

SSC & Railways Bi-Weekly Current Affairs (1 - 15 Oct)

Bi-weekly One Liners Updates 1-15th October 2020

Dear readers,

Bi-Weekly One Liners Update is a collection of important news and events that occurred in the **two weeks** (1-15th) of October 2020. This file is important for, **SSC and Railways** exams.

Important News – India

1. In which state the Union Minister for Chemicals & Fertilizers Shri. D.V. Sadananda Gowda has launched POS 3.1 software, SMS Gateway and Home Delivery facility of Fertilizers (RBK) for farmers _____ **Andhra Pradesh**.

Note:

- Under POS 3.1 version, keeping in view of prevailing pandemic condition, contactless OTP based authentication option has been introduced.
- Farmer will be able to purchase fertilizer without touching finger print sensor.
- The SMS Gateway will periodically send SMS to farmer about availability of fertilizer at retail outlet from where he last purchased the fertilizer.

2. Which Railway zone has launched the project, “Operation my Saheli” to enhance the security of women passengers in the train throughout the entire journey from the originating point to their destinations _____ **South Eastern Railways**.

Note:

- Since 18th September 2020, The pilot version of the project “Operation my Saheli” has been introduced in 3 trains: Howrah-Yesvantpur Durgam Special, Howrah- Ahmedabad Special and Howrah-Mumbai Special.
- “Operation my Saheli” is executed under the Framework of “Nirbhaya Fund” and no additional expenditure is provided by the Head of Railways.

3. Who has launched the “Ambedkar Social Innovation and Incubation Mission (ASIIM)” to promote innovation and enterprise among SC students studying in higher educational institutions _____ **Thaawarchand Gehlot**.

Note:

- The mission has been launched under the Venture Capital Fund for Scheduled Castes (SCs) in order to promote innovation and enterprise among SC students studying in higher educational institutions.
- The Objective of this fund is to provide concessional finance to the entities of the SC entrepreneurs.

4. NITI Aayog and Embassy of which country in India has signed a Statement of Intent (SoI) to support the decarbonization and energy transition agenda for accommodating cleaner and more energy _____ **The Netherlands**.

Note:

- The focus of the partnership is on co-creating innovative technological solutions by leveraging the expertise of the two entities.
- Through this collaboration, NITI Aayog and the Dutch Embassy seek a strategic partnership to create a platform that enables a comprehensive collaboration among stakeholders and influencers, including policymakers, industry bodies, OEMs, private enterprises, and sector experts.

5. India will construct first five animal overpasses on which under construction Expressway _____ **Delhi-Mumbai Expressway**.

Note:

- These have been planned to ensure there are no disturbances to the Ranthambore Wildlife Corridor connecting Ranthambore and Mukundra (Darrah) wildlife sanctuaries in Rajasthan.
- The plan of the animal bridges have been approved by the Central Wildlife Board. The Rajasthan Government has also approved the project.

6. Which of the following lakes will have temporary shelters for migratory birds _____ **Sambhar**.

Note:

- The Rajasthan government will build temporary shelters for migratory birds near the famous Sambhar Lake before this year’s winter season, when a large number of avian guests from the cold northern regions of Central Asia are expected to arrive at the country’s largest inland saline water body.
- More than 20,000 migratory birds had died due to avian botulism in the lake last year.

7. Who inaugurated the virtual summit of overseas and resident Indian Researchers and Academicians namely “Vaishvik Bharatiya Vaigyanik (VAIBHAV) Summit 2020” _____ **Narendra Modi.**

Note:

- During the summit he encouraged indigenous vaccine production.
- The aim of the summit is to bring Indian origin experts in academic institutes and R&D organizations across the world on a single platform to debate upon collaboration mechanisms to strengthen academic and S&T (science & technology) base in India for global development

8. Which initiative has been launched by the Coal Mines Provident Fund Organisation (CMPFO) to digitise its entire provident fund and pension related activities ____ **SUNIDHI.**

Note:

- CMPFO, a statutory body under the coal ministry, administers different schemes of provident fund, pension and deposit linked insurance for coal mine workers.
- The project was inaugurated in the virtual presence of Coal Secretary Anil Kumar Jain and Coal India (CIL) Chairman Pramod Agrawal, among others.

9. Which of the following constitutional bodies has constituted the Ravi Chopra Committee to look into the to assess the environmental violations in the Chardham road project _____ **Supreme Court.**

Note:

- The SC appointed the HPC to oversee the dream project of Prime Minister Narendra Modi worth Rs 12000 Crore which aims to widen 889kms of road linking Chardham shrines.
- The Committee has alleged that the Chardham road project has violated court order.
- The Supreme Court had ruled that width of roads constructed under Chardham project shall be 5.5 metres. This was ruled based on the recommendation of Ministry of Road Transport and Highway (MoRTH) for mountain roads.

10. Which becomes the first airport of the Airports Authority of India (AAI) which is entirely solar-powered _____

Puducherry airport.

Note:

- The 500KWp ground-mounted solar power plant was commissioned on 2nd October 2020.
- The approx cost of the plant is Rs 2.8 crore.
- With becoming absolutely power-neutral, the Puducherry airport will be able to meet its entire power requirement through the solar power plant.

11. The red cherry pepper chilli “Dalle Khursani” of which state has earned the geographical indication (GI) tag from the Union department of Industry promotion and internal trade _____ **Sikkim.**

Note:

- Notably, it is considered as one of the hottest chillies in the world. Dalle Khursani fetches as much as Rs 480 per kg in the local market today.
- Dalle Khursani has been included in the GI Registry of the Government of India on the basis of an application filed by the North Eastern Regional Agricultural Marketing Corporation Limited (Neramac) on behalf of Sikkim.
- It is to be mentioned that the largest manufacturer of Dalle Khursani products is the state government-owned Sikkim Supreme.

12. The Indian Sign Language Research and Training Center (ISLRTC) signed an MoU with organization to convert educational materials into Indian Sign Language _____ **NCERT.**

Note:

- The conversion of all education material in sign language will strengthen the concept of equal opportunity for everyone irrespective of their physical inability,".
- The signing of MoU between ISLRTC and NCERT was attended by Dr Ramesh Pokhriyal Nishank, Union Cabinet Minister for Education amongst other members of the NCERT, ISLRTC, and Ministry of Social Justice and Empowerment.

13. The Ministry of Housing and Urban Affairs has entered into an MoU with which delivery platforms, to onboard street food vendors on its e-commerce platform under the PM SVANidhi Scheme _____ **Swiggy.**

Note:

- The MoU aims at giving the street food vendors online access to thousands of consumers and help them grow their businesses.
- The Ministry and Swiggy will run a pilot programme by on-boarding 250 vendors across five cities namely – Ahmedabad, Chennai, Delhi, Indore, and Varanasi.

14. In which state/UT PM Narendra Modi inaugurated the strategically important Atal Tunnel in October 2020 ____ **Himachal Pradesh.**

Note:

- The 9.02 Kilometre Long Tunnel has been constructed by Border Roads Organisation (BRO) at a cost of INR 3, 300 crores.
- It connects Manali and Lahaul-Spiti Valley.
- The Tunnel is built in the Pir Panjal Range of Himalayas at an altitude of 3000 Meters (10, 000 Feet) from the Mean Sea Level (MSL).

15. Which Central Jail has launched 'Radio Prison' on the occasion of the 151st Birth Anniversary of the Father of the Nation ____ **Sabarmati Central Jail.**

16. The tribal unit of the National Institute of Naturopathy was inaugurated in which city of India ____ **Pune.**

Note:

- It would provide free clinical services to the tribal population in the area.
- A research unit on tribal practices for health maintenance had also been set up and it will be a "repository of knowledge and will work in areas of education, nutrition and health problems of the tribal population".

17. Who will chair the screening panel constituted by the government of India to vet all Chinese foreign investment proposals ____ **Ajay Kumar Bhalla.**

Note:

- More than 100 proposals involving foreign direct investment (FDI) from China are pending.
- The screening panel is headed by the home secretary Ajay Kumar Bhalla and has the Department for Promotion of Industry and Internal Trade (DPIIT) secretary as a member.

18. Which Indian Institute of Management (IIM) will soon be launching an e-learning hub and library as a pilot project for villagers ____ **IIM Kozhikode.**

Note:

- The programme aims to create a virtuous cycle between society and academic system by providing knowledge and practices for the emerging professions.
- Unnat Bharat Abhiyaan is a flagship programme by the Ministry of Human Resource Development (MHRD). Unnat Bharat Abhiyaan is aimed at linking the Higher Education Institutions with a set of at least five villages.

19. What is the name that has been given to the India's premium cotton ____ **Kasturi Cotton.**

Note:

- Now India's premium cotton would be known as 'Kasturi Cotton' in the world cotton trade. The Kasturi Cotton brand will represent Whiteness, Brightness, Softness, Purity, Luster, Uniqueness and Indianness.
- India is the second largest cotton producer and the largest consumer of cotton in the world. It produces about six million tonnes of cotton every year which is about 23 per cent of the world cotton. She said, India produces about 51 per cent of the total organic cotton production of the world.

20. Where is the headquarter of Dhruva Space located that has bagged National Startup Awards 2020 in the space category ____ **Chennai.**

Note:

- A total of 38 startups were awarded, one in each of the 35 categories and 3 special categories in the 12 sectors.
- The winning startup founders will get a cash prize of Rs. 5 lakh and an opportunity to present their solutions to relevant public authorities and corporates. Incubators and accelerators will get Rs. 15 lakh as the winning amount.

