

September - 25

TNPSC BITS

- ❖ Indian wrestler Antim Panghal secured a bronze medal in the women's 53 kg category at the ongoing World Championships in Belgrade, Serbia.

NATIONAL

Women's reservation Bill

- ❖ The Rajya Sabha on September 21 unanimously passed the Bill proposing to reserve one-third of all seats for women.
- ❖ This will be applicable to the Lok Sabha, the state legislatures, and the Delhi legislative assembly.
- ❖ The bill was passed by the Lok Sabha on September 20.
- ❖ This is the first bill to have been passed in the new Parliament building.



Mission Intensified Indra Dhanush 5.0

- ❖ The second phase of Intensified Mission Indradhanush (IMI) 5.0 campaign was concluded recently.
- ❖ It is an immunisation campaign targeting partially vaccinated and unvaccinated children up to the age of five years and pregnant women.
- ❖ All vaccines under the Universal Immunisation Programme (UIP) were provided.
- ❖ IMI 5.0 is being held in three phases across the country.

- ❖ The third phase will now be held in October.



MISSION INDRADHANUSH 5.0

Be Wise!
Get your child fully immunized

'Intensified Mission Indradhanush 5.0'
Ensuring every missed vaccination dose is taken

Phases

- 7th – 12th August 2023
- 11th – 16th September 2023
- 9th – 14th October 2023

The poster features a family of four (father, mother, and two children) smiling. The mother is holding a child who is holding a vaccine card. The background is pink with a subtle pattern.

Swachhata Pakhwada - 2023



SWACHHTA PAKHWADA
JULY 1 - 15, 2023

The poster features a central illustration of a green globe with a plant growing from the bottom, symbolizing environmental health. Below the globe are icons representing various activities: a person using a toilet, a person cleaning a street, a person at a school, a person cleaning a street, and a person using a trash bin.

स्वच्छ भारत स्वस्थ भारत समृद्ध भारत
CLEAN INDIA HEALTHY INDIA PROSPEROUS INDIA

- ❖ The Ministry of Railways has launched Swachhata Pakhwada 2023 initiative.
- ❖ The Swachhata Pakhwada 2023 is observed from September 16th to 30th.
- ❖ This initiative is aimed at promoting cleanliness and the environmental consciousness.

- ❖ Swachhata Pakhwada – 2022 awards are given to best performing three Zonal Railways.
 - 1st Position: South Western Railway;
 - 2nd Position: Western Railway;
 - 3rd Position: North Eastern Railway.

Transnational Grid Interconnections



- ❖ A conference on "Transnational Grid Interconnections for One Sun, One World, One Grid (OSOWOG)" was recently held in New Delhi.
- ❖ The initiative aims at connecting energy supply across borders.
- ❖ It aims to connect different regional grids through a common grid that will be used to transfer renewable energy power.
- ❖ The project is being spearheaded by the governments of India and the UK in partnership with the International Solar Alliance and the World Bank Group.
- ❖ Once it became operational, it will transport solar power to different countries.

SCIENCE AND TECHNOLOGY

'Vibhav' Anti-Tank Mines

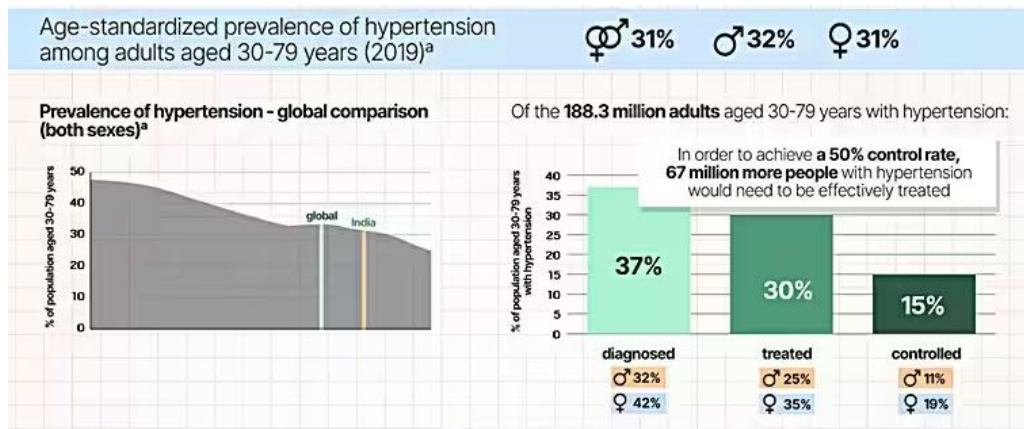
- ❖ Six hundred indigenously-manufactured self-neutralising anti-tank mines, known as "Vibhav" have been inducted into the Army.

