



June - 05

TNPSC BITS

- ❖ India batter Virat Kohli received his ICC ODI Player of the Year award 2023.
- ❖ Kerala includes AI learning in the Information & Communication Technology textbook of Class 7 textbooks.
- ❖ Moody's Ratings projected India's growth at 6.8 percent for the current year, followed by 6.5 percent in 2025.
- ❖ The International Federation of Pharmaceutical Manufacturers and Associations (IFPMA) has recently released titled From Resistance to Resilience: Reinforcing the Response to Antimicrobial Resistance.
- ❖ A 71-year-old man in China has become the first living person to receive a liver transplant from a genetically modified pig and the fifth person reported to have received a pig organ.
- ❖ OpenAI launched ChatGPT Edu, a new version of its AI chatbot, powered by GPT-4o.
 - It is built for universities to deploy AI to students, faculty, researchers, and campus operations.
- ❖ The Food Safety and Standards Authority of India (FSSAI) and the Agricultural and Processed Food Products Export Development Authority (APEDA) have jointly developed a "Unified India Organic" logo.
 - It will replace the India Organic and Jaivik Bharat logos.
- ❖ Sensex zoomed to a record high of 76,738 in the early deals in the equity market sparked by exit polls results (June 3rd).
 - Nifty too hit an all-time high of 23,338.
- ❖ Each year on May 30, Hindi Journalism Day is observed to commemorate the publish of Udant Martand, India's first Hindi newspaper by Pt. Jugal Kishor Shukla in 1986.
- ❖ The World Vape Day is to be observed on May 30 all over the world.
 - It aims to increase awareness on e-cigarettes and help smokers that are unable to quit smoking.

TAMIL NADU

Transgender candidates' reservation

- ❖ The Madras High Court has struck down a Government Order (GO) issued on April 6, 2015 regarding transgender reservation.

- ❖ It was providing vertical reservation to transgender persons in education and public employment by considering them under the Most Backward Classes (MBC) category.
- ❖ The government came up with another GO on December 22, 2017, clarifying that those who possessed SC/ST certificates would be considered under the respective caste categories.
- ❖ The 2017 GO said that only those transgender persons who did not possess SC/ST certificates would be considered under the MBC category.
- ❖ The court held that the order was manifestly arbitrary and violative of Articles 14,15,16,19 and 21 of the Constitution.
- ❖ It has directed the State government to provide horizontal reservation to the transgender community, across all caste groups.
- ❖ Karnataka had implemented the apex court's verdict by providing 1% horizontal reservation to transgender persons across all caste groups.



INTERNATIONAL

77th World Health Assembly

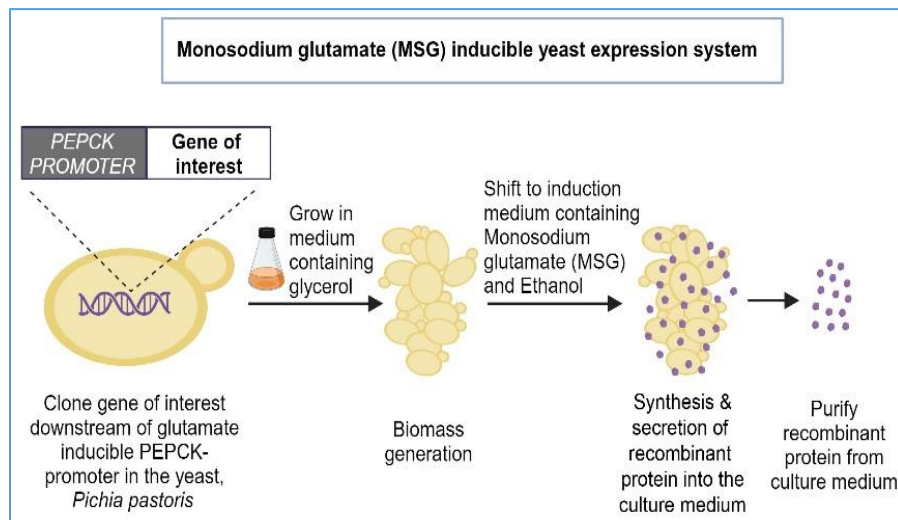
- ❖ The 77th World Health Assembly by World Health Organization (WHO) was held in Geneva, Switzerland.
- ❖ It approved a draft resolution on improving organ transplantation availability, including human cells and tissues.
- ❖ The resolution tasked countries with developing a global strategy to be presented for adoption in 2026.