21. Where is the headquarters of Indian Sign Language Research and Training Center situated _____ **New Delhi.**

Note:

- The ISLRTC is under the patronage of the Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment.
- Initially the centre was located at the Institute for Physically Handicapped in New Delhi.

22. PM Narendra Modi launches physical distribution of property cards under which scheme _____ **SVAMITVA.**

Note:

- Under this scheme, beneficiaries of 'SVAMITVA Scheme' can use the property as a financial asset for taking loans and other financial benefits.
- SVAMITVA Scheme is a Central Sector Scheme on National Panchayat Day 24th April 2020. In the States, the Revenue Department /Land Records Department are the Nodal Department and shall carry out the scheme with the support of State Panchayati Raj Department.

23. Prime Minister Narendra Modi will release a commemorative coin of 100 rupees in honour of _____ **Vijaya Raje**

Scindia.

Note:

- One of the founder members of BJP, Vijaya Raje Scindia is popularly known as the Rajmata of Gwalior.
- The coin is being released in celebration of birth centenary of Vijaya Raje Scindia.
- The special commemorative coin was minted by the Finance Ministry as a part of these celebrations. This coin will be released by the Prime Minister on her birth anniversary.

24. What is India's rank in the health spending index 2020 released by Oxfam _____ **155th.**

Note:

- Globally, the report found, only 26 of the 158 countries surveyed were spending the recommended 15% of their budgets on health. "Nigeria, Bahrain and India, (the last of) which is currently experiencing the world's fastest-growing outbreak of Covid-19, were among the world's worst performing countries in tackling inequality going into the pandemic

25. What is India's rank among 158 countries in the 2020 Commitment to Reducing Inequality (CRI) Index _____ **129th.**

Note:

- According to the report, India has spent only 4 percent of its budget on health during the Pandemic, which is the Fourth Lowest in the world.
- Nigeria, Bahrain and India are among the World's worst performing countries in tackling inequality during the pandemic.
- With 4% of Budget on Health, India has been ranked at 155 (4th from the Bottom) on the health spending index.

26. The National Maritime foundation of India joined hand with which country to foster cooperation in the Indo-pacific region _____ **Taiwan.**

Note:

- The think tanks will set up a joint task force to deepen the bilateral dialogue in the Indo-pacific region. They will also conduct joint Research and expand cooperation.
- The Asia exchange Foundation is waiting for the covid-19 travel restrictions to get over in order to send a delegation to India to hold direct talks. The foundation is the organiser of the Yushan Forum.

27. Which institutions and United States Agency for International Development (USAID) jointly launched the India Energy Modelling Forum (IEMF) under the US-India Strategic Energy Partnership (SEP) _____ **NITI Aayog.**

Note:

- IEMF aims to engage Indian researchers, knowledge partners, think tanks and national and international government agencies and departments for long-term energy planning.
- The Sustainable Growth is one of the four pillars of the US-India SEP entailing energy data management, energy modelling and collaboration on low carbon technologies as three key activities.

Important News – State

1. Which state government has launched “Livelihood Generation Programme for Returned Migrant Workers _____ **Nagaland**.

Note:

- The state government, with support from the North East Council, will initially train around 100 such returnees under the “Livelihood Generation Programme for Returned Migrant Workers”.

2. Andhra Pradesh Chief Minister YS Jagan Mohan Reddy launched the YSR Jala Kala Scheme under which farmers will be provide with _____ **free borewells**.

Note:

- The government said that about three lakh farmers will be profited from the scheme and will cover five lakh acres of land under cultivation with an estimated cost of Rs 2,340 crore in four years.
- The eligible farmers can apply either online or through the village secretariats. The applications will be approved after hydrogeological and geophysical surveys.

- Yuddh Pradushan Ke Virudh campaign has been launched by which state _____ **Delhi**.

Note:

- Under the campaign separate detailed plans have been prepared for each of the 13 pollution hotspots identified in the city.
- The chief minister said one of the major reasons for high levels of pollution in Delhi and nearby areas is stubble burning.

3. Which state government has launched an action plan to support agriculture and animal husbandry under its “Aatmanirbhar” programme _____ **Goa**.

Note:

- The government has announced a series of initiatives under the ‘Aatmanirbhar Bharat Swayampoorna Goa programme’ (ABSGP) including promoting dairy and poultry farming.
- It talks about checking ‘menace’ of wild animals and cattle at agriculture fields.
- To help farmers, crop insurance and fencing will be availed. Horticulture cultivation, procurement of agricultural equipment, and sustainable harvesting of medical plants will also be assisted with it.

4. Chemicals and Fertilisers Minister D V Sadananda Gowda launched the home delivery facility of fertilisers for farmers in which state _____ **Andhra Pradesh**.

Note:

- Gowda launched POS 3.1 software, SMS Gateway and home delivery facility of fertilisers for farmers in the state
- Farmers will be able to purchase fertiliser without touching fingerprint sensors
- The states govt. has launched 10,641 Rythu Bharosa Kendralu in all gram panchayats to provide farmers with quality inputs and allied services.

5. Which state government has launched 'Pathashree Abhijan' scheme for road repair _____ **West Bengal**.

Note:

- It is a road repair scheme, where more than 7,000 stretches of roads comprising 12,000 kilometres across the state will be repaired.
- West Bengal govt has collated a list of the roads that will be repaired under the new scheme after the people of the state reached out to her through the 'Didi Ke Bolo' initiative of the government.

6. Which state government launched a portal 'Kritagyata' an online pension submission and tracking system _____ **Assam**.

Note:

- With the help of the portal, the retired government employee, besides submitting pension related papers on line will get opportunity to check the status of his pension. The portal has been created in line with the ‘Bhabhisya’ portal of Government of India.

7. Which state government has announced a 'Digital Seva Setu' programme to ensure optimum utilisation of technology for public welfare in rural areas _____ **Gujarat.**

Note:

- Under the 'Digital Seva Setu' program, public welfare services will be made available in all the 14,000-gram panchayats in the state by connecting village panchayats through an optical fibre network.

8. Which state government has launched a mobile app "Kisan Rath" that connects more than 10,000 farmers, 50 farmer-producer organizations and 1,000 verified agricultural traders on its interface _____ **Assam.**

Note:

- The app has been customized by National Informatics Centre (NIC) Assam to suit the requirements of the state.
- It is available in 3 languages- Assamese, Hindi and English.
- PM Kisan Samman Nidhi, Krishi Sinchai Yojana, Fasal Bima Yojana, KCC etc., have strengthened agricultural ecosystem in the country and made agriculture a dignified calling.

9. Which state government has launched "Mukhya Mantri Saur Swarojgar Yojana" _____ **Uttarakhand.**

Note:

- The scheme is aimed at promoting self-employment of the youth and promoting the production of Green Energy.
- The targeted beneficiaries include youths and migrant workers, who returned home after leaving jobs in various parts of the country due to pandemic.

10. Which state government has exempted road tax on its battery-operated vehicles under its new Electric Vehicle Policy _____ **Delhi.**

Note:

- The Delhi government has exempted road tax on its battery-operated vehicles under its new Electric Vehicle Policy.
- The Transport department, in its notification issued stated that the Lieutenant Governor of the National Capital Territory of Delhi exempted the tax levied upon all battery electric vehicles with immediate effect.

11. Which state government has launched "Lab on Wheels" to test the water quality in the state under Jal Jeevan Mission _____ **Haryana.**

Note:

- The water quality of Haryana is mainly affected by fluoride, iron, nitrate and alkalinity.
- Lab on wheels is a mobile laboratory. The mobile laboratory has been launched under Jal Jeevan Mission.
- The mobile laboratory will test for alkalinity, hardness, chlorine, nitrate, zinc, turbidity, PH and other microbiological tests.

12. Which state becomes the first state in the country to make public education completely digital _____ **Kerala.**

Note:

- The project of making public education completely digital in Kerala was implemented by Kerala Infrastructure and Technology for Education.
- Around 3,74,274 digital services were distributed in 16,027 schools in Kerala.
- The project also set up high-tech labs in more than 11,275 schools at primary and secondary levels.

13. Which state government has become the first in the country to decide to form a Welfare Fund Board for the uplift of farmers in the state _____ **Kerala.**

Note:

- The state cabinet decided to set up the board to be known as 'Kerala Karshaka Kshemanidhi Board'.
- For the farmers to become a member of the Board, they need to pay Rs 100 as registration fee and a monthly fee of Rs 100. The government will provide an equivalent share of upto Rs 250 to the members of the Welfare Fund.

14. A toll-free government helpline for mental health "Mann Samvad" was launched by which state _____ **Rajasthan.**

Note:

- The helpline 1800-180-0018 launched by the state government to continuously strengthening mental health services during the coronavirus period.

- The facility of free tele-counselling is being provided to patients with mental health issues that through the helpline.
15. In the country's first and unique drive the agriculture department of which state has collaborated with the Postal Department to get farmers enrolled in the Pradhan Mantri Kisan Samman Nidhi Yojana (PM-KISAN) scheme _____ **Goa.**
Note:
- Three equal installments of Rs 2,000 each every four months are transferred into the farmers account. The scheme defines family as husband, wife and minor children.
 - The local postman who we are used to seeing bringing mail to our doorstep so far will come to fill the form for the 11,000 farmers in the state who are eligible for this scheme as per the department records.
16. The multi-national food and beverage major PepsiCo is setting up a greenfield potato chips production unit in which state _____ **Uttar Pradesh.**
Note:
- The unit is being set up in Kosi - Mathura on 35 acres of land provided by UP State Industrial Development Authority (UPSIDA).
 - The unit, which is expected to commence commercial production by middle of the next year, will facilitate direct and indirect employment to about 1,500 patrons.
17. Hollongi airport which a greenfield airport is being built in which state _____ **Arunachal Pradesh.**
Note:
- The new domestic airport, with an area of 4,100 square metres, the Hollongi Airport will be able to handle 200 passengers during peak hours.
 - The terminal will be an energy efficient building provisioned with Rain Water Harvesting system and sustainable landscape. The tentative date for completion of the project is November, 2022.

