenever possible
- **International Day for Tolerance**
 - International Day for Tolerance was observed on 16th November
- **National Press Day**
 - National Press Day was observed on 16th November
- **National Naturopathy Day**
 - National Naturopathy Day was observed on 18th November
 - Theme: Naturopathy: an Integrative medicine
- **Network Readiness Index 2022**
 - India was placed at 6th position on the Network Readiness Index 2022 (NRI 2022) report
 - NRI Report maps the network-based readiness landscape of 131 economies based on their performances in four different pillars:
 - ❖ Technology
 - ❖ People

- ❖ Governance
- ❖ Impact

- The report has been prepared by the Portulans Institute
- Indicators where India has performed well:
 - ❖ AI talent concentration
 - ❖ Mobile broadband internet traffic within the country
 - ❖ International Internet bandwidth
 - ❖ Annual investment in telecommunication services
 - ❖ Domestic market size
 - ❖ ICT Services exports
 - ❖ FTTH/Building Internet subscriptions
 - ❖ AI scientific publications

➤ **Global Partnership on AI**

- India will be taking over the chairmanship of Global Partnership on AI from France
- Canada and USA were elected to the two additional government seats on the Steering Committee

➤ **World Fisheries Day**

- World Fisheries Day was observed on 21st November

➤ **UNESCO-India-Africa Hackathon**

- UNESCO-India-Africa Hackathon was inaugurated at Gautam Buddha University in Greater Noida, Uttar Pradesh
- Organized by: Union Ministry of Education
- Participation by: Students from 22 African countries
- Aim: Find technology-based solutions to address in issues in education, agriculture, health, energy and drinking water

➤ **National Institute of Educational Planning and Administration**

- National Institute of Educational Planning and Administration, NIEPA, celebrated the Diamond Jubilee anniversary of its establishment in New Delhi
- It is one of the most recognized national institutions in the theory and practice of educational policy, planning and administration

➤ **Constitution Day**

- Constitution Day was celebrated on 26th November National Milk Day
- National Milk Day was celebrated on 26th November 14th Edition of Aero India
- 14th Edition of Aero India 2023 will be held from 13th to 17th February 2023

MULTIPLE CHOICE QUESTIONS
(NOVEMBER CURRENT AFFAIRS)

1. Which country's President is mandated to bring out the National Security Strategy (NSS)?
 - (a) China
 - (b) Russia
 - (c) USA
 - (d) France

2. Which institution regulates the 'KYC Registration Agencies (KRA)'?
 - (a) SEBI
 - (b) RBI
 - (c) IRDAI
 - (d) PFRDA

3. Which country launched the lab module named 'Mengtian' for its space station?
 - (a) Russia
 - (b) USA
 - (c) China
 - (d) Israel

4. Which racing driver won the Mexico Grand prix title?
 - (a) Lewis Hamilton
 - (b) Sergio Pérez
 - (c) Max Verstappen
 - (d) Charles Leclerc

5. Which state hosted the 'Mangarh Dham ki Gaurav Gatha' programme?
 - (a) Rajasthan
 - (b) Uttar Pradesh
 - (c) Gujarat
 - (d) Maharashtra

6. Indian Veterinary Research Institute (IVRI) has demanded ban of which drug to be used on cattle?
 - (a) Aceclofenac
 - (b) Progestin
 - (c) Erythromycin
 - (d) Colistin

7. When is the 'International Day to End Impunity for Crimes against Journalists' observed?
 - (a) 1 November
 - (b) 2 November
 - (c) 5 November
 - (d) 7 November

8. Which state is the host of the 'Urban Mobility India Conference and Expo 2022'?
 - (a) Tamil Nadu
 - (b) Kerala
 - (c) Karnataka
 - (d) Maharashtra

