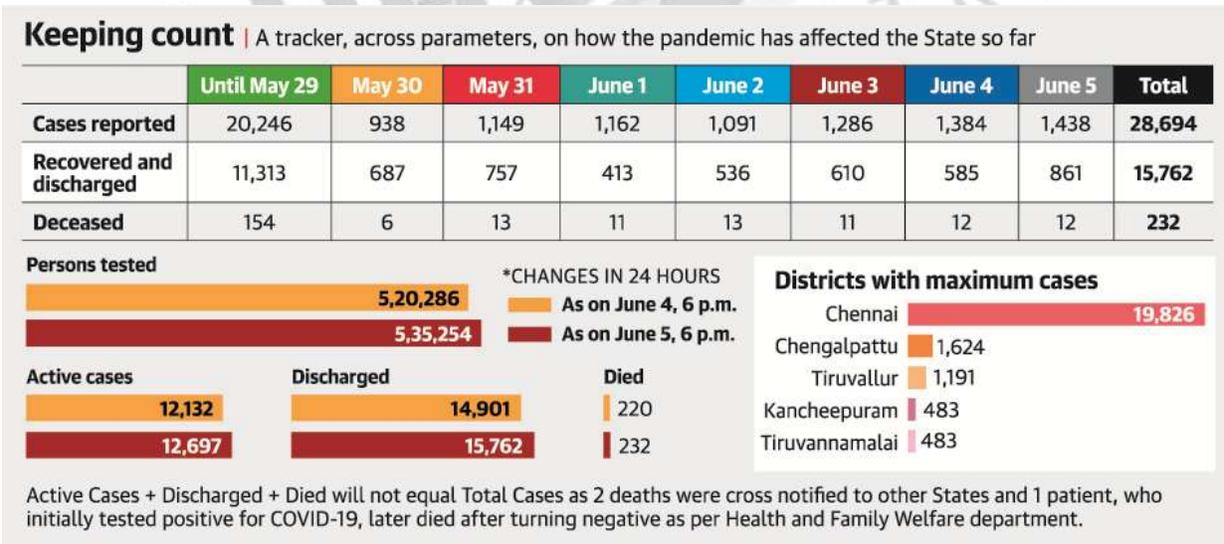




EVERYDAY CURRENT AFFAIRS – JUNE 6, 2020

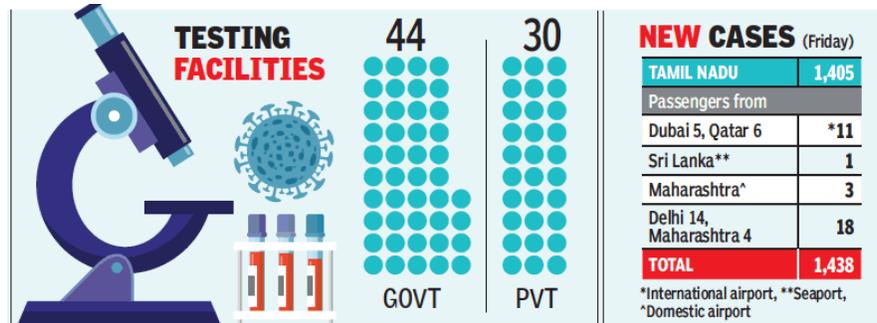
TAMIL NADU

- On June 6, Tamil Nadu - registered more than 1,000 fresh Covid-19 positive cases for the sixth day running, taking the state's cumulative total to 28,694.
- ✓ Twelve deaths were recorded on the day, pushing the state's toll to 232.
- ✓ Chennai accounted for 1,116 cases on the day, taking its total closer to 20,000-mark to 19,826