- ❖ They aim to provide mobility kill against all enemy armoured vehicles.
- ❖ Since, they have mechanical timers, after 120 days, it will be self-neutralised.
- ❖ This provision was not available in the earlier mines.



REPORTS AND INDICES

Global report on hypertension



- ❖ The World Health Organisation (WHO) has released a report on the devastating impact of high blood pressure.
- ❖ The report is titled 'Global report on hypertension: The race against a silent killer'.
- ❖ 188.3 million people in the same age group are suffering from hypertension.
- ❖ Only 37 per cent of Indians are diagnosed with the condition in time, and 30 per cent of them get treatment.
- ❖ 76 million deaths could be averted by 2050 if countries can scale up the coverage.



- ❖ In India, at least 40 million deaths can be prevented by 2040 if nearly half of those in the 30-79 age group with hypertension are able to control their blood pressure.
- ❖ In order to achieve a 50 per cent control rate, 67 million more people with hypertension would need to be effectively treated.
- ❖ The WHO report is based on the analysis of the data where blood pressure is 140/90 mmHg or higher.
- ❖ Hypertension leads to stroke, heart attacks, heart failure, kidney damage and numerous other health problems.

TIME World's Best Companies of 2023



- ❖ Infosys is the only Indian firm in the top 100 of TIME Magazine's list of World's Best Companies of 2023.
- ❖ This IT services company is ranked at the 64th spot out of 750 global companies.
- ❖ Microsoft, Apple, Alphabet (Google) and Meta Platforms (Facebook) are the top 4 firms in the list.

- ❖ Wipro was on 174th rank in the list while Anand Mahindra-led Mahindra Group was on 210th rank.
- ❖ Reliance Industries was at 248th rank, HCL Technologies at 262nd rank, HDFC Bank at 418th rank, WNS Global Services at 596th rank, and finally ITC at 672nd rank.

STATES

Nuakhai Juhar – Odisha

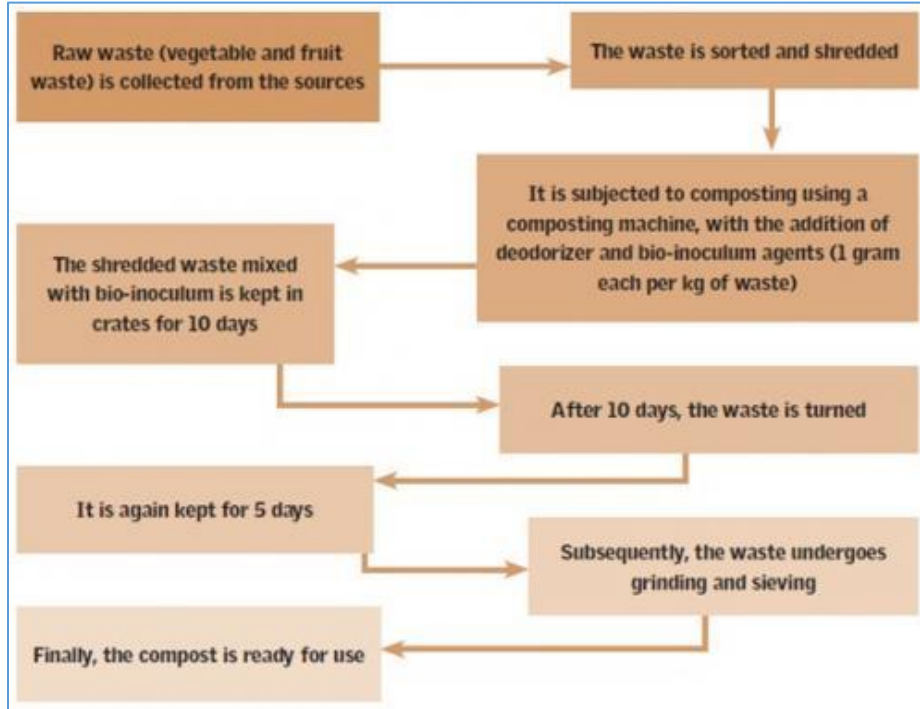
- ❖ Nuakhai is an annual harvest celebration in the state, marking the arrival of the new rice season.
- ❖ This day is determined by the lunar calendar, the day falls on the ‘Panchami tithi’ (the fifth day) of the lunar fortnight.
- ❖ The word ‘nua’ means new and ‘khai’ means food.