9. Which word has been selected as the 'Word of the Year 2022 by Collins dictionary'?
- (a) Lock Down
 - (b) Permacrisis
 - (c) Pandemic
 - (d) Non-Fungible Token
10. Which state/UT is the host of the 'Purple Fest: Celebrating Diversity'?
- (a) Jammu and Kashmir
 - (b) Goa
 - (c) Sikkim
 - (d) Nagaland
11. When is the 'National Cancer Awareness Day' observed in India?
- (a) August 7
 - (b) November 7
 - (c) January 7
 - (d) April 7
12. 'International Week of Science and Peace' is observed in which month?
- (a) August
 - (b) November
 - (c) January
 - (d) March
13. Which city is the host of 'PM Gati Shakti Multimodal Waterways Summit'?
- (a) Pune
 - (b) Kolkata
 - (c) Varanasi
 - (d) Ahmedabad
14. Which institution has launched the 'Executive Action Plan of Early Warnings for All' during COP-27?
- (a) IMF
 - (b) WEF
 - (c) WMO
 - (d) UNEP
15. 'SAMEEKSHA' is a platform promoted by which Union Ministry?
- (a) Ministry of Power
 - (b) Ministry of New and Renewable Energy
 - (c) Ministry of Science and Technology
 - (d) Ministry of MSME
16. As per the 'Dynamic Ground Water Resource Assessment', what is the annual ground water recharge for India?
- (a) 37.60 billion cubic meters
 - (b) 137.60 billion cubic meters
 - (c) 437.60 billion cubic meters
 - (d) 937.60 billion cubic meters

17. As per the recent amendments in Electoral Bonds Scheme, sale for additional 15 days will be allowed for which elections?
- (a) State Legislative assembly Elections
 - (b) State Legislative council Elections
 - (c) Local Body Elections
 - (d) Rajya Sabha Elections
18. Which Indian state observed 10th November 2022 as 'Millet Day'?
- (a) Tamil Nadu
 - (b) Odisha
 - (c) Kerala
 - (d) Karnataka
19. Which state has been conferred the India Agribusiness Award-2022 in the category of "Best State"?
- (a) Punjab
 - (b) Haryana
 - (c) Karnataka
 - (d) Odisha
20. Which institution released the 'Global Vaccine Market Report 2022'?
- (a) WHO
 - (b) UNEP
 - (c) John Hopkins University
 - (d) Oxford University
21. Which global group announced the 'Global Shield' insurance initiative?
- (a) G-7 and V20
 - (b) WEF
 - (c) UNEP
 - (d) G-20 and V20
22. Which institution created a new position called 'Professor of Practice' (PoP)?
- (a) AICTE
 - (b) UGC
 - (c) NTA
 - (d) IIT-Bombay
23. Which technology company is developing a model that can support the 1,000 most spoken languages of the world?
- (a) Meta
 - (b) Google
 - (c) Twitter
 - (d) Apple
24. Which company has launched a suite of solutions for ESG Intelligence?
- (a) Dun & Bradstreet India
 - (b) J.P. Morgan
 - (c) ICBC
 - (d) Goldman Sachs Group

25. Who is the first Indian to be chosen to the International Table Tennis Federation's Athletes' Commission (ITTF)?
- (a) Sharath Kamal
 - (b) Manika Batra
 - (c) Sathiyam Gnanasekaran
 - (d) Sutirtha Mukherjee
26. India is set to unveil 'Young Professionals Scheme' with which country?
- (a) Japan
 - (b) South Korea
 - (c) UK
 - (d) USA
27. Naturopathy Day is observed to commemorate the membership of which leader?
- (a) Mahatma Gandhi
 - (b) Nelson Mandela
 - (c) Jawaharlal Nehru
 - (d) Rabindranath Tagore
28. 'Artemisinin' which was seen in the news, is a major component of drugs against which disease?
- (a) Diabetes
 - (b) Malaria
 - (c) SARS
 - (d) Hypertension
29. Which institution released the 'Handbook of Statistics on Indian States 2021-22'?
- (a) SEBI
 - (b) RBI
 - (c) NITI Aayog
 - (d) Department of Economic Affairs
30. 'Mars Sample Return Mission' is an initiative of which space agencies?
- (a) ISRO-ESA
 - (b) NASA-ESA
 - (c) ISRO-NASA
 - (d) ESA-JAXA
31. What is the theme of 'World Antimicrobial Awareness Week' 2022?
- (a) Preventing Antimicrobial Resistance Together
 - (b) Awareness about antibiotic resistance
 - (c) Response of parasites to Medicines
 - (d) Global Health
32. Which state hosted the 2nd edition of North East Olympic Games in 2022?
- (a) Assam
 - (b) Meghalaya
 - (c) Manipur
 - (d) Sikkim

