

**September - 15**

## **TNPSC BITS**

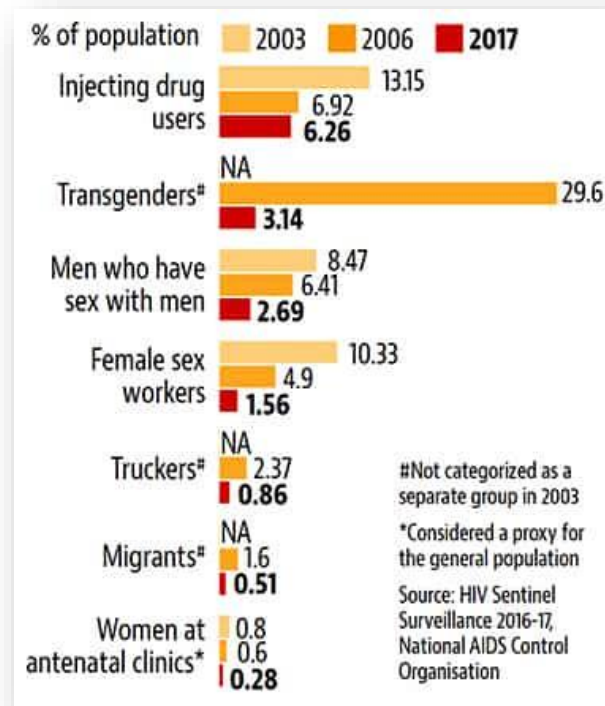
- ❖ Institute of Nuclear Medicine and Allied Sciences (INMAS) developed India's first indigenous medical kit that ensures protection from serious injuries and faster healing of wounds resulting from nuclear warfare or radioactive leakage.
- ❖ India's Udhayveer Singh has won an individual Gold Medal in Junior Men's 25-metre pistol event in the ISSF World Shooting Championships in South Korea.
- ❖ 102-year-old Indian Athlete Man Kaur has clinched her second successive gold medal in the 200-meter race at the World Masters Athletics Championship in Malaga, Spain.
  - She has earlier won over 20 medals at the World Master Games.
- ❖ Rajasthan Sahitya Akademi has announced this year's Meera puraskar to the story writer Sawai Singh Shekhawat of Jaipur for his contribution to Hindi literature
- ❖ G-20 Trade and Investment Ministerial Meeting held in Mar del Plata in Argentina. The meeting will provide an opportunity for a dialogue on current developments in international trade and its implications for the global economy.
- ❖ India's industrial production grew at 6.6% in July as per the Index of Industrial Production, which is released by Central Statistics Office (CSO).
- ❖ Union Cabinet of India has approved a Memorandum of Understanding (MoU) on the collaborative research of distributed ledger technology (DLT). It's a cooperative initiative under the BRICS Interbank Cooperation Mechanism.
- ❖ Hyderabad's Rajiv Gandhi International airport received the Airports Council International Airport Service Quality World no.1 airport award trophy in the 5-15 Million Passengers Per Annum (MPPA) category for the second consecutive year.
- ❖ Rajasthan Forest Minister inaugurated the state's first lion safari at Nahargarh Biological Park. This park is located on the Delhi-Jaipur National Highway in the Aravalli foothills.
- ❖ Prime Minister of India launched the 15 days long mega countrywide 'Swachhata hi Seva Campaign 2018'.
- ❖ Union cabinet approved the complete electrification of Indian Railways in the next four years to reducing dependence on imported fossil fuel and saving revenue for the national carrier.

- ❖ American Aerospace company Space X, announced a new plan to launch a tourist around the Moon using its Big Falcon Rocket (BFR), a massive launch vehicle that is being designed to carry people into deep space.
- ❖ Tropical storm Florence, which came ashore as a hurricane has created a major inland flood and landslide threats at the east coast of United States.
- ❖ India leads the way as the world's hardest working country as per culture study survey by US-based multi-national workforce management firm Kronos Incorporated.
  - Mexico was the 2nd-highest followed by the US & United Kingdom, France and Australia were the least.

## NATIONAL

### HIV Estimations report 2017

- ❖ National AIDS Control Organisation (NACO) released the HIV Estimations report 2017.