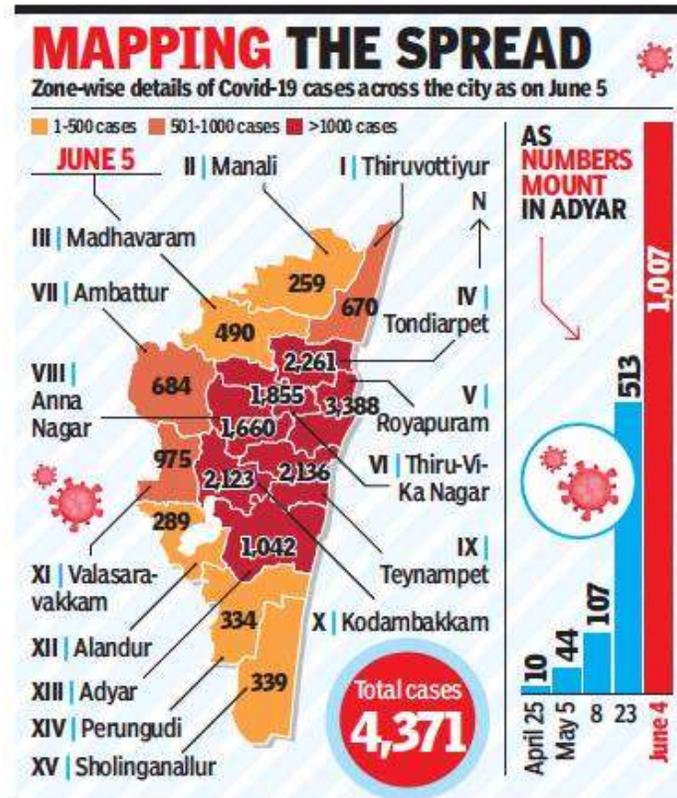
- ✓ On the day, eight of the 12 people who died were senior citizens, four in their 80s, with the oldest being an 86-year-old woman from Chengalpattu
- ✓ Of the 1,438 fresh cases, 1,405 were indigenous cases and 33 persons had returned from abroad and other States
- ✓ Meanwhile, the state's infection rate is growing and doubling period — the time it takes for the cases to double — is dropping
- ✓ In the last six days, the state added 7,510 cases

- ✓ According to the data from National Institute of Epidemiology, an ICMR institute in Chennai, Chennai now has a doubling period of 12 days, against 16 days on May 31
- ✓ With 15,692 samples tested on the day, the total number of samples tested so far stands at 5,60,673.



- ✓ Among the fresh cases were 584 women and three transpersons.
- ✓ Apart from Chennai, its neighbours Chengalpattu reported 86 cases and Tiruvallur, 64.
- ✓ Further, there were 15 cases reported in Kancheepuram, 14 in Ranipet and 13 in Tiruvannamalai.
- ✓ Meanwhile, the state health minister C Vijayabaskar said that the state will partner with the ICMR for the BCG vaccine trial that aims to protect the vulnerable patients
- ✓ At present, the trial of convalescent plasma therapy was going on successfully at the Rajiv Gandhi Government General Hospital (RGGGH), while the Solidarity Trial for remdesivir was in progress at both the RGGGH and the Government Medical College Hospital, Omandurar.
- ✓ On the day, a total of 861 persons were discharged from hospitals.
 - ✓ This takes the total number of patients recovered to 15,762, while the number of active cases stood at 12,697.
 - ✓ The state's recovery rate currently stands at 55%.
- ✓ **On June 5, the state government appointed five ministers to oversee Covid-19 coordination and control work carried out by the city corporation.**
- ✓ The ministers appointed include D Jayakumar, K P Anbazhagan, R Kamaraj, R B Udayakumar and M R Vijayabaskar.
 - ✓ D Jayakumar has been assigned Madhavaram and the two hotspots of Tondiarpet and Royapuram.
 - ✓ Minister Anbazhagan will handle Adyar, Perungudi and Sholinganallur
 - ✓ Minister Kamaraj will look after Anna Nagar, Teynampet and Kodambakkam.
 - ✓ Udayakumar has been assigned Tiruvottiyur, Manali and Thiru Vi Ka Nagar
 - ✓ M R Vijayabaskar is in charge of Ambattur, Valasaravakkam and Alandur.