33. India held a bilateral cyber policy dialogue with which country?
(a) USA
(b) Australia
(c) Sweden
(d) Spain
34. Which country launched the 'Hwasong-17' or the Monster missile?
(a) China
(b) Israel
(c) North Korea
(d) Japan
35. Which state recently restored the old pension scheme (in November 2022)?
(a) Odisha
(b) Punjab
(c) Telangana
(d) Kerala
36. Which is the host of the 'ASEAN India Music Festival'?
(a) Mumbai
(b) New Delhi
(c) Gandhi Nagar
(d) Chennai
37. Which Indian bank has partnered with JCB India to finance heavy equipment buyers?
(a) Canara Bank
(b) Federal Bank
(c) Punjab National Bank
(d) HDFC Bank
38. Article 324 of the Constitution, which was seen in the news, is related to the appointment of which position?
(a) President
(b) Governor
(c) Election commissioner
(d) Supreme Court Judge
39. Which Union Ministry launched Mentorship, Advisory, Assistance, Resilience and Growth (MAARG) portal?
(a) Ministry of Commerce and Industry
(b) Ministry of MSME
(c) Ministry of Skill Development and Entrepreneurship
(d) Ministry of Labour and Employment
40. Operation Turtshield was launched by which country?
(a) China
(b) India
(c) Russia
(d) Indonesia

41. The European Parliament has designated which country as state sponsor of terrorism?
- (a) China
 - (b) Russia
 - (c) Afghanistan
 - (d) Pakistan
42. 'Shuar Arutam' is an indigenous community inhabiting which country?
- (a) Peru
 - (b) Ecuador
 - (c) Greece
 - (d) Philippines
43. India has proposed to transfer which species from Appendix II to Appendix I of CITES Convention?
- (a) Leith's soft-shelled Turtle
 - (b) Burmese peacock softshell
 - (c) Indian softshell turtle
 - (d) Burmese narrow-headed softshell turtle
44. Who is the first football player to score goals in 5 different World Cups?
- (a) Lionel Messi
 - (b) Cristiano Ronaldo
 - (c) Neymar
 - (d) Kylian Mbappé
45. Food Safety and Standard Authority of India (FSSAI) has approved which animal as a 'food animal'?
- (a) Himalayan Yak
 - (b) Buffalo
 - (c) Mule
 - (d) Camel
46. Which country's President has been named as the Chief Guest at Republic Day celebrations?
- (a) UAE
 - (b) Egypt
 - (c) Australia
 - (d) Japan
47. Which Union Ministry organises the 'Shilp Guru and National Award ceremony'?
- (a) Ministry of Textiles
 - (b) Ministry of Culture
 - (c) Ministry of MSME
 - (d) Ministry of Rural Development and Entrepreneurship
48. Which country has developed a new artificial light-harvesting system?
- (a) USA
 - (b) India
 - (c) China
 - (d) Israel

49. Who is the head of the panel set up to revamp Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA)?
- (a) Amarjeet Sinha
 - (b) A K Sikri
 - (c) Ranjan Gogoi
 - (d) V V Ramana
50. Which state is the host of 'International Lusophone Festival'?
- (a) Maharashtra
 - (b) Goa
 - (c) Gujarat
 - (d) Assam



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CURRENT AFFAIRS - OCTOBER

ANSWER - KEY

1	B	11	D	21	C	31	A	41	B										
2	B	12	B	22	C	32	B	42	B										
3	C	13	C	23	B	33	B	43	A										
4	B	14	C	24	C	34	C	44	C										
5	A	15	B	25	B	35	C	45	C										
6	A	16	B	26	B	36	A	46	C										
7	B	17	B	27	D	37	B	47	B										
8	B	18	A	28	B	38	C	48	C										
9	C	19	B	29	B	39	A	49	B										
10	B	20	B	30	B	40	B	50	A										

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CURRENT AFFAIRS - NOVEMBER

ANSWER - KEY

1	C	11	B	21	A	31	A	41	B										
2	A	12	B	22	B	32	B	42	B										
3	C	13	C	23	B	33	B	43	A										
4	C	14	C	24	A	34	C	44	B										
5	A	15	D	25	A	35	B	45	A										
6	A	16	C	26	C	36	B	46	B										
7	B	17	A	27	A	37	B	47	A										
8	B	18	B	28	B	38	C	48	B										
9	B	19	B	29	B	39	A	49	A										
10	B	20	A	30	B	40	B	50	B										

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