- ❖ This HIV Estimations 2017 is the 14th round in the series of HIV Estimations under National AIDS Control Programme (NACP).
- ❖ NACO undertakes HIV estimations biennially in collaboration with the Indian Council of Medical Research (ICMR) - National Institute of Medical Statistics (NIMS).
- ❖ The first round of HIV estimation in India was done in 1998.
- ❖ The objective of the HIV estimations is to provide updated information on the status of the HIV epidemic in India at the national and State/Union Territory level.

### **Chiller Star Labelling Program**

- ❖ Ministry of Power launched Chiller Star Labelling Program to encourage the deployment of Energy Efficient chiller systems in the country.
- ❖ It has been formulated by the Bureau of Energy Efficiency (BEE).
- ❖ This key program was launched occasion of 24<sup>th</sup> World Ozone Day and the 31st Anniversary of Montreal Protocol, which will be observed on 16th September 2018.
- ❖ BEE has developed an online registration platform for easy and expeditious approval under this initiative. The manufacturers will be able to register online for availing appropriate star rating of chiller equipment.
- ❖ Through this Program, it is estimated that more than 500 million units of electricity would be saved in 2019 along with Green House Gases (GHG) reduction of 0.5 million-ton equivalent of CO<sub>2</sub>.

## **SCIENCE AND TECHNOLOGY**

### **India's first commercial underwater drone- EyeROV TUNA**

- ❖ Kochi-based start-up IROV Technologies Pvt Ltd (EyeROV) has launched commercial underwater drones.
- ❖ IROV handed over the first vehicle to the Naval Physical and Oceanographic Laboratory (NPOL) of DRDO.
- ❖ EyeROV TUNA is a smart micro-ROV (Remotely Operated Vehicle) or underwater drone, at par with global standards, and with operational capabilities in harsh and mission-critical underwater environment.

## EyeROV

India's First  
Commercial ROV



- ❖ This product is equipped to perform a variety of functions, including inspection of ship hulls, fish farms, dams, port structure, and bridge foundations.

## STATES

### e-Plant clinics

- ❖ Jammu and Kashmir Agriculture Minister launched e-plant clinics, a workshop organized by Department of Agriculture in collaboration with Centre for Agriculture and Biosciences International (CABI).
- ❖ In this clinic, trained plant doctors will work to diagnose various plant diseases and upload the data on Plant-wise Online Management System (POMS). It can be assessed by worldwide experts.

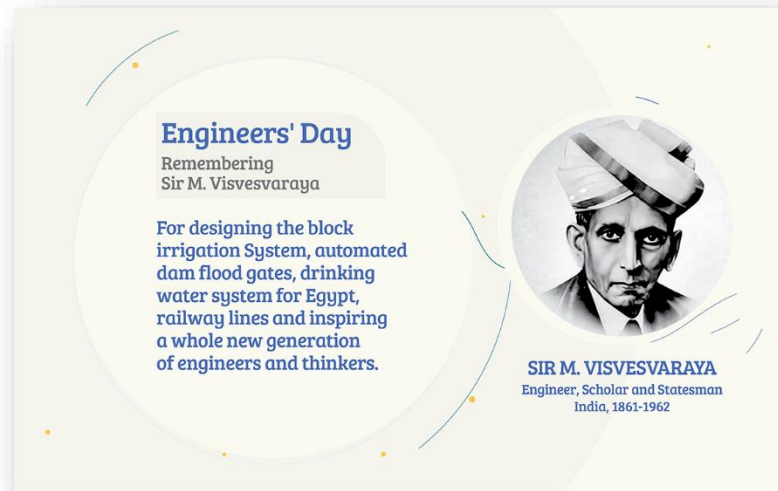
## IMPORTANT DAYS

### International Day of Democracy- September 15

- ❖ International Day of Democracy is observed annually on 15th September to raise public awareness about democracy.
- ❖ The theme for this year's observance is "Democracy under Strain: Solutions for a Changing World."
- ❖ It is designated by the United Nations General Assembly in 2007 and the day of Democracy was first celebrated in 2008.

## Indian Engineer's Day - September 15

- ❖ India is celebrating Engineer's Day on September 15 as a mark of remembrance and tribute to the greatest Indian engineer Mokshagundam Visvesvaraya.



- ❖ The theme of Engineers Day in India 2018 is "Digital Transformation: A New Industrial Revolution".
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