- ✓ Of the 15 zones under the corporation limits, each minister will handle three zones and would monitor the containment efforts by the corporation and the field support team
 - ✓ The state has also set up field support teams comprising 40 officials, including IAS and IPS officers, and a team of five senior IPS officers
 - ✓ This field support teams will assist special nodal officer J Radhakrishnan, to ensure effective containment zone management, focused testing, effective contact tracing, isolation and quarantine management.
 - ✓ The state had already announced 'incentives' to the people of densely populated areas to move to quarantine camps to maintain social distancing norms, and decentralise the contact tracing
 - ✓ In Chennai, COVID-19 patients were being managed at the four government medical college hospitals, ESI Ayanavaram, and five COVID-19 Care Centres.
- **The Indian Council of Medical Research (ICMR) - has given approval to Jipmer in Puducherry to begin the convalescent plasma trial in the treatment of Covid-19 viral disease**
- ✓ The trial will assess the efficacy of the plasma of cured Covid-19 patients in fighting the novel coronavirus.
 - ✓ In this regard, the Jipmer institute has invited 'eligible' people who have recovered from the viral infection to donate their plasma for the trial.
 - ✓ The concept of plasma therapy involves using antibodies from recovered patients to treat the infected fresh patients.
 - ✓ All recovered patients aged between 18 and 65 can donate plasma.
 - ✓ However, women, who are pregnant or had been pregnant, are usually not considered for collection.
 - ✓ The donors must have completed a minimum of two weeks (14 days) after recovery.
- **On June 4, Adyar (zone 13) - became the seventh zone in the city corporation to record 1,000 Covid-19 cases.**
- ✓ It is the only zone in the south Chennai region which has registered above 1000 Covid cases.
 - ✓ The other three zones in this region are yet to cross 500 cases as on date.
 - ✓ The rate of growth of cases in Adyar shows that the doubling of cases in the zone was comparatively slower than that in Royapuram, Tondiarpet, Thiru-Vi-Ka Nagar and Kodambakkam.
 - ✓ The case doubling rate in Adyar has dropped to around 10-12 days but there has been a steady increase.
 - ✓ Meanwhile, the number of cases in Kodambakkam and Teynampet has also crossed 2,000.

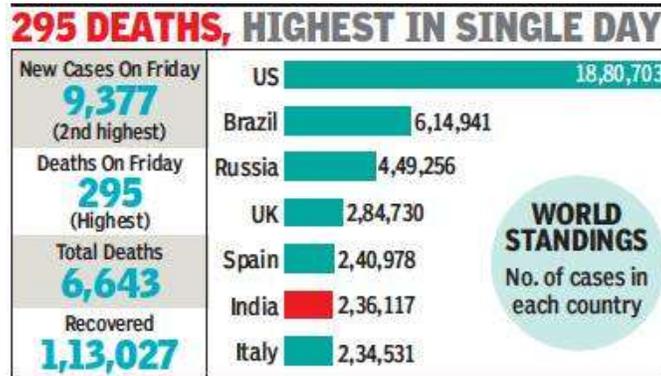


- ✓ With this, the four of the city's zones, Royapuram, Tondiarpet, Kodambakkam and Teynampet together contribute nearly 10,000 cases.

NATIONAL

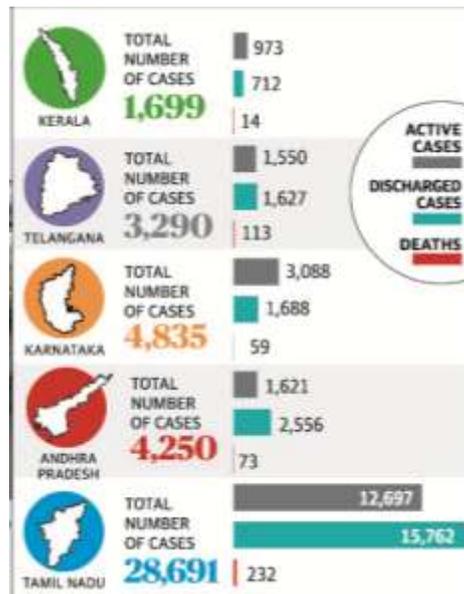
- **On June 5, India witnessed its highest single-day death toll in the Covid-19 pandemic so far, with the reporting of 295 fatalities**
- ✓ Meanwhile, the count of fresh infections stood at 9,000 for the second straight day.
- ✓ India's cumulative count of Covid-19 cases stands at 2,36,117, according to data from state governments.
- ✓ With this, the country's total number of infections went past Italy's count of 2,34,531, taking India to the sixth spot among countries with the highest caseloads of the virus.
- ✓ At the current level of increase, India is set to rise to the fifth place in the list of Covid-hit countries on June 6, overtaking Spain.
- ✓ For the second consecutive day, India reported the third highest number of new cases in the world, ahead of Russia and behind just Brazil and the US.
- ✓ Maharashtra reported its highest singleday toll of 139 fatalities on the day (including the earlier uncounted deaths), while Delhi reported 58 deaths, Gujarat 35, Tamil Nadu and Uttar Pradesh reported 12 each and Bengal 11.

