

December - 25

## TNPSC BITS

- ❖ Finance Minister Nirmala Sitharaman said note in circulation (NiC) has witnessed an annual growth of 7.98 per cent to Rs 31.92 lakh crore as of December 2, 2022.
  - Compared with the pre-demonetisation period, it has increased by a massive 72 per cent (in value and 45 % increase in volume) from Rs 17 lakh crore on November 4, 2016.
- ❖ The International Olympic Committee (IOC) announced that Viacom18 Media Private Limited (Viacom18) has secured the exclusive media rights to broadcast the Olympic Games Paris 2024, plus non-exclusive rights to the Winter Youth Olympic Games Gangwon 2024, in Bangladesh, Bhutan, India, the Maldives, Nepal, Pakistan and Sri Lanka.
  - In 2024 Olympics will be hosted by France in Paris, beginning from July 26 to August 11.
- ❖ The infectiously popular song 'Naatu Naatu' from the hit Telugu film has been nominated for an Oscar in 2023.
  - As a result, Naatu Naatu has become the first Indian song to be nominated for an Oscar Academy Award.
- ❖ The former Supreme Court judge Hemant Gupta has been named head of the New Delhi International Arbitration Centre (NDIAC).
  - The NDIAC was formed to develop an independent and autonomous framework for institutionalized arbitration.

## NATIONAL

### First Infantry Museum



- ❖ The country's first Infantry Museum has been opened for the general public at Mhow, Indore, Madhya Pradesh.
- ❖ This museum is the first in the country and second in the world.
- ❖ Before this, such a museum has been built in America.
- ❖ The Infantry Museum covers the history of the Infantry from 1747 to 2020.

### Longest 'escape tunnel' – T49



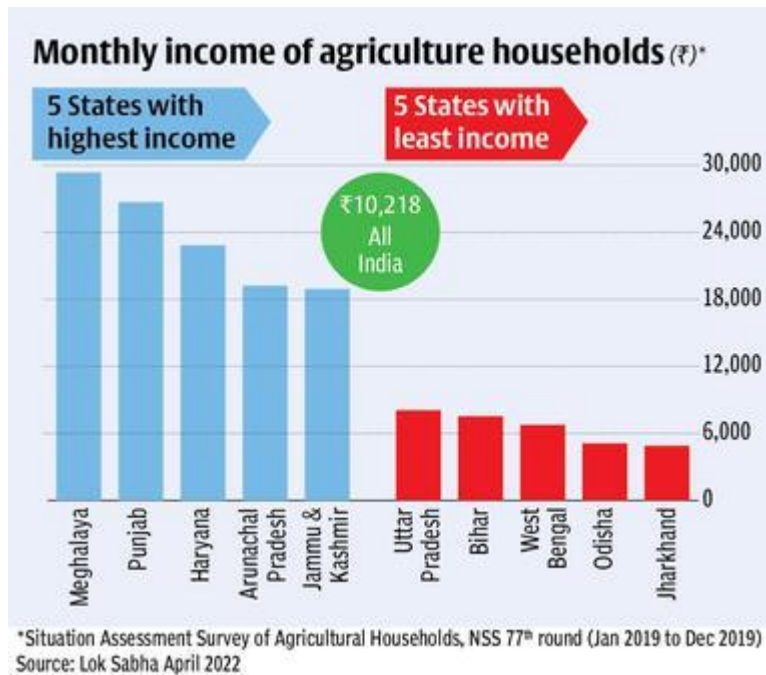
- ❖ India's longest escape tunnel, 12.89 km long, is constructed on Banihal-Katra railway line in Jammu and Kashmir.
- ❖ It was completed by the Indian Railways.
- ❖ It is part of the Udhampur-Srinagar-Baramulla Railway Line (USBRL) project.

## ECONOMY

### Income of Farmers

- ❖ The Situation Assessment Survey (SAS) of Agricultural Households in the rural areas of the country was conducted by National Statistical Office (NSO), Ministry of Statistics and Programme Implementation (MoSPI)
- ❖ It was during 77<sup>th</sup> round (January 2019- December 2019) with reference to the agricultural year July 2018- June 2019.
- ❖ Farm Income includes income from wages, income from leasing out of land, net receipt from crop production, net receipt from farming of animals and net receipt from non-farm business.