Important News – World

1. Which Human rights organization has announced that it has decided to halt its operations in India after a successful eight-year run alleging that its bank accounts were frozen as part of government's "witch-hunt" _____ **Amnesty International.**
Note:
- The decision which came after the recent move by the Enforcement Directorate to freeze the organisation's accounts will impact about 150 employees.
2. India with which country to launch a constellation of maritime surveillance satellites to monitor illegal spillage of oil in the Indian Ocean Region _____ **France.**
Note:
- In August 2020, the ISRO and the French Space Agency CNES agreed to develop and build a constellation of satellites.
 - CNES is Centre National d'études spatiales, the National Centre for Space Studies. The satellites will carry optical-remote sensing instruments, telecommunication and radar instruments.
3. Which country is all set to send the world's first mining robot named 'asteroid mining robot' into space by November 2020 to identify and extract resources _____ **China.**
Note:
- The mining robot will be launched into space by a Chinese Long March series rocket.
 - The 30-gram spacecraft, NEO-1, is likely to be launched as a secondary payload on a Chinese Long March rocket.
 - This company also has another mission, Yuanwang-1 ('Look up-1'), nicknamed 'Little Hubble', which is to be launched by late 2021 or early 2022.
4. Which organisation announced the launch of its nationwide campaign 'Make Small Strong' in order to help support small businesses and drive demand through customer support _____ **Google.**
Note:

- “Make Small Strong’ campaign is meant to rally support from the citizens for small businesses.
 - The citizens can help small businesses by buying locally, leaving reviews and ratings and by promoting their favourite retailers on social media.
5. Which country committed \$1.9 million to India to support informal sector workers, micro enterprises ____ **USA**.
- Note:**
- The financial assistance from US Agency for International Development (USAID), extended generously by the American people to partners in India, will support efforts to rebuild local economies and improve the livelihoods of Indians who have been hit hardest by this pandemic.
6. India will build a 100-bedded cancer hospital and a 22,000-seater cricket stadium in which country ____ **Maldives**.
- Note:**
- This project will build on the already close bilateral cooperation in the health sector and include a robust component of human resource development .
 - Projects covered under the LoC include several infrastructure development projects.
7. Which country will chair the 12th BRICS Summit to be held on 17th November 2020 via video conference ____ **Russia**.
- Note:**
- The theme of the Meeting of the Leaders of BRICS countries is “BRICS Partnership for Global Stability, Shared Security and Innovative Growth”.
 - The Summit this year is being held under the Chairmanship of Russia and aims at a multifaceted cooperation between the member countries.
8. Which global organization will jointly establish country’s first of its kind Advanced Manufacturing hub (AMHUB) in association with Guidance ____ **World Economic Forum**.
- Note:**
- AMHUB is Advanced Manufacturing hub and is first of its kind in the country. Guidance is the nodal investment promotion agency of the state of Tamil Nadu.
 - AMHUB will help the state in the sectors of solar energy, electronics, electric mobility and textiles.
 - It will help boost production sector of Tamil Nadu by identifying regional opportunities brought by Fourth Industrial Revolution.
9. Which country has successfully tested a new hypersonic anti-ship cruise missile Tsirkon ____ **Russia**.
- Note:**
- The Tsirkon missile was fired from the Admiral Gorshkov frigate in the White Sea in the Russian Arctic and successfully hit its target.
 - Russia boasts of developing a number of "invincible" weapons that surpass existing systems and include Sarmat intercontinental missiles and Burevestnik cruise missiles.
 - The first Avangard hypersonic missiles were put into service in December last year.
10. The Union Cabinet approved signing of an agreement with which country that is aimed at enhancing cooperation in emerging technologies, protection of critical infrastructure, cyberspace and to mitigate threats to communication networks ____ **Japan**.
- Note:**
- The approval to the pact by the cabinet comes in the midst of growing concerns over cyberattacks from China, particularly after India banned over 100 mobile apps with Chinese links.
11. As per the latest report of FIS which country has become the global leader in real-time financial transactions with 41 million transactions per day ____ **India**.
- Note:**
- The Covid-19 pandemic has seen India doubling its every day real-time transactions at 41 million, says the latest report from FIS,
 - FIS is a leading provider of technology solutions for merchants, banks and capital markets firms globally.

- According to the report released, six other countries also saw more than doubling of their real-time payment transactions year-over-year, while four saw at least a twofold increase in transaction value.
12. Sabah Al Khalid Al Sabah resigned from the post of Prime Minister of which country _____ **Kuwait**.
- Note:**
- He took charge as the PM in 2019.
 - He started his career in 1978, joining the ministry of foreign affairs, where he worked at various capacities, including being a member of Kuwait's permanent mission to the United Nations (1983-1989).
13. The Blue Flag programme is operated under the auspices of the Foundation for Environmental Education (FEE), its headquarter is located in _____ **Copenhagen, Denmark**.
- Note:**
- The beaches which got International Blueflag Certification are Shivrajpur beach in Dwarka Gujarat, Ghoghla beach in Diu, Kasarkod and Padubidri in Karnataka, Kappad in Kerala, Rushikonda in Andhra Pradesh, Golden Beach in Odisha and Radhanagar beach in Andaman and Nicobar Islands.
 - The iconic Blue Flag is one of the world's most recognised voluntary awards for beaches, marinas.
14. As per the announcement made by the Financial Action Task Force (FATF) which country will continue to remain under "grey list" _____ **Pakistan**.
- Note:**
- The Asia-pacific group of FATF submitted a report titled "Follow up report on mutual evaluation of Pakistan".
 - The report is first of its kind. The decision of putting Pakistan under grey list was taken based on this report.
15. Which country has introduced the death penalty for rape _____ **Bangladesh**.
- Note:**
- Demonstrations have broken out across the country after harrowing footage of a group of men stripping and attacking a woman went viral on social media.
 - The clip sparked outrage in the South Asian country, where activists say only a tiny percentage of sexual assault victims see justice.
 - Previously, the maximum punishment for rape was life imprisonment
16. The annual meeting of World Economic Forum (WEF) 2021 will be organized in which city _____ **Lucerne**.
- Note:**
- The World Economic Forum (WEF) said it will hold its Annual Meeting 2021 in Lucerne-Burgenstock, Switzerland, from May 18 to 21, as against the traditional venue of ski resort town Davos in January-end.
 - The change in schedule and venue was necessitated by the COVID-19 pandemic.
17. Which become the first country in the world to approve genetically modified wheat _____ **Argentina**.
- Note:**
- The drought-resistant HB4 wheat variety was developed by Argentine biotechnology company Bioceres, working with the National University and Conicet.
 - Bioceres' HB4 wheat is resistant to drought and tolerates the herbicide glufosinate sodium, a combination the company says can help boost yields on dry years.

Honor & Awards

1. Shanti Swarup Bhatnagar Prize 2020 announced by the central government recently, the award in given outstanding contribution in the field of _____ **Science and Technology**.
- Note:**
- The prize is given to Indian scientists below the age of 45 for outstanding research in seven fields—Biology, Chemistry, Environment Science, Engineering, Mathematics, Medicine and Physics.

- The Prize is bestowed on a person who, in the opinion of CSIR, has made conspicuously important and outstanding contributions to human knowledge and progress fundamental and applied, in the particular field of endeavour, which is his/her specialization.
2. Which state's 'Human by Nature Print Campaign' bagged the Prestigious Pacific Asia Travel Association (PATA) Grand Title Winner 2020 for Marketing _____ **Kerala**.
- Note:**
- The awards were announced during a presentation ceremony of Virtual PATA Travel Mart 2020 in Beijing.
 - The PATA Awards are supported and sponsored by Macao Government Tourist Office (MGTO).
 - 'Human by Nature' was a marketing strategy to revive tourism that was hit by the 2018 floods and the Nipah outbreak.
3. Who won the 2020 Nobel Prize Nobel Prize in Physiology or Medicine _____ **Harvey J. Alter, Michael Houghton and Charles M. Rice**.
- Note:**
- The 2020 Nobel Prize in Physiology or Medicine has been awarded to Harvey J. Alter, Michael Houghton and Charles M. Rice "for the discovery of Hepatitis C virus," the Nobel Assembly at Karolinska Institutet announced in Stockholm, Sweden.
 - The trio's work helped explain a major source of blood-borne hepatitis that couldn't be explained by the hepatitis A and B viruses
4. Ravi Santhanam is the Chief Marketing Officer (CMO) of which who has been recognised in the Forbes list of 'The World's Most Influential CMOs' _____ **HDFC Bank**.
- Note:**
- Ranked at Number 39, he is the only CMO of an Indian company to be featured in the illustrious list which includes marketing heads of Apple, BMW, Lego, Adobe, Microsoft, P&G among others.
 - This is the 8th edition of this annual list released by Forbes with research partners Sprinklr and LinkedIn. This year, 427 global CMOs were eligible for consideration. It is generated using data from news reports, websites and social networks to measure influence.
5. Pro-democracy campaigner of which country Ales Bialiatski has been awarded with Swedish honour sometimes called "the alternative Nobel Prize along with three others _____ **Belarus**.
- Note:**
- Ales Bialiatski of Belarus and his NGO Viasna, Nasrin Sotoudeh of Iran, Bryan Stevenson of the United States and indigenous rights and environmental activist Lottie Cunningham Wren of Nicaragua share the Right Livelihood Award.
 - Although the Right Livelihood Award is promoted as an "Alternative Nobel Prize", it is not a Nobel prize.
6. Which group of persons won the Physics Nobel Prize 2020 _____ **Roger Penrose, Reinhard Genzel and Andrea Ghez**.
- Note:**
- The Prize in Physics 2020 was divided, one half awarded to Roger Penrose for the discovery that black hole formation is a robust prediction of the general theory of relativity.
 - The other half jointly to Reinhard Genzel and Andrea Ghez for the discovery of a supermassive compact object at the centre of our galaxy.
7. Who has been bestowed with lifetime achievement award by the Indo-American Chamber of Commerce (IACC) _____ **Ratan Tata**.
- Note:**
- The Indo-American Chamber of Commerce (IACC) has bestowed a lifetime achievement award to Indian business icon Ratan Tata at a closed-door meeting, owing to ongoing pandemic.
 - Tata, who grew the revenues for India's largest conglomerate 'The Tata Group' to nearly USD 100 billion by 2011-12, remains an influential industrialist, philanthropist and humanitarian to the day.
8. Who has been chosen for 'Gandhi' Award instituted by the Mahatma Gandhi National Foundation _____ **Sanjay Singh**.
- Note:**