- ✓ Among states, Maharashtra continued to report by far the highest number of fresh infections at 2,436, though the number was nearly 500 less than the count reported on a earlier day.



- ✓ At least six states — Tamil Nadu (1,438 new cases), Gujarat (510), Uttar Pradesh (502), Bengal (427), Chhattisgarh (106) and Jharkhand (96) — registered their highest single-day rise in cases.
- ✓ Further, the surge in infections continued in Delhi, which recorded 1,330 fresh cases, Haryana (316), Madhya Pradesh (234), J&K (182) and Rajasthan (222).
- ✓ In the last three days, the state has reported a total of 384 deaths, taking its total death toll to 2849
- ✓ Maharashtra reported another 2436 new cases, breached the 80,000 mark and has a total of 80,229 cases, as on date.
- ✓ Mumbai equalled its record of highest number of Covid deaths in a 24-hour period with the reporting of 54 fatalities on the day.
- ✓ Meanwhile, Gujarat reported 510 cases – or one case every three minutes – in the last 24 hours
 - ✓ This was the highest single-day tally registered so far, taking the state’s cumulative tally to 19,119.
 - ✓ A total of 35 Covid-19 patients succumbed to the infection in the last 24 hours, taking the death toll to 1,190.
 - ✓ It was the highest single-day death toll since May18.
- ✓ Kerala for the first time crossed the three-digit mark in the number of positive cases on a single day, with as many as 111 positive cases reported on the day.
 - ✓ Of 111 new cases, 98 were imported patients from other states and countries.
 - ✓ Till date the State has reported 1,697 cases and 14 deaths.
- ✓ Taking into account the seriousness of the situation, chief minister Pinarayi Vijayan said the state government had decided to begin rapid antibody tests from June 6 for which the Indian Council of Medical Research (ICMR) had supplied 14,000 kits.
- ✓ Telangana reported eight deaths and 143 new cases on the day, raising its total fatalities to 113 and the total cases to 3,290.

- ✓ Andhra Pradesh reported two more fatalities and 138 cases, taking the tally of COVID-19 to 4,250.



- ✓ On June 5, Karnataka recorded a massive 515 cases, taking the total number of positive cases to 4,835.
 - ✓ With this, Karnataka has moved to the 10th position in the country from 12th.
 - ✓ The state has registered 57 deaths due to the infection till date.
- ✓ Meanwhile, the Union Health Ministry has said that in case of symptoms like fever, cough or difficulty in breathing, citizens should call a toll free number 1075 and seek immediate help.
- **Ahmedabad - has the highest deaths per million population in the country, as on June 5**
 - ✓ It also has the highest case fatality rate (CFR) — number of deaths per 100 cases — among the nine urban agglomerations with population of more than 5 million.
 - ✓ At 118 deaths per million, Ahmedabad ranks at the top position, followed by Mumbai in second place with 83 deaths per million
 - ✓ Among the top metros, Bengaluru is the best performing metro with just one death per million.
 - ✓ In terms of case fatality rate, Chennai's 0.9 is the lowest among the nine mega cities.
 - ✓ Even in absolute numbers, Ahmedabad, which has recorded 953 deaths, is second only to Mumbai with 1,698 deaths.
 - ✓ Delhi follows Mumbai with 650 deaths.
 - ✓ Bangalore has recorded just 14 deaths so far and the least number of cases, only 428.

- ✓ According to the study, the nine urban agglomerations — cities and their urban neighbours, like Greater Mumbai or Greater Kolkata —that has 5 million or more people living in them are compared with each other.

**BENGALURU
FARING BEST**

City*	Deaths Per Mn	CFR**
Ahmedabad	118	6.9
Mumbai	83	3.1
Pune	55	4.4
Delhi	32	2.6
Kolkata	23	6.4
Chennai	16	0.9
Surat	10	3.9
Hyderabad	2	1.3
Bengaluru	1	3.3

* Urban agglomeration ** Case fatality rate
Source: State websites for cases & deaths, UN World Urbanisation Prospects & census for popn