- ❖ It has also encouraged the establishment of a World Donor Day to raise public awareness and donations.
- ❖ Organ donation increased to 16,041 in 2022 from 4,990 in 2013.



SCIENCE AND TECHNOLOGY

Mass production of recombinant proteins

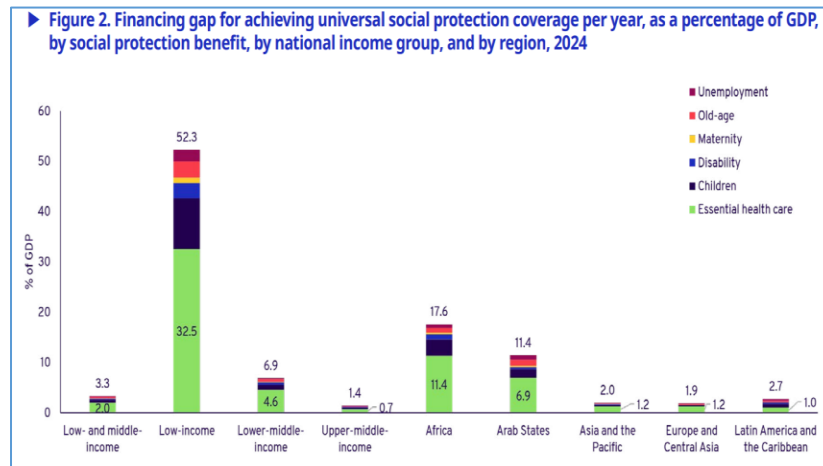


- ❖ Indian Institute of Science have developed a novel method for the production of recombinant proteins.
- ❖ This new alternative is a safer process on a common food additive called monosodium glutamate (MSG).
- ❖ Recombinant proteins, such as vaccine antigens, insulin and monoclonal antibodies, are mass-produced by growing modified bacterial, viral or mammalian cells in large bioreactors.

- ❖ The most widely used organism is the yeast *Pichia pastoris* (now called *Komagataella phaffii*).

REPORTS AND INDICES

ILO's Financing gap for universal social protection



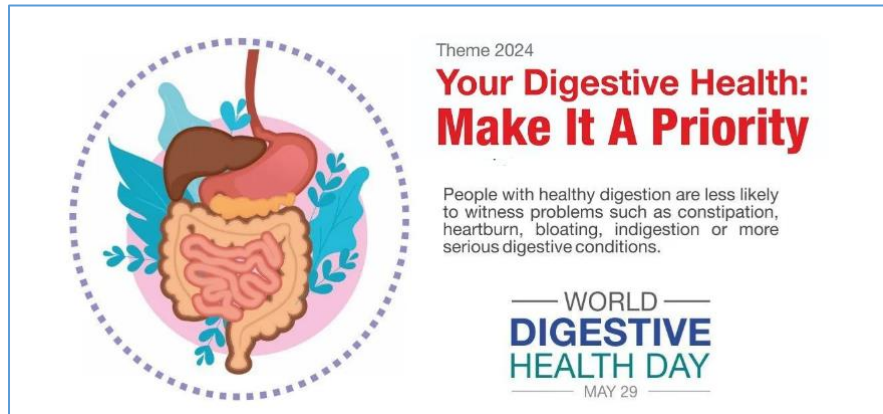
- ❖ An additional 1.4 trillion USD is needed to achieve universal social protection across low- and middle-income countries.
- ❖ All low- and middle-income countries have a financing gap of 3.3 percent of GDP.
- ❖ But to low-income countries, this goes up to 52.3 percent of their GDP.
- ❖ Regionally, Africa is facing the biggest challenge in achieving universal coverage, with a financing gap of 17.6 percent of regional GDP per year.
- ❖ This is followed by low- and middle-income countries in the Arab states with a financing gap of 11.4 percent of regional GDP and Latin American and the Caribbean with a gap of 2.7 percent.
- ❖ According to ILO statistics, today, 4.1 billion people worldwide still lack social protection.
- ❖ Only 29% of the world's population has adequate social security coverage and 55% lacks any coverage at all.