- He was instrumental in India's diplomatic intervention to remove Mahatma Gandhi's images on beer bottles of a private company in Israel, Mr Jose, who brought the matter into the public domain.
- The Award carries a sculpture of Mahatma Gandhi, cash prize of Rs 25,001 and a certificate.
9. Which group of persons won the **Chemistry Nobel Prize 2020** _____ **Emmanuelle Charpentier and Jennifer A. Doudna**.
- Note:**
- The 2020 Nobel Prize in Chemistry is awarded to Emmanuelle Charpentier and Jennifer A. Doudna "for the development of a method for genome editing".
- The Nobel Prize in Chemistry is awarded by The Royal Swedish Academy of Sciences, Stockholm, Sweden.
10. Who will be conferred the prestigious Sarala Puraskar for his poetry work 'Setebelaku Nathiba' _____ **Nityanand Nayak**.
- Note:**
- The poet will be felicitated with a cash award of `5 lakh and a citation.
- Two other eminent personalities from the State – Ranjit Kumar Nag and Shyamsundar Pattanaik – will be felicitated for their contribution to fields of music and art respectively.
- While Nag will be awarded the Ila Panda Sangeet Samman, Pattanaik would be felicitated with Ila Panda Chitrakala Samman.
11. Who has been awarded with the Nobel Prize in Literature for 2020 _____ **Louise Glück**.
- Note:**
- The Nobel Prize in Literature is awarded by The Swedish Academy, Stockholm, Sweden.
- The American poet Louise Glück was born in 1943 in New York and lives in Cambridge, Massachusetts.
- She has received several prestigious awards, among them the Pulitzer Prize (1993) and the National Book Award (2014).
12. The Nobel Prize for Economics, 2020 was awarded to Paul R Milgrom and Robert B Wilson for improvement to which economic theory _____ **Auction theory**.
- Note:**
- They were awarded for improvements to Auction Theory and also for inventing new auction formats.
- The prize is also called Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel.
- The theory formulated by Milgrom allowed calculating common and private values that vary from bidder to bidder.
13. Who secured the second position in the Forbes India Rich list for 2020 _____ **Gautam Adani**.
- Note:**
- Amid the Covid-19 pandemic which hit India hard and led to a sharp economic contraction, half of the nation's 100 richest on the 2020 Forbes India Rich List saw gains.
- Reliance Group Chairman Mukesh Ambani, who topped the list for the 13th year "accounted for more than half of those gains".
14. The Nobel Peace Prize 2020 has been awarded to which of the following organization for efforts in order to Combat Hunger _____ **World Food Programme**.
- Note:**
- The award comes with a 10-million krona (\$1.1 million) cash prize and a gold medal to be handed out at a ceremony in Oslo, Norway, on December 10, the anniversary of prize founder Alfred Nobel's death. This year's ceremony will be scaled down due to the pandemic.

Banking & Financial Awareness

1. Which bank has launched a green initiative named "**IB-eNote**" to enable a total paperless working environment _____ **Indian Bank**.
- Note:**
- This tool enables processing and tracking of notes put up by various offices digitally.
- The bank for this initiative has customised SharePoint, one of the features of Microsoft Office.

- The Bank also launched 'Ind Guru', an e-learning platform for its employees.
2. E-commerce marketplace, **Flipkart** has launched a cyber insurance cover for online financial frauds with which general insurance company ____ **Bajaj Allianz General Insurance**.
- Note:**
- The product, 'Digital Suraksha Group Insurance', will help customers who want to cover themselves against financial losses caused as a result of cyber attacks, cyber frauds, or other such malicious activities across various online platforms.
3. Which become the first bank to implement the new feature of document embedding facility with Letter of Credit/Bank Guarantee messages over Structured Financial Messaging System (SFMS) platform of Indian Financial Technology and Allied Services (IFTAS) ____ **IDBI Bank**.
- Note:**
- The process would be conducted via a middleware application "**i@Connect-SFMS (CSFMS)**" developed by IDBI Intech.
- This new feature of "document embedding" provides banks with the functionality of transmitting a "pdf" document up to 1MB size along with the LC / BG messages.
- Through this feature, there will be the transmission of digitally signed documents which ensure the reliability of the transaction.
4. Which e-wallet company announced to launch 'mini app' store for Indian developers ____ **Paytm**.
- Note:**
- The mini apps are a custom-built mobile website that give users app-like experience without having to download them.
- Paytm will add a new section on its main application wherein these mini apps will be listed and can be accessed by Paytm app users.
5. Which bank has introduced a **Kisan credit card loan scheme** for fishermen in Tamil Nadu ____ **Indian Bank**.
- Note:**
- The features of the scheme include the availability of revolving credit up to ₹2 lakh, 7 per cent interest rate, interest subvention of 3 per cent for those who repay the loan within a period of one year.
- The loan can be renewed once in a year. There is no restriction on the number of credit and debit transactions.
6. Which bank has launched a financial inclusion and literacy initiative called 'Gram Sampark Abhiyan' ____ **Punjab National Bank**.
- Note:**
- The nationwide campaign was launched by Minister of Agriculture and Farmers Welfare Narendra Singh Tomar.
- The campaign is centred on four key themes: digital, credit, social security and financial literacy, that will encapsulate various activities and prescribes the cherished theme of 'Aatmanirbhar Bharat'.
7. Which bank has launched 'MSME Prerana' to support small businesses ____ **Indian Bank**.
- Note:**
- 'MSME Prerana' will train entrepreneurs in business skills, communication, credit assessment.
- The programme was launched by Finance Minister Nirmala Sitharaman that aims to support 1,500 entrepreneurs across India in small businesses.
- The programme will begin in Tamil for the Coimbatore clusters of Indian Bank and later spread across the country.
8. Which Indian multinational company has signed a memorandum of understanding with Council of Scientific & Industrial Research (CSIR) to collaborate in the area of Carbon Capture, Utilisation & Storage (CCUS) ____ **Tata Steel**.
- Note:**
- As per MoU, they will work towards accelerating development and deployment of CCUS technologies in the steel industry.
- These technologies would expedite the transition to a decarbonised economy in other carbon-intensive sectors like Power, Cement, and Fertilizer etc.

9. What is the ways and means advances (WMAs) limit for the central government set up by the Reserve Bank of India (RBI) for the second half of the fiscal year _____ **Rs 1.25 lakh crore.**

Note:

- The central bank further said it may trigger fresh floatation of market loans when the government utilises 75 per cent of the WMA limit.
- Meanwhile, the finance ministry said the government will borrow Rs 4.34 lakh crore in the second half of the current fiscal to meet its expenditure requirement amid the COVID-19 crisis afflicting the country's economy. With this the government revised the borrowing target to Rs 12 lakh crore in May as against Rs 7.8 lakh crore approved in the Budget 2020-21.

10. Which bank has entered into a partnership with FMCG major Hindustan Unilever to offer corporate solutions to its trade partners _____ **State Bank of India.**

Note:

- The partnership aims to make availing of credit easy for channel partners, provides UPI based payment solutions and PoS terminals to retailers & distributors
- The objective of the partnership is to augment the width of credit and will be beginning a pilot in Mumbai and Bengaluru.

11. SBI Card joined hands with which global financial company to offer global benefits and exclusive privileges for consumers in India _____ **American Express.**

Note:

- Under this agreement, SBI Card's top-end products SBI Card ELITE and SBI Card PRIME will be available on American Express' global network.
- Customers will also get benefits like pre-ticketing access to sporting and entertainment events such as the Wimbledon and the US Open which are presently accessible virtually.

12. RBI has deferred the implementation of Basel III provisions amid covid uncertainty to _____ **April 1, 2021.**

Note:

- In two separate notifications, RBI said it would push back the final tranche of the capital conservation buffer (CCB) and the implementation of net stable funding ratio by six months.
- RBI had asked banks to build up CCB of 2.5% in stages. The final stage of 0.625% was to be kept from 30 September 2020. This has been deferred to 1 April, 2020.
- The RBI had earlier deferred the implementation by six months from 31 March 2020.