- ✓ These nine urban agglomerations contribute over 1.3 lakh cases (nearly 60% of India's total) and 4,299 deaths, over two-thirds of the country's total.
 - ✓ An urban agglomeration (UA) is continuous urban stretch that surrounds a city or the geographical stretch of two or more cities which in many ways function as the same city.
 - ✓ For example, Mumbai UA covers the Municipal Corporations of Mumbai, Thane, Navi Mumbai, Kalyan-Dombivali, Ulhasnagar and Mira Bhayandar.
 - ✓ Similarly Kolkata UA spreads over the districts of Kolkata, North and South 24 Parganas, Hooghly and Howrah.
 - ✓ Chennai UA has Chennai, Thiruvallur and Kancheepuram while Hyderabad UA includes Hyderabad, Rangareddy and Medak.
 - ✓ Ahmedabad UA also includes Gandhinagar.
 - ✓ A low CFR is often seen as a result of extensive testing and hence detecting of a large number of positive cases.
 - ✓ The higher the number of positive cases, the denominator, the smaller the CFR would be.
- **The government – has announced that this year's International Yoga Day will be celebrated on digital platforms and there will be no mass gatherings, due to the impact of Covid-19 outbreak.**
- ✓ According to the AYUSH ministry, Prime Minister Narendra Modi's participation in an International Yoga Day programme on June 21 in Leh is doubtful, due to the current Covid-19 situation.

- ✓ In March, the Government had said that Leh will be the venue for the main event for the International Yoga Day and the PM will attend it.
- ✓ This year's theme is 'Yoga at Home and Yoga with Family'.
- ✓ People will be able to join Yoga Day celebrations virtually at 7 am on June 21.

- **The country's top drug regulator, Drugs Controller General of India (DCGI) — has allowed Sun Pharmaceutical to conduct clinical trial for the first phytopharmaceutical (plant-based) drug AQCH to see whether it can be used to treat Covid-19 patients.**
- ✓ The results of the trial are expected by October this year.
- ✓ AQCH, which is being developed for dengue, has shown broad antiviral effect in in-vitro studies
- ✓ Subsequently, Mumbai-based Sun Pharma has decided to commence Phase II clinical trials to test the drug as a potential treatment option for Covid-19.
- ✓ The clinical trials will be conducted across 12 centres in India in 210 patients.
- ✓ The treatment duration for patients will be 10 days with the drug.

- **The Ministry of Civil Aviation - notified the draft rules, known as Unmanned Aircraft System Rules, 2020, on June 2**
- ✓ The rules will be applicable for importing, manufacturing and owning drones as well as for drone ports, or airports for drones.
- ✓ It has invited comments from stakeholders within the next 30 days, following which the rules will be finalised.
- ✓ According to the draft rules, "carriage of payload" as well as "dropping of articles" by unmanned aerial vehicles is prohibited
- ✓ This means, the drones cannot be used to airlift any materials, including the food and other groceries.
- ✓ The draft rules released by the Centre come 18 months after it mandated that drone owners have to get their equipment registered with the DGCA and allowed their use within the visual range.
- ✓ The rules come at a time the DGCA has permitted 13 companies, including SpiceJet and food startups like Zomato and Swiggy, to conduct trials for using the drones beyond the visual line of sight (BVLOS).
- ✓ Each of these companies are supposed to submit a report to the DGCA as per the studies, based on which the DGCA will examine the feasibility of remote operations of drones.

INTERNATIONAL

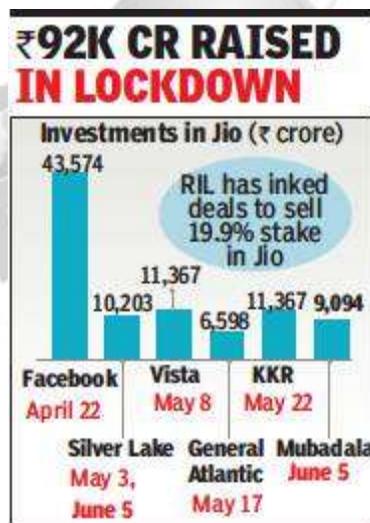
- **Brazil - is the hardest-hit country in Latin America, though the casualties are also rising sharply in Mexico, Peru, Ecuador and Chile.**
- ✓ On the day, Brazil with virus toll of over 34,000 surpassed Italy as the country with the third most deaths.