IMPORTANT DAYS

World Digestive health day 2024 - May 29

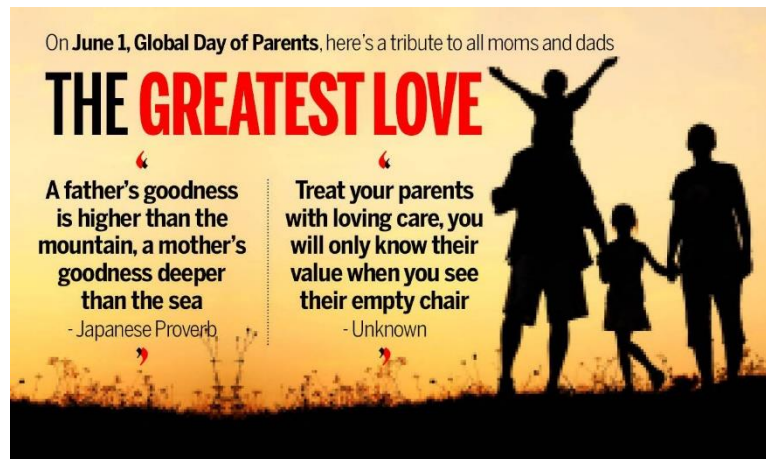
- ❖ It aims to raise awareness and promote prevention of digestive issues.
- ❖ It was first launched by the World Gastroenterology Organisation (WGO) in 2005.

- ❖ This year's theme is "Your Digestive Health: Make It a Priority".



Global Parents Day 2024 - June 01

- ❖ It is observed to commemorate the vital role that parents play in their children's lives.
- ❖ It also promotes the overall well-being of society.
- ❖ In 2012, the United Nations General Assembly (UNGA) declared this day.
- ❖ This year's theme is "The Promise of Playful Parenting".



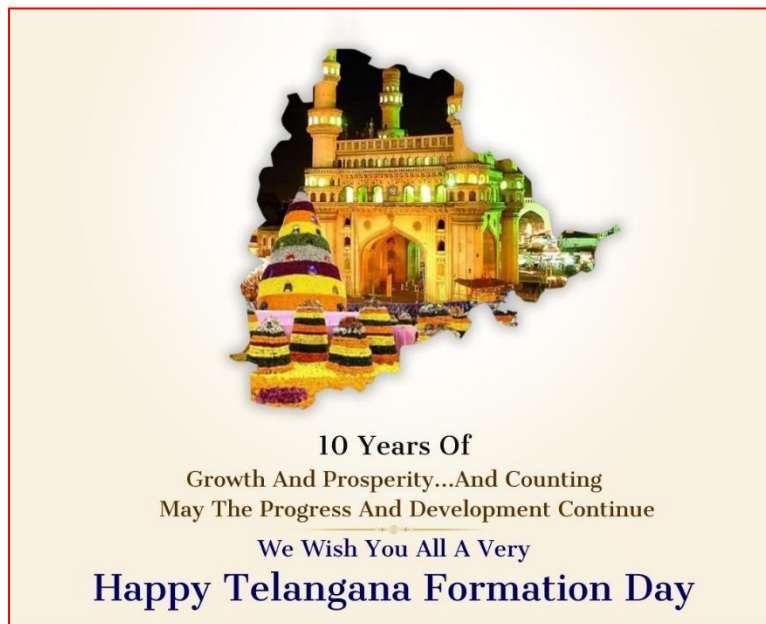
International Sex Workers Day 2024 - June 02

- ❖ It aims to raise awareness about the health and working conditions faced by the sex workers of the world.
- ❖ In 1975, on June 2, around 100 sex workers gathered at Saint-Nizier Church in Lyon, France to protest against their exploiting working and living conditions.

- ❖ They are among the most vulnerable social groups in the world, and they often find themselves subjected to exploitation, physical and emotional exploitation, human rights violations, and social stigma from society.



Telangana Formation Day 2024 - June 02



- ❖ This India's youngest state was carved out of Andhra Pradesh.
- ❖ On January 26, 1951, when India became a republic, Hyderabad was accorded the status of a Part-B state.

- ❖ The States Reorganisation Act was passed in 1956, merging Andhra State and Telangana into a single state called Andhra Pradesh.
- ❖ Under the UPA government, the Andhra Pradesh Reorganisation Act of 2014 was passed for a separate Telangana state.
- ❖ Telangana officially became the 28 state of India on June 2, 2014.

MISCELLANEOUS

Non-Geographic Speciation Mechanisms

- ❖ Researchers at IIT Bombay discover the role of environmental resources, genes and mating in species in the development of new species in the same area.
- ❖ It was challenging the traditional view that new species can develop only in distinct geographies.
- ❖ They found that the speciation, or the creation of new species, happen even when there are no physical obstacles.
- ❖ Allopatric speciation is when physical barriers, like mountains or bodies of water, split populations, which leads to the creation of new species.
- ❖ In contrast, sympatric speciation happens in the same area of land, where there are no such hurdles.