- ❖ Meghalaya tops across the country with average monthly income per agricultural household (Rs 29,348).
- ❖ Punjab ranks second in the country in average monthly income per agricultural household.
- ❖ The prominent crops produced in Punjab include rice, wheat, maize, bajra, sugarcane, oilseeds, and cotton, but rice and wheat alone constitute 80 per cent of the total gross cropped area.
- ❖ Tamil Nadu's income was 11,924 while All India average was 10,218.

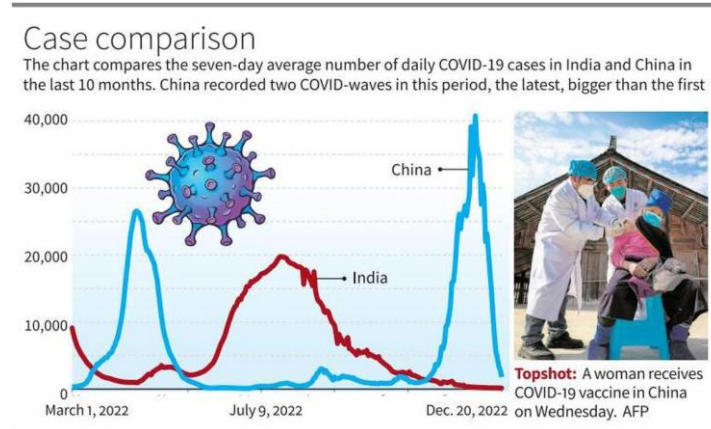


## SCIENCE AND TECHNOLOGY

### BF.7

- ❖ The New Covid Variant, BF.7 is the sub-variant of Omicron.
- ❖ The massive Covid rise in China is being caused by the BF.7 sub-variant of Omicron.
- ❖ In Gujarat and Odisha, the instances of BF.7 Covid Variant first came to light.
- ❖ The Omicron sub-lineage BA.5 and the BF.7 are identical.
- ❖ The BF.7 is also known as BA.5.2.1.7.
- ❖ The BF.7 sub-variant has a 4.4-fold higher neutralization resistance than the original D614G variant.

- ❖ This means that in a lab setting, antibodies from a vaccinated or infected individual were less likely to destroy BF.7 than the original Wuhan virus.
- ❖ Another Omicron sub-variant named BQ.1 had a more than 10-fold higher neutralization resistance than BF.7, which is not the most resilient sub-variant.



## STATES

### Kerala's New GI Tags

				
<b>Attappady Attukombu Avara</b>	<b>Attappady Thuvvara</b>	<b>Onattukara Ellu</b>	<b>Kanthalloor-Vattavada Veluthulli</b>	<b>Kodungalloor Pottuvellari</b>

- ❖ 5 Agricultural products from Kerala are given GI tags.
- ❖ These are Attappady Attukombu Avara, Attappady Thuvvara, Onattukara Ellu, Kanthalloor-Vattavada Veluthulli and Kodungalloor Pottuvellari.
- ❖ Karnataka and Tamil Nadu are states with the highest number of GI tags, followed by Kerala (35), Uttar Pradesh (34), and Maharashtra (31).

### Nupi Lal Day

- ❖ The 83rd Nupi Lal Day was observed across Manipur on 12th December.



- ❖ The day is observed to honour women who participated in the first and second Nupi Lal (Women's War) uprising against the British rulers in 1904 and 1939 respectively.