- ✓ That is behind only the United States, with more than 1,08,000 deaths, and Britain, with nearly 40,000.
 - ✓ Mexico reported a record number of fresh infections for the second straight day, with 4,442 cases.
 - ✓ In Peru, residents lined up to buy oxygen tanks, after the government declared oxygen a “strategic health resource” in the midst of an acute shortage
 - ✓ On June 5, Pakistan reported 5,000 new coronavirus cases, its highest single-day record, taking the country’s tally to 90,602.
 - ✓ Since emerging in China’s Wuhan province late last year, the virus has infected at least 6.6 million people, killed more than 3,90,000 and destroyed the global economy by forcing millions to stay inside their homes.
 - ✓ On a happier note, New York city reported no deaths for first time since March.
 - ✓ Europe meanwhile continued its tentative return from lockdown, hoping to restart its stalled economies without sparking a second wave of infections.
 - ✓ Meanwhile, WHO chief Tedros Adhanom Ghebreyesus said people over age 60 or those with underlying medical conditions should wear a mask in situations where social distancing can’t be maintained.
- **On June 5, British scientists – stopped a major drug trial after it found that the anti-malarial hydroxychloroquine was “useless” at treating Covid-19 patients.**
- ✓ Based on the preliminary results of a randomized trial by name ‘RECOVERY’, it was now quite clear that hydroxychloroquine does not reduce the risk of death among hospitalised patients with Covid-19
 - ✓ The trial had randomly assigned 1,542 patients to hydroxychloroquine and compared them with 3,132 patients randomly assigned to standard care without the drug.
 - ✓ However, the results showed no significant difference in death rates after 28 days or in the overall length of stay in hospital
- **On June 4, the governments around the world - pledged \$8.8 billion for Global vaccines alliance, Gavi to help immunisation programmes disrupted by coronavirus**
- ✓ The summit had overtaken the set target to raise \$7.4 billion to provide vaccines at a much reduced cost to 300 million children worldwide.
 - ✓ More than 50 countries took part in the summit along with philanthropist individuals
 - ✓ Billionaire philanthropist Bill Gates foundation pledged \$1.6 billion to the initiative.
 - ✓ Gavi also launched a new initiative to purchase potential COVID-19 vaccines, scale-up production and support delivery to developing nations, which raised \$567 million in seed money
 - ✓ British Prime Minister Boris Johnson hosted the online summit in the United Kingdom.

- ✓ Prime Minister Narendra Modi also took part in the meeting and addressed the global leaders.

ECONOMY

- **The 40th meeting of the GST Council - will be held via video-conferencing on June 12**
 - ✓ It will be headed by Finance Minister Nirmala Sitharaman and comprise of her state counterparts and other bureaucrats
 - ✓ The meeting is expected to discuss the impact of the Covid pandemic on tax revenues of the Centre and states and ways to bridge the revenue gap.
 - ✓ The Council will also discuss ways to garner funds to compensate states for the revenue loss due to GST implementation.
- **Abu Dhabi's sovereign wealth fund, Mubadala - has agreed to invest ₹9,094 crore in Jio Platforms, making it the first Middle Eastern deal in the Mumbai-based digital-cum-telecom services company.**



- ✓ Mubadala's investment will give the company a 1.85% stake in Jio Platforms, which has an enterprise value of ₹5.16 lakh crore.
- ✓ Mubadala, with a \$229-billion portfolio, is the latest addition to Jio's roster of marquee investors.
- ✓ These include Facebook and other US firms such as Silver Lake, Vista, KKR and General Atlantic.
- ✓ Another Abu Dhabi sovereign wealth fund, ADIA, and Saudi Arabia's Public Investment were also planning to acquire shares of Jio.
- ✓ **Further, Silver Lake has agreed to make an additional investment of ₹4,547 crore in Jio entity**
 - ✓ This would increase its stake to 2.08% from 1.15% in the Indian company.
 - ✓ In May, the US funding company had agreed to invest ₹5,655.55 crore in Jio.

- ✓ This brings the aggregate investment by Silver Lake and its co-investors to ₹10,202.55 crore.
- ✓ Silver Lake's investment values Jio Platforms at an equity value of ₹4.91 lakh crore and an enterprise value of ₹5.16 lakh crore
- ✓ Silver Lake, with \$40 billion in assets, invests mostly in technology companies.
- ✓ With this, Parent RIL has so far signed deals with six companies to sell an 19.9% stake in Jio, raising ₹92,202 crore over the last six weeks.
- ✓ Jio is India's largest cellular services operator with over 388 million customers
- ✓ RIL plans to use the external money to lower its debt of ₹3.36 lakh crore (\$44 billion), which was mainly incurred due to the aggressive expansion strategy in Jio.
- ✓ Jio Platforms is Mubadala and Silver Lake's largest investment in an Indian company.
 - ✓ Mubadala is the second-largest state investor in Abu Dhabi after ADIA
 - ✓ It had recently invested in Waymo, Alphabet's self-driving car venture.
 - ✓ Established in 2017, Mubadala manages several funds in the U.S., Europe and West Asia.
 - ✓ Headquartered in Abu Dhabi, it has offices at Moscow, Rio de Janeiro, New York and San Francisco.
 - ✓ Its portfolio covers a wide range of fields including advanced manufacturing, semiconductors, metals and mining and pharmaceutical and medical technology, among others.