Agra - Decentralized garbage processing System

- ❖ Agra has initiated decentralized garbage processing plants to manage organic waste from bulk waste generators.
- ❖ This model can drastically reduce the transportation cost incurred by the municipal government.

- ❖ Agra generates a daily municipal solid waste of 916 tonnes per day (TPD) with a per capita waste generation rate of 0.48 kg.
- ❖ Compost derived from flower waste has been made available on e-commerce sites Jio-mart and Amazon.



IMPORTANT DAYS

World Day of the Deaf 2023 - September 24



- ❖ World Deaf Day is celebrated every year on the last Sunday of September.
- ❖ The World Federation of the Deaf initiated the World Deaf Day in the year of 1958.

- ❖ The first World Conference of the World Federation of the Deaf took place in Rome, Italy in 1951.
- ❖ Theme for 2023 is "Ear and Hearing Care for All".

MISCELLANEOUS

Project Abhinandan


- ❖ The Tata Group-owned Air India has launched 'Project Abhinandan' in a bid to elevate the on-ground experience of travellers.
- ❖ The initiative aims to provide a personalised and hassle-free airport experience to Air India ticket-holders across 16 major Indian airports.
- ❖ Air India has deployed a team of specially trained service assurance officers (SAOs) who will be stationed at strategic touch points inside airports.



Scrub Typhus infections

- ❖ At least five people died in recent weeks in Odisha's Bargarh district due to scrub typhus infection.
- ❖ This acute infectious disease was caused by the parasite *Orientia tsutsugamushi*.
- ❖ Scrub typhus spreads through bites of infected chiggers (larval mites).
- ❖ It is a vector-borne disease and is usually reported in the rainy season during November-July.

- ❖ The common symptoms of the disease include fever, headache, body ache and a black, inflamed mark on the skin.
- ❖ Scrub typhus is predominantly found in Southeast Asia, its associated archipelagoes, northern Australia, and Japan.
- ❖ It was first described in 1899 and extensively studied from 1906 to 1932.



CAUSES, SYMPTOMS AND TREATMENT

<p>Infection caused by bacteria named <i>Orientia tsutsugamushi</i></p> <p>Bacteria enters human body through the bites of larval mites</p> <p>INCUBATION PERIOD: 6-20 days</p>	<p>SYMPTOMS: High-grade fever, chills and rigorous, severe myalgia and body ache and intense headache; throat pain and dry cough; chest pain and breathlessness</p> <p>DIAGNOSTIC FINDINGS Eschars (less than 1cm in diameter) in concealed and moist areas of the body (groins, armpits)</p>	<p>Scrub antibody test: IgM Elisa</p> <p>Prevention: Protective clothing and use of insect repellents</p>
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