13. Which bank has approved loan for Mumbai metro and for the Delhi-Ghaziabad-Meerut Regional Rapid Transit System (RRTS) project _____ **New Development Bank.**

Note:

- \$241 million loan for the Mumbai metro rail-II project will be used for implementing a metro rail line 6 with a length of 14.47 km in Mumbai
- A loan of \$500 million has been approved for the Delhi-Ghaziabad-Meerut RRTS project.

14. Indian Bank has introduced a Kisan credit card loan scheme for fishermen in _____ **Tamil Nadu.**

Note:

- The features of the scheme include the availability of revolving credit up to ₹2 lakh, 7 per cent interest rate, interest subvention of 3 per cent for those who repay the loan within a period of one year.
- The loan can be renewed once in a year.
- There is no restriction on the number of credit and debit transactions.

15. Which bank has launched a debit card facility for the customers availing the Loan Against Securities (LAS) from the Bank _____ **ICICI Bank.**

Note:

- The debit card is available on the Visa platform. With this launch, ICICI Bank has become the first bank in India to launch such a facility.

- The LAS debit can be used by customers across all domestic merchant establishments to make seamless POS and online transactions like payments on e-commerce portals among others, using their sanctioned LAS amount.
16. Which e-commerce company has partnered with 'Indian Railway Catering and Tourism Corporation' (IRCTC), to provide with the facility to book reserved train tickets on its platform _____ **Amazon**.
- Note:**
- With this launch, the e-commerce company's digital payments arm Amazon Pay adds another travel category, thereby offering its customers a one-stop-shop for booking flights, bus and train tickets.
 - With this new offering, users will be able to check seat and quota availability across all train classes on the Amazon app.
17. As per the 3rd bi-monthly monetary policy, the Reserve Bank of India will introduce on-tap targeted long-term repo operations (TLTRO) for banks to borrow up to _____ **Rs 1 trillion**.
- Note:**
- The reverse repo rate under the LAF has been kept unchanged at 3.35%.
 - The marginal standing facility (MSF) rate and the Bank Rate have been kept unchanged at 4.25%.
18. The World Bank projected India's GDP to contract by what percent in the fiscal year 2020-21 _____ **9.6%**.
- Note:**
- The World Bank earlier in June had estimated the Indian economy to shrink by 3.2% in the current fiscal.
 - The World Bank recently released its report titled 'South Asia Economic Focus', noting that the country's economic situation is much worse than ever seen before.
19. Which bank has partnered with India's full-service carrier, Vistara to launch a Co-Branded Forex Card _____ **Axis Bank**.
- Note:**
- This is the 1st-ever collaboration by a bank and an Indian airline for a co-branded forex card.
 - The multi-currency forex card enables customers to travel to international destinations in a cashless and hassle-free manner.
20. Ministry of Housing & Urban Affairs launched the Application Programming Interface (API) integration between the PM SVANidhi Portal and eMudra portal of which bank _____ **State Bank of India**.
- Note:**
- As a part of Prime Minister Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi) Scheme will facilitate seamless flow of data between the two portals. It will benefit the street vendors seeking working capital loan under the Scheme.
21. The National Bank for Agriculture and Rural Development (NABARD) has inked three Memoranda of Understanding (MoUs) with which Bank to extend credit support for various projects in Gujarat _____ **State Bank of India**.
- Note:**
- The signing of MoUs took place between D. K. Mishra, Chief General Manager of NABARD in Gujarat and Dukhbandhu Rath, Chief General Manager, SBI Ahmedabad Circle in the presence of NABARD Chairman G. R. Chintala.
22. Which Neobank has launched India's First 'Financial Control Center' on Mobile to Empower 60 Million Small Business Owners _____ **Chqbook**.
- Note:**
- With this launch, Chqbook brings world-class financial services to a massive underserved segment.
 - The mobile application of Chqbook will give small businesses the power to manage everyday financial needs and to access other financial products, which helps them to save time, effort and money.
23. The Reserve Bank has decided to move to the NGTA for managing the country's foreign exchange and gold reserves. What does 'G' stands for in NGTA _____ **Generation**.
- Note:**
- The full form of 'NGTA' is Next Generation Treasury Application.
 - In a bid to improve its functioning, the Reserve Bank has decided to move to the Next Generation Treasury Application (NGTA) for managing the country's foreign exchange and gold reserves.

24. According to a study published in the medical journal Lancet which country is likely to become the third largest economy in the world by 2050 _____ **India**.
- Note:**
- The study constructed scenarios for GDP using the working age population of countries. It also assessed potential economic and geopolitical effects of future demographic shifts.
 - The study based 2017 as the reference when India was the seventh largest economy in the world, and forecast that India will emerge as the fourth largest economy by 2030 behind USA, China, Japan and by 2050 it will go onto the third spot and retain it till 2100.
25. As per the 'colour coding' introduced by the Insurance Regulatory Authority of India (IRDAI) for individual health products, which colour will signify that the product offered is a complex and needs to be understood properly _____ **Red**.
- Note:**
- Every health insurance product offered by general and health insurance companies will use green, orange, & red colours to indicate the complexity of the products. Green will signify that the product offered is a simple one, easy to understand & comprehend. Red- Product is complex and needs to be understood properly.
26. Which technology company has partnered with All India Council for Technical Education (AICTE) to empower students, educators in Next-Generation Technology such as Artificial Intelligence (AI), Internet of Things (IoT), Data Science and Cloud Computing _____ **Microsoft**.
- Note:**
- 1, 500 course modules from Microsoft will be accessible for the students & educators for free of cost. It will be accessible through AICTE's e-learning portal ELIS (Enhancement in Learning with Improvement in Skills).
 - To ensure an interactive learning process, Microsoft will host live webinars for students of AICTE.
27. Mastercard has entered into partnership with which RegTech startup for Global Rollout of Video Know Your Customer (KYC) _____ **Signzy**.
- Note:**
- The customers of Mastercard, with this partnership will benefit from a 100% paperless, remote and secure onboarding solution for end-users.
 - It is backed by Artificial Intelligence (AI) and Machine Learning (ML) technologies.
28. As per the 'World Economic Outlook' report, published by the International Monetary Fund (IMF) by what percent Indian Economy will contract in the financial year 2020-21 _____ **10.3 per cent**.
- Note:**
- However, IMF estimates the GDP of India to grow at 8.8 per cent in 2021-22, as compared to 6 per cent predicted earlier, regaining the position of the fastest-growing emerging economy.
 - On the other hand, the Fund expects the world economy to contract by 4.4 per cent in 2020. This projection was - 5.2 per cent earlier.
29. Which bank has launched a new entry-level credit card named ACE Credit Card, with a focus on increasing participation of users in the digital economy partnership with Google Pay _____ **Axis Bank**.
- Note:**
- It also aims to bring a seamless, digital experience to users from application to issuance.
 - The card has been launched in collaboration with Google Pay and will run on Visa (Signature) platform.
30. Which digital wallet has partnered with Uber technology to integrate the digital payment platform as a payment option on the ride-hailing service app _____ **Amazon Pay**.
- Note:**
- This partnership with Uber will allow customers to complete their transaction in a contactless manner, especially during the pandemic.
 - The strategic association will also focus on providing users one-click payment experience with cashback offers to drive adoption and further strengthen the digital payments ecosystem.
31. Which housing finance company has launched "Project RED" to improve efficiencies at every level of the organization _____ **LIC Housing Finance Limited**.

Note:

- LIC Housing Finance Ltd (LICHFL) launched “Project RED” (Reimagining Excellence through Digital transformation) to improve efficiencies at every level of the organisation.
- Project RED aims to create value across the entire spectrum of stakeholders that includes employees, shareholders, business associates, existing and potential customers of LICHFL, as per the housing finance company’s statement.

32. Which of the Following bank provides USD 310 million lines of credit to Zimbabwe for thermal and river projects _____

EXIM Bank.

Note:

- An agreement had been signed between the governments of India and Zimbabwe in April 2019 for USD 23 million line of credit for financing renovation and upgradation of Bulawayo Thermal Power Plant at the revalidated/escalated project cost.

Obituaries

1. Famous personality Dr G S Amur passed away recently, he was associated with which profession _____ **Writing.**

Note:

- Veteran writer and critic Dr G S Amur passed away. He was proficient in Kannada and English languages.
- He had won many awards including Sahitya Akademi Award, Rajyotsava Award and Bharatiya Bhasha Award

2. Renowned personality Pushpa Bhave passed away in Mumbai following a prolonged illness, she was a veteran ____ **Social Activist.**

Note:

- She has been associated with the Rashtra Seva Dal and democratic movements since her student days.
- She was also an academician and an intellectual, who fought for the rights of common citizens.
- During the Emergency, she had offered her home as shelter to underground political workers.

3. Renowned politician Pradeep Maharathy passed away, he was former minister of which state ____ **Odisha.**

Note:

- He was elected to the Assembly from the Pipili constituency consecutively seven times from 1985 till last Assembly elections in 2019.
- Before joining the ruling Biju Janata Dal in 2000, he was in Janata Dal and a staunch follower of former Chief Minister Biju Patnaik.

4. Justice Anantkumar Surendraray Dave passed away recently, he was former acting Chief Justice of _____ **Gujarat High Court.**

Note:

- Justice Dave was appointed as a Gujarat High Court Judge in 2004 and was made permanent in 2006.
- He was appointed as an Acting Chief Justice of the Gujarat High Court on November 14, 2018 and served until the present Chief Justice Vikram Nath took over the helm in September 2019.