AWARDS

- **Kiran Mazumdar-Shaw - has been named the EY World Entrepreneur of the Year 2020**
- ✓ This makes her the first woman entrepreneur from the country to win the award and the third Indian to do so.



- ✓ Kiran will be presented with the award for her contribution in improving universal access to affordable life saving medicines.

- ✓ She has been honoured with the title from among a distinguished list of 46 EOY country award winners from 41 countries and territories
- ✓ Kiran, the Biocon executive chairperson, is the second woman worldwide to be awarded the title, after Olivia Lum of Hyflux, Singapore, in 2011.
- ✓ She is also the third Indian to win the award after Uday Kotak of Kotak Mahindra in 2014 and Narayana Murthy of Infosys in 2005.
- ✓ Kiran founded Biocon, a bio-enzymes company, in 1978 with just two employees and an investment of 500 USD.
 - ✓ As on date, the company has grown with more than 11,000 people and became one of the strongest innovation-driven biotech companies in the entire Asia.
 - ✓ In the last 15 years, the company has supplied more than 2 billion affordable doses of insulins (biosimilar insulins) at less than 10 USD per day
 - ✓ The Biosimilar medicine is an identical copy of an original product that was manufactured by another company.

SPORTS

- **Cristiano Ronaldo - became the first footballer in history to earn \$1 billion in his playing career, according to Forbes.**
- ✓ Ronaldo has earned \$105 million before taxes and fees in the past year to reach the coveted position.



- ✓ He is only the third athlete to reach the milestone while still playing, after golfer Tiger Woods and boxer Floyd Mayweather.
- **The Asian Football Confederation - has awarded the hosting rights of the 2022 Women's Asian Cup to India for the first time since 1979.**
- ✓ Overall, around 12 teams are expected to participate in the tournament, which is likely to be held in the second half of the year.
- ✓ The decision was taken at the AFC Women's Football Committee meeting.
- ✓ The Indian team has twice finished as runners in 1980 and 1983 and won bronze in 1981.

- **The National Anti-Doping Agency (Nada), country's anti-doping watchdog – has announced a new set of guidelines to resume drug testing of the Tokyo Olympics probables and elite sportspersons in the country**
- ✓ As per the new norms, athletes hiding behind the Covid-19 situation to deliberately avoid providing samples to visiting dope control officers (DCOs) will be banned for a period of up to four years
- ✓ Also, an athlete's refusal to wear gloves and disposable face mask or not applying hand sanitiser at the time of handing over the plastic sample container to the DCO will amount to a punishable offence
- ✓ The Nada has also devised a special precaution mechanism to be followed by its own DCOs for the health and safety of India's premier athletes
- ✓ As per the mechanism, a DCO will be required to self-certify on the morning of, or the evening before, a scheduled testing visit they have been assigned that "they have no symptoms related to Covid-19"
- ✓ They also have to say that –
 - ✓ they have not been in contact with anyone whom they know is awaiting Covid-19 testing or has tested positive; or
 - ✓ they have not been in contact with anyone who is quarantining or self-isolating; or
 - ✓ they have not been engaged as health care professionals actively working with Covid-19 patients
- ✓ Based on the declaration, a DCO will be assigned to the sample collection drive.
- ✓ DCOs, too, have been categorized in a "vulnerable" category
- ✓ In this regard, sample collectors above 60-year-old, with compromised immune system and pre-existing medical conditions such as diabetes, heart disease or respiratory conditions, will not be assigned any duty.
- ✓ All DCOs will be mandatory tested for Covid-19 by the Nada's senior scientific officer prior to sending them for sample collection.
- ✓ To begin with, Nada will only test the Olympics probables and sportspersons who are part of the Registered Testing Pool (RTP) and the Athlete Biological Passport (ABP) from high-risk sports
- ✓ It will also test athletes from whom there is intelligence and/or suspicious ABP profiles and/or Athlete Passport Management Unit (APMU) recommendations for testing
- ✓ At present, there are 110 Indian athletes part of the RTP and ABP.
- ✓ The track and field athletes and weightlifters will be tested at the NIS Patiala this month
- ✓ The men's and women's hockey teams stationed at SAI centre in Bengaluru will be tested later as it would require air travel.