## Nupi Lal

December 12



Celebrating the courage of Manipuri women

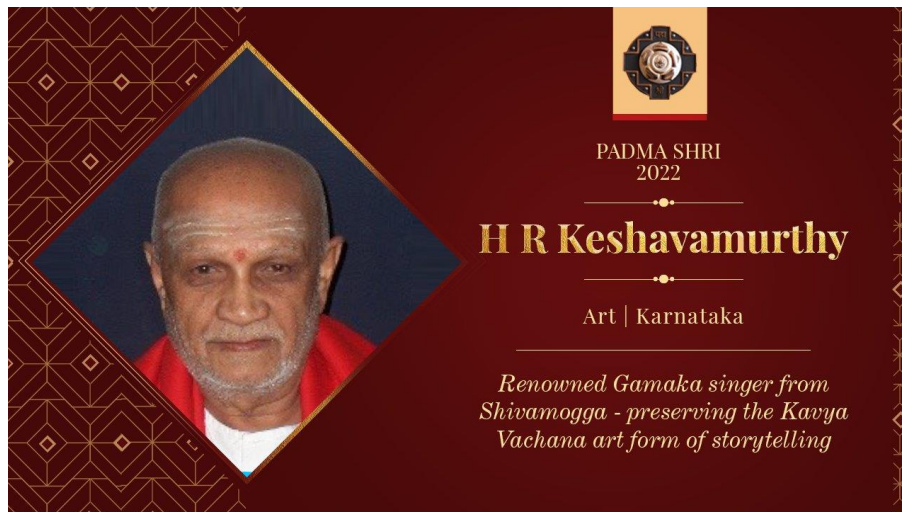
Register at :  
<https://manipur.mygov.in/>

@manipurmygov



## PERSONALITIES, AWARDS, AND EVENTS

### H.R Keshava Murthy



- ❖ H.R. Keshava Murthy, a senior gamaka exponent in Karnataka, passed away recently.
- ❖ Gamaka, also known as kaavya vaachana, is a form of storytelling by singing that originated in Karnataka.
- ❖ The singing itself is called gamaka and the singer a gamaki.

- ❖ The explanation of the rendering is called vyakyana.

## SPORTS

### IPL – decacorn

VALUE OF IPL ECOSYSTEM		
Years	INR '000 Crore	USD billion
2014	19.5	3.2
2015	21.3	3.5
2016	27.5	4.2
2017	34.4	5.3
2018	41.8	6.3
2019	47.5	6.8
2020	45.8	6.2
2022	87.0	10.9

2014 - 2020 Data - IPL Valuation Report - Kroll

- ❖ The Indian Premier League's (IPL) total valuation has surpassed \$10 billion USD.
- ❖ It has evolved into a decacorn.
- ❖ In less than 15 years since its beginning in 2008, the IPL has reached the milestone.
- ❖ The IPL, is the second-biggest sports league worldwide in terms of money made from broadcasting fees every game.
- ❖ In terms of revenue per game, only the National Football League (NFL) earns more than the IPL.

## IMPORTANT DAYS

### National Mathematics Day – December 22

- ❖ It is marked to recognise and celebrate the works of Srinivasa Ramanujan.
- ❖ He was born on this day in 1887 in Tamil Nadu's Erode.
- ❖ The day was announced by the then Prime Minister Manmohan Singh to mark the 125th anniversary of the birth of this mathematical genius in 2012.
- ❖ 2012 was also observed as National Mathematics Year.
- ❖ He had developed a liking for mathematics at a very young age, mastering trigonometry at 12.
- ❖ Ramanujan was elected to the London Mathematical Society in 1917.

- ❖ Next year, he was elected to the prestigious Royal Society for his research on Elliptic Functions and theory of numbers.
- ❖ He was also the first Indian to be elected a Fellow of the Trinity College.
- ❖ His areas of work include infinite series, continued fractions, number theory and mathematical analysis, despite not receiving any formal training in pure maths.
- ❖ He also made notable contributions like the hypergeometric series, the Riemann series, the elliptic integrals, the theory of divergent series, and the functional equations of the zeta function.
- ❖ His biography 'The Man Who Knew Infinity' by Robert Kanigel depicts his life and journey to fame.
- ❖ 1729 is called Ramanujan number.
- ❖ It is the smallest number expressible as the sum of two cubes in two different ways.
- ❖ Because of this incident, 1729 is now known as the Ramanujan-Hardy number.