5. Renowned personality Mishti Mukherjee passed away recently, he was a famous _____ **Actress.**

Note:

- Actress Mishti Mukherjee who has featured in many Hindi, Bengali and Telugu films, and music videos has passed away due to renal failure. She was 27.
- Mukherjee made her Bollywood debut with the 2012 Ranvir Shorey-starrer “Life Ki Toh Lag Gayi” in a guest appearance.

6. Renowned personality M. Gopalakrishnan passed recently he was a veteran _____ **Banker.**

Note:

- Former chairman-cum-managing director of Indian Bank M. Gopalakrishnan died owing to ill-health at a private hospital. He was 86.

- Mr. Gopalakrishnan joined Indian Bank as an unpaid officer in 1958. He went on to become its CMD in 1988 and continued in the post till December 1995. In the 1990s, he was a popular figure and was in the news often.
7. Renowned personality AV Shetty passed away recently, he was veteran _____ **cardiologist**.
Note:
➤ AV Shetty was acknowledged as the first cardiologist of Dakshina Kannada district. The first open heart surgery in Karnataka, which took place at the government Wenlock Hospital here, was performed under his watch. It was conducted by Dr SR Ullal.
8. Former CBI Director Ashwani Kumar passed away recently, he also served as governor of _____ **Nagaland and Manipur**.
Note:
➤ He was born at Nahan in Sirmaur district and joined the Indian Police Force in 1973.
➤ He was allotted the Himachal Pradesh cadre and while working as the District Superintendent of Police at Shimla in 1985, he was inducted in the newly created Special Protection Group (SPG), where he worked till 1990.
9. Renowned personality Vishal Anand has passed away recently, he was a veteran _____ **Film Actor**.
Note:
➤ His real name was Bhisam Kohli. He has appeared in 11 Hindi films during his acting careers like Hindustan Ki Kasam and Taxi Driver.
➤ Apart from acting, Anand had also directed and produced a few films, including Chalte Chalte.
10. Cricketer Najeeb Tarakai passed away recently he held from which country _____ **Afghanistan**.
Note:
➤ He played 12 Twenty20 Internationals (T20Is) for Afghanistan, after making his international debut in the 2014 T20 World Cup.
➤ He played his only one-day international against Ireland in 2017
11. Union minister Ram Vilas Paswan passed away recently, he was president of which political party _____ **Lok Janshakti Party**.
Note:
➤ He was also the president of the Lok Janshakti Party, eight-time Lok Sabha member and current Rajya Sabha MP.
➤ Ram Vilas Paswan started his political career as a member of Samyukta Socialist Party and was elected to the Bihar Legislative Assembly in 1969.
12. Renowned Personality CK Rajkumar passed away recently, he was veteran _____ **Businessman**.
Note:
➤ CK Rajkumar, the Founder of Sujatha Bio Tech and the owner of brands like Nivaran 90 and Velvette shampoo, passed away at a private hospital in Chennai.
➤ Rajkumar was recently in the news after one of their experiments to find a cure for Covid-19 went wrong in their lab in Chennai.
13. Renowned personality Rajan passed away recently, he was a veteran _____ **Music Composer**.
Note:
➤ Hailing from Mysuru, brothers Rajan and Nagendra debuted as music directors in 1952 with the Kannada film Soubhagya Lakshmi, and went on to have a very successful career for nearly four decades.
➤ They composed music for over 375 films, over 200 in Kannada and the rest in Telugu, Tamil, Tulu and Sinhala.
14. Justice KK Usha, passed away, she was first women chief justice of which High Court _____ **Kerala High Court**.
Note:
➤ And when she was appointed Chief Justice of the Kerala High Court from 2000 to 2001, Justice Usha became the first woman to join the High Court Judiciary from the Bar and became a Chief Justice.
➤ Justice Usha, who had a distinguished career as a judge and later as chief justice, began her career when she enrolled as an advocate in 1961.
15. Indian sportsman Carlton Chapman passed away recently he was associated with which sports _____ **Football**.
Note:
➤ Chapman was hospitalised at a hospital in Bengaluru,

- A product of the Tata Football Academy in early 1990s, Chapman joined East Bengal in 1993 and scored a hat-trick in his team's 6-2 win against Iraq club Al Zawra in a first round match at the Asian Cup Winners Cup that year.
16. Renowned politician C M Chang passed away due to COVID-19, he was environment minister of which state _____ **Nagaland.**
Note:
- Nagaland's environment minister, C M Chang passed away due to COVID-19. He was a retired IAS officer and former Member of Parliament, Lok Sabha (2009-13).
 - He was elected to the Nagaland Legislative Assembly from 51 Noksen constituencies under Tuensang district in 2013 and later retained the same seat in 2018 on Nationalist Democratic Progressive Party (NDPP) ticket.
17. Renowned Indian-origin human rights lawyer Priscilla Jana passed away, he was a national of which country _____ **South Africa.**
Note:
- Jana, who had played a significant role against apartheid, was the Deputy Chairperson of the South African Human Rights Commission (SAHRC).
 - Jana was also a member of the South African Law Commission and served as a member of the Advisory Committee to the President.
18. Renowned politician Vinod Kumar Singh passed away due to COVID-19, he was a minister in which state government _____ **Bihar.**
Note:
- He was a BJP MLA from Pranpur Assembly constituency of Katihar district in northeast Bihar and has been elected MLA thrice from the constituency.

Important Days

1. The first ever World Postcard Day was celebrated on _____ **October 1, 2020.**
Note:
- The goal for the World Postcard Day is to bring that joy to as many people as possible.
 - A postcard or post card is a piece of thick paper or thin cardboard, typically rectangular, intended for writing and mailing without an envelope.
 - The study and collecting of postcards is termed deltiology.
2. International Coffee Day is observed every year on _____ **1st October.**
Note:
- The focus of International Coffee Day 2020 is 'Coffee's Next Generation', a global initiative targeting talented and motivated young people and entrepreneurs in the coffee sector.
3. The International Day of Older Persons is observed every year on _____ **1st October.**
Note:
- The Day is observed to raise awareness about issues affecting the elderly, such as senescence and elder abuse.
 - It is also a day to appreciate the contributions that older people make to society.
 - The theme of 2020 is 'Pandemics: Do They Change How We Address Age and Ageing?'
4. World Vegetarian Day is observed annually around the planet on _____ **October 1.**
Note:
- World Vegetarian Day is observed annually around the planet on October 1 to promote the joy, compassion and life-enhancing possibilities of vegetarianism.
 - This day is celebrated to encourage and bring awareness about a vegetarian diet.
5. The United Nations' (UN) International Day of Non-Violence is observed on _____ **2nd October.**
Note:

- It is annually held on October 2 to coincide with renowned Indian leader Mahatma Gandhi's birthday.
 - This day is referred to as Gandhi Jayanti in India.
 - The objective of the day is to "disseminate the message of non-violence, including through education and public awareness".
6. World Habitat Day celebrated every year on which date _____ **5th October**.
- Note:**
- The day is celebrated to remind the people that they have all power and responsibility to shape the future of towns and cities.
 - The first Monday of every year is being celebrated as World Habitat Day. This was designated by the United Nations.
7. What is the theme of the World Habitat Day celebrated every year on 5th October _____ **Housing for All-A better Urban Future**.
- Note:**
- The first Monday of every year is being celebrated as World Habitat Day. This was designated by the United Nations.
 - The first World Habitat Day was celebrated in 1986.
8. World Teachers' Day is observed globally every year on _____ **5th October**.
- Note:**
- The day provides the occasion to celebrate the teaching profession worldwide, take stock of achievements, and draw attention to the voices of teachers, who are at the heart of efforts to attain the global education target of leaving no one behind.
 - In 2020, World Teachers' Day will celebrate teachers with the theme "Teachers: Leading in crisis, reimagining the future".
9. Indian Air Force Day is celebrated every year on which date _____ **8th October**.
- Note:**
- Indian Air Force was officially established on 8 October 1932 by the British Empire as the Royal Indian Air Force.
 - The name was changed to Indian Air Force in 1950.
10. The World Post Day is observed every year on which date _____ **9th October**.
- Note:**
- The purpose of World Post Day is to create awareness of the role of the postal sector in people's and businesses' everyday lives and its contribution to the social and economic development of countries.
 - World Post Day is celebrated each year on 9 October, the anniversary of the establishment of the Universal Postal Union in 1874 in the Swiss Capital, Bern.
11. World Migratory Bird Day is observed globally on _____ **10th October**.
- Note:**
- The Day will celebrate the biannual migration. The aim of the day is to raise awareness of migratory birds and the importance of international cooperation to conserve them.
 - This time the theme of World Migratory Bird Day 2020 is "**Birds Connect Our World**".
12. World Mental Health Day is observed globally every year on _____ **10th October**.
- Note:**
- The day is celebrated with an objective of raising awareness of mental health issues around the world and mobilizing the efforts in support of mental health.
 - This year's theme set by the World Federation for Mental Health is 'mental health for all'.
13. In India, the National Postal Day is celebrated annually on _____ **10th October**.
- Note:**
- The Day aims to commemorate the role played by the Indian postal department for the past 150 years, which was founded in 1854 by Lord Dalhousie.