TAMILNADU'S COVID-19 TREATMENT PROTOCOL – REPORT

TREATMENT PROTOCOL

GROUP 1 | Below 60, no comorbidity, mild or no symptoms

➤ Advised home isolation or sent to Covid care centre after Chest x-ray and blood tests



GROUP 2 | Below 60 and no comorbidity, but has high fever, fatigue, cough or chest congestion



➤ Hospital admission recommended

Tests | Chest x-ray, blood tests



Monitoring | Oxygen saturation once every four hours

➤ Patient asked to lie down on stomach to improve oxygenation and reduce need for ventilation

Medication | Anti-malarial drug hydroxychloroquine with or without azithromycin

GROUP 3 | Above 60 and no comorbidity, but has breathing difficulty

➤ Hospital admission recommended

Tests | Chest x-ray, blood tests

Monitoring | Oxygen saturation once every three hours



➤ Patient asked to lie down on stomach for improved oxygenation

Medication | Hydroxychloroquine with or without azithromycin

➤ Low dose heparin (blood thinner to prevent clots)

➤ Steroids such as Methylprednisolone

➤ Immune modulator Tocilizumab if condition worsens



TOP 5 STATES WITH HIGHEST INCIDENCE

Data as on June 5

	Total cases	Recovered	Total deaths	Rec %	Death %
Maharashtra	77,793	33,681	2,710	43	3.48
Tamil Nadu	27,256	14,901	220	55	0.81
Delhi	25,005	9,898	650	40	2.60
Gujarat	18,609	12,667	1,155	68	6.21
Rajasthan	9,862	7,104	213	72	2.16

STATES WITH LOWEST INCIDENCE

	Total cases	Recovered	Total deaths	Rec %	Death %
Kerala	1,588	690	15	43	0.94
Uttarakhand	1,153	297	10	26	0.87
Bihar	4,452	2,121	28	48	0.63
Odisha	2,478	1,481	7	60	0.28
Assam	1,988	413	4	21	0.20

OXYGEN SUPPORT | If levels drop below 95%

Step 1 | Patient given non-rebreather mask

Step 2 | High flow nasal cannula therapy in which air-oxygen blend can be administered via a nasal cannula to accurately deliver high volume of oxygen therapy



Step 3 | Continuous positive airway pressure (CPAP) which keeps airways continuously open in people who are able to breathe on their own but need help keeping their airway unobstructed

Step 4 (sparingly used) | Invasive ventilator that provides mechanical ventilation by moving breathable air in and out of lungs for a patient who is physically unable to breathe, or is breathing insufficiently

➤ Tamil Nadu - follows a uniform treatment protocol for Covid-19 at all hospitals, from triage to treatment

- ✓ These guidelines for clinical management were prepared by a 17-member expert committee and sent to all hospitals
- ✓ However, hospitals can tweak clinical management to suit the patient's requirement.
- ✓ The state protocols are periodically updated based on ICMR guidelines, international and local experiences.
- ✓ On June 5, the state's treatment protocol was presented before a Central team
- ✓ As a first step, the patients are triaged as mild, mild to moderate, and severe cases of the infection at emergency.
- ✓ Next, a simple treatment is started with drugs for management of symptoms, intense monitoring of oxygen level and providing supplementary oxygen
- ✓ For instance, the anti-malarial drug hydroxychloroquine has been a staple drug for almost all patients at government hospitals along with antibiotics such as azithromycin and steroids.
- ✓ Though Tamil Nadu has the most infections after Maharashtra, the state has kept its mortality rate low and recovery rate high.
- ✓ With more than 78,000 cases, Maharashtra has a mortality rate of 3.4% and a recovery rate of 43%
- ✓ In case of Tamil Nadu, the corresponding figures are 0.81% and 55%.
- ✓ Delhi, which has nearly 26,000 cases, has a recovery rate of 40% and death rate of 2.6%.
- ✓ Although Gujarat and Rajasthan have a recovery rate of 68% and 72% respectively, their death rate is 6.21% and 2.16%.