-
14. International Day of the Girl Child is observed globally every year on _____ **11th October**.
Note:
- The International Day of the Girl Child focuses attention on the need to address the challenges girls face and to promote girls' empowerment and the fulfilment of their human rights.
 - The theme for 2020 International Day of the Girl Child is **"My voice, our equal future"**.
15. World Arthritis Day is observed globally every year on which date _____ **12th October**.
Note:
- The day is celebrated to raise awareness about arthritis, an inflammatory condition which causes pain and stiffness in joints which can worsen with age.
 - This day was started by Arthritis and Rheumatism International (ARI) in 1996 in order to spread awareness about arthritis and encourage policymakers to help reduce the burden of arthritis.
16. The United Nations marks the International Day for Disaster Reduction every year on which date _____ **13th October**.
Note:
- The day is celebrated to spread how people and communities all over the world are reducing their exposure to disasters.
 - The day is also called World Calamity Control Day. This year, in 2020, the day is marked under the theme "Disaster Risk Governance"
17. What is the theme of the World Standards Day 2020 _____ **Protecting the planet with standards**.
Note:
- The day aims to raise awareness about the importance of standardisation to the global economy among the consumers, regulators and industry.
 - World Standards Day 2020 theme is "Protecting the planet with standards".

New Appointments

1. Who has been appointed as the brand ambassador of the Online live tutoring company Vedantu _____ **Amir Khan**.
Note:
- Online live tutoring company Vedantu has onboarded Bollywood actor Aamir Khan as its brand ambassador.
 - Vedantu with its new ad campaign aims to make quality LIVE online learning accessible to every child, every home with India's best curated teachers.
2. Who has been appointed as the brand ambassador of the Real Estate Developer, Bengal Peerless Housing Development Company Limited _____ **Saurav Ganguly**.
Note:
- Kolkata based Real Estate Developer, Bengal Peerless Housing Development Company Limited appointed Former National Cricket Team Captain and Current President of Board of Control for Cricket in India (BCCI), Sourav Ganguly as it's Brand Ambassador.
 - He will lead the campaign of Bengal Peerless's Residential Project Avidipta II
3. Who has been selected as the Prime Minister of Belgium _____ **Alexander De Croo**.
Note:
- De Croo's French-speaking socialist rival Paul Mignette confirmed that the parties had chosen the 44-year-old finance minister as premier.
 - Belgium has had no governing majority for 21 months since the collapse of former leader Charles Michel's government, and it has been 493 days since federal elections failed to resolve the crisis.
4. Who has been appointed as the Chief Financial Officer (CFO) the State Bank of India _____ **Charanjit Surinder Singh Attra**.
Note:
- State Bank of India (SBI) said Charanjit Surinder Singh Attra has been appointed as Chief Financial Officer (CFO).

- Before joining the country's largest public sector lender, Attra was Partner at EY India and senior executive at ICICI Securities.
5. Who appointed as the member (s) of the **Monetary Policy Committee** (MPC) by the Government of India ____ **Jayant R Varma, B. Shashank Bhide and C. Ashima Goyal.**
- Note:**
- Their appointments were cleared by the Appointment Committee of the Cabinet chaired by PM Modi.
 - The current MPC was set up by the GoI in 2016 following the finalisation of Monetary Policy Framework Agreement. The framework introduced inflation targeting.
 - The committee consists of six members. Of these three are nominated by GoI as done recently. A Government official cannot be appointed to the committee.
6. Who has been appointed as the Director-General of Bureau of Civil Aviation Security (BCAS) _____ **M A Ganapathy.**
- Note:**
- The post of BCAS chief fell vacant after Rakesh Asthana was appointed as the Director-General of Border Security Force in August.
 - The Appointments Committee of the Cabinet has approved the appointment of Ganapathy to the post of Director-General, BCAS, for a tenure up to his superannuation on February 29, 2024.
7. Who has been appointed as the new Chairman of State Bank of India for a period of three years _____ **Dinesh Kumar Khara.**
- Note:**
- The post was lying vacant after the former Deputy MD & CFO Prashant Kumar, was appointed as the CEO of Yes Bank in March 2020.
 - C Venkat Nageshwar was serving the post on interim capacity.
 - Attra is a former Partner at global consulting firm EY India and had also served as the CFO at the ICICI Securities.
8. Who has been appointed as New Information Security Head of Twitter _____ **Rinki Sethi.**
- Note:**
- Twitter Inc appointed Rinki Sethi, a former information security executive at IBM, as its chief information security officer.
 - Sethi had previously worked as the vice president of information security at cyber-security firm Palo Alto Networks Inc.
9. Who has been appointed as the new deputy governor of the Reserve Bank of India (RBI) _____ **M Rajeshwar Rao.**
- Note:**
- Prior to this, M Rajeshwar Rao was an executive director at RBI.
 - He succeeds NS Vishwanathan as the central bank's fourth deputy governor.
 - NS Vishwanathan resigned from the post in March 2020 before the completion of his term in June, citing health reasons.
10. Who has been elected as the Chairman of Association of Mutual Funds in India (AMFI) _____ **Nilesh Shah.**
- Note:**
- He was earlier elected as the Chairman for 2019 – 2020. Nilesh Shah would also continue as the ex-officio Chairman of AMFI Financial Literacy Committee, being the Chairman of AMFI.
 - These decisions were taken by AMFI, the industry body of SEBI-registered mutual funds at its Board Meeting.
11. Who has been appointed the managing director and chief executive officer of India Post Payments Bank (IPPB) _____ **J Venkatramu.**
- Note:**
- J Venkatramu has been appointed the managing director and chief executive officer of India Post Payments Bank (IPPB). He will succeed Suresh Sethi, who served the post till March 2020.
 - Venkatramu is presently working as the chief digital officer in Equitas Small Finance Bank. He has been appointed to the post of MD and CEO of IPPB for a period of three years.

12. Who has been appointed as the new Managing Director & Chief Executive Officer Motilal Oswal Home Finance Limited (MOHFL) _____ **Arvind Hali**.

Note:

- Motilal Oswal Financial Services Ltd (MOFSL) has appointed Arvind Hali as the new Managing Director & Chief Executive Officer of its housing finance company Motilal Oswal Home Finance Limited (MOHFL).
- It has also appointed Amar Bahl as the Deputy Managing Director & COO of the company.

13. Who has been assigned the additional charge of Ministry of Consumer Affairs, Food and Public Distribution after the demise of Ram Vilas Paswan _____ **Piyush Goyal**.

Note:

- The Union Minister Piyush Goyal has been assigned the additional charge of Ministry of Consumer Affairs, Food and Public Distribution in addition to his existing portfolios, following the death of union minister Ram Vilas Paswan.
- Goyal is currently serving as the Union Minister of Railways and Minister of Commerce and Industry.

14. Who has been appointed as the dean of the Harvard University's business school _____ **Srikant M Datar**.

Note:

- Datar will succeed Nitin Nohria, another Indian-American, and will be the second dean of Indian origin at Harvard University, with Rakesh Khurana, who heads Harvard College.
- Datar will be the 11th dean of the prestigious school.

Sports News

1. Who has won the Gold Medal in the 10m air rifle event at the fifth edition of the International Online Shooting Championship _____ **Visnu Shivaraj Pandian**.

Note:

- The second place was won by world no. 27 Etienne Germond of France while Olympic quota winner Martin Strempl of Austria, who had shot the best qualification score of 631.4, took the third place.
- The only other Indian in the finals Pratyush Aman Barik finished seventh

2. Who has won the 10m air pistol event in the fifth edition of the International Online Shooting Championship (IOSC) _____ **Yashaswini Singh Deswal**.

Note:

- Indian Olympic quota winner Yashaswini Singh Deswal won the 10m air pistol event in the fifth edition of the International Online Shooting Championship (IOSC).
- The second place was grabbed by Ahmed Nabil of Egypt while his compatriot Yehya Shams took the third place. Sylvia Steiner, an Olympic quota winner for Austria, settled for the fourth place.

3. Which state released a picture postcard named "Jau Kandhei" on the theme of 'Traditional Toys of India' on the occasion of World Postcard Day _____ **Odisha**.

Note:

- World Postcard Day is observed every year on 1st October.
- Ten other postal circles across the country have also released similar postcards on the same theme.
- The objective is to promote the artisans making traditional toys in Odisha and other parts of the country.

4. Sports Minister Kiren Rijiju launched the new logo of which sports organization _____ **Sports Authority of India's (SAI)**.

Note:

- The new logo signifies SAI's journey of metamorphosis from identifying and nurturing grassroot level sporting talent to creating sporting excellence in the country.

5. Who has won the 2020 Eifel Grand Prix, held at the Nürburgring in Nürburg, Germany _____ **Lewis Hamilton**.

Note:

- This is Hamilton's 7th win of the season and 91st career race victory, which was till now achieved only by Michael Schumacher.

- Max Verstappen (Red Bull – Netherlands) came second followed by Daniel Ricciardo (Renault, Australia) at third position.
6. Who won the men’s 2020 French Open Single Title _____ **Rafael Nadal**.
Note:
- This is his 13th French Open men’s singles title and 20th Grand Slam title.
 - The Spaniard defeated Novak Djokovic 6-0, 6-2, 7-5 in 2 hours and 41 minutes at Court Philippe-Chatrier in Paris.
7. Who won the women’s 2020 French Open Single Title _____ **Iga Swiatek**.
Note:
- The 19-year-old Swiatek, at 54 the lowest-ranked woman to capture the Roland Garros title in the modern era, is the ninth first-time Major champion in the past 14 Grand Slams.
 - Swiatek is the youngest women’s French Open winner since Monica Seles 28 years ago.
 - Swiatek was only the second Polish woman to reach a Grand Slam final in the Open era after Agnieszka Radwanska at Wimbledon in 2012.
8. Who won the 2020 Junior Speed Online Chess Championship _____ **Nihal Sarin**.
Note:
- The title win earned the 16-year old Sarin \$ 8,766 and enabled him to qualify for the 2020 Speed Chess Championship Final which will feature the world’s best players.
 - Sarin had beaten American Andrew Tang, Australia’s Anton Smirnov and Armenian Haik Martirosyan en route the title.
9. Which team has won the National Basketball Association (NBA) Championship 2020 _____ **Los Angeles Lakers**.
Note:
- This is the 17th NBA title win for LA Lakers and also their first since 2010, after late Kobe Bryant’s fifth and final title a decade ago.
 - LeBron James of the Lakers’ was named the NBA Finals Most Valuable Player (MVP) for the fourth time in his career.
 - With this, he became the first player in league history to be named Finals MVP with three different franchises.

Books and Authors

1. Who has authored the book titled “Discovering the Heritage of Assam” released by union minister Dr Jitendra Singh _____ **Padampani Bora**.
Note:
- The book depicts the heritage, faith, beliefs and traditions of different ethnic tribes and subtribes living in Assam, the largest State of the North Eastern Region.
 - The book by Padampani Bora will help to understand the grand splendour and glory of the undiscovered facets of Assam.
2. Who has authored the kid’s book titled “The Very, Extremely, Most Naughty Asura Tales for Kids” _____ **Anand Neelakantan**.
Note:
- The book narrates the story of the asura twins Kundakka and Mandakka who hate to go to school, troublesome Bhasma and per pig Nakura, brothers Atapi and Vatapi and others.
 - This book introduces the Indian Puranas to the kids who are indulged in electronic gadgets.
 - The illustrations of the book are made by Subhadeep Roy and Shiladitya Bose.
3. Who launched the coffee-table book titled “Babu – The Unforgettable _____ **Manish Sisodia**.

Note:

- The book narrates the story of the asura twins Kundakka and Mandakka who hate to go to school, troublesome Bhasma and per pig Nakura, brothers Atapi and Vatapi and others.
- This book introduces the Indian Puranas to the kids who are indulged in electronic gadgets.
- The illustrations of the book are made by Subhadeep Roy and Shiladitya Bose.

4. The book titled 'Deh Vechwa Karani, is autobiography of which former Union Minister _____ **Balasaheb Vikhe Patil.**

Note:

- The autobiography of Dr Patil has been titled 'Deh Vechwa Karani,' means 'dedicating one's life for a noble cause.'
- Dr Patil served as Member of Lok Sabha for multiple terms. He died in 2016 at the age of 84.

5. Who has written the book titled " The Khalistan Conspiracy" _____ **GBS Sidhu.**

Note:

- The book published by HarperCollins will be released on October 24.
- The contents of this book revolve around a two-phased, top-secret operation, which he named "Operation Bhindranwale-Khalistan". It was initiated and managed by some senior and influential Congress leaders operating from the prime minister's residential office at 1 Akbar Road, New Delhi.

Science and Defence

1. From which country India to acquire Sprut Light Tanks to be used in high altitude areas of Line of Actual Control _____ **Russia.**

Note:

- They are being acquired to be used in high altitude areas of Line of Actual Control.
- The need to buy Sprut Light Tanks has come after border hostilities with China increased in the Line of Actual Control. The new tank is under trial in Russia.

2. What is the strike range indigenously developed nuclear capable hypersonic missile 'Shaurya' test fired recently _____ **1000 km.**

Note:

- The surface-to-surface tactical missile, which is the land variant of India's K-15 missile, has a strike range of 700 km to 1000 km and is capable of carrying payloads of 200 kg to 1000 kg.
- It is 10 metres long, 74 cm in diameter and weighs 6.2 tonnes. Its two stages use solid propellants.

3. The Defence Research Development Organization (DRDO) successfully test fired SMART Wheeler Islands in the coast of Odisha it is a _____ **Torpedo.**

Note:

- The Torpedo was test fired from Wheeler Islands in the coast of Odisha. The launch is important for India to establish its anti-submarine warfare capabilities.
- SMART is an anti-submarine Torpedo system and is the fastest in the world. It has a range of 650 km.

4. Name the offshore patrol vessel of the Indian Coast Guard (ICG) that has been formally unveiled at the Kattupalli port, Chennai, Tamil Nadu _____ **Vigraha.**

Note:

- The vessel, built by Larsen and Toubro, is the last in the series of seven OPVs contracted to the company by the Ministry of Defence in 2015.

- It was the first time a private sector shipyard has undertaken the design and construction of offshore patrol vessel class of ships.
5. Which IIT has launched a telemedicine system 'iMediX' to help patients receive assistance from doctors without having to go to hospitals or clinics _____ **IIT Khargpur**.
- Note:**
- 'iMediX' allows patients to request for consultation by choosing a department of a hospital, entering their complaints and uploading necessary medical records. The hospital then processes the request and assigns a doctor.
 - The system iMediX which is accessible by any standard internet browser and also from a mobile device, has been developed by researchers at IIT Kharagpur's Department of Computer Science and Engineering.
6. ISRO is scheduled to launch its Venus mission in which year _____ **2025**.
- Note:**
- The VIRAL (Venus Infrared Atmospheric Gases Linker) instrument co-developed with the Russian federal space agency Roscosmos and the LATMOS atmospheres, environments and space observations laboratory attached to the French national scientific research centre CNRS has been selected by the ISRO after a request for proposals.
7. Which establishment of the DRDO has developed the Laser-Guided Anti Tank Guided Missile (ATGM) which was successfully test-fired recently _____ **Armament Research and Development Establishment**.
- Note:**
- The ATGM employs a tandem HEAT warhead to defeat Explosive Reactive Armour protected armoured vehicles in ranges from 1.5 to 5 kilometres.
 - This Laser Guided Missile has been developed by Armament Research and Development Establishment, Pune in association with High Energy Materials Research Laboratory, Pune and IRDE, Dehradun.
8. Fast Patrol Vessel (FPV) ICGS 'Kanaklata Barua' of the Indian Coast Guard was commissioned at _____ **Kolkata**.
- Note:**
- ICGS Kanaklata Barua is one of the five FPVs built by GRSE, the Defence Public Sector Undertaking, for the Indian Coast Guard.
 - The entire design of the FPVs has been developed in-house by GRSE as per requirements specified by the Indian Coast Guard.
9. Bilateral Naval Exercise 'Bongosagar' conducted recently between which two countries _____ **India and Bangladesh**.
- Note:**
- The 2nd edition of Indian and Bangladesh Navy Bilateral Exercise Bongosagar is commenced in the Northern Bay of Bengal.
 - Exercise is aimed at developing interoperability and joint operational skills through conduct of a wide spectrum of maritime exercises and operations.
10. Which Indian Institute of Technology (IIT) has signed an MoU with the Centre for Development of Advanced Computing (C-DAC), Pune to set up a Rs 17-crore supercomputing facility _____ **IIT Guwahati**.
- Note:**
- The agreement is for a period of five years
 - The new supercomputer with "650 TFLOPS is more powerful and a technologically superior facility", which will play an important role in the field of scientific and engineering applications.
 - IIT-G's Computer and Communication Centre is already equipped with 'Param Ishan', a '250 TF' supercomputer.

11. Intel India in association with International Institute of Information Technology (IIIT-H), has set up an artificial intelligence research centre in which city of India _____ **Hyderabad.**

Note:

- It will apply AI solutions to population-scale problems in the Indian context, with focus on challenges in the healthcare and smart mobility segments.
- The center will solve India's population-scale challenges in sectors such as healthcare and smart mobility.

12. Which missile has been test fired by the Defence Research and Development Organisation that was failed due to technical snag _____ **Nirbhay.**

Note:

- The missile developed engine problems within 8 minutes of its launch.
- Nirbhay was the tenth missile to be fired by India in the last 35 days.

13. Name the indigenous combat drone which was successfully tested by the Defence Research and Development Organisation (DRDO) _____ **Rustom-2.**

Note:

- Rustom-2 is capable of carrying different combinations of payloads, which includes electronic intelligence systems, situational awareness systems and also synthetic aperture radar.

14. In association with which Indian Institute of Technology (IIT) the "Tech for Tribals" initiative has been launched by Tribal Cooperative Marketing Development Federation of India (TRIFED) and Chhattisgarh Minor Forest Produce Federation _____ **IIT Kanpur.**

Note:

- The initiative aims for holistic development of Tribals with focus on Entrepreneurship development, soft skills, Information Technology (IT) and Business Development.
- As part of this initiative, TRIFED has partnered with National Institutions such as IIT Kanpur, Art of Living, Bangalore, TISS (Tata Institute of Social Sciences) Mumbai, KISS (Kalinga Institute of Social Sciences) Bhubaneswar, Vivekananda Kendra, Tamil Nadu and SRIJAN (Self-Reliant Initiatives through Joint Action), Rajasthan to impart training to the beneficiaries.

15. Name the India's first indigenous anti-radiation missile that was successfully test fired from a Sukhoi-30 fighter jet _____ **Rudram 1.**

Note:

- The supersonic-capable missile can be launched at speeds ranging from 0.6 mach to 2 mach, i.e., twice the speed of sound.
- IT can be launched from a height of 500m to 15 km. Rudram-1 is India's first indigenous anti-radiation missile.

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