

June – 08

TNPSC BITS

- ❖ Indian Railways have been awarded by the UIC International Sustainable Railway Awards (ISRA) in the category of “Best use of Zero-Carbon Technology” at Berlin, Germany.
 - It was given for feeding Solar Energy directly to 25 KV AC Traction System.

TAMIL NADU

Unique use of Plastic Bottles

- ❖ Arignar Anna Zoological Park introduces a new initiative on World Environment Day.
- ❖ It introduced a new method to keep a check on the littering of plastic bottles and pollution inside the park.
- ❖ On the occasion of World Environment Day, the traditional cloth bags called “Manchappai,” which means ‘yellow bags,’ were distributed.
- ❖ The zoo has started charging ₹10 for each plastic water bottle from the visitors.
- ❖ The visitors have to return the emptied bottle to the seller in the zoo and they’ll get refunds.
- ❖ Arignar Anna Zoological Park is also known as Vandalur Zoo.
- ❖ It is the first public zoo in India which was established in the year 1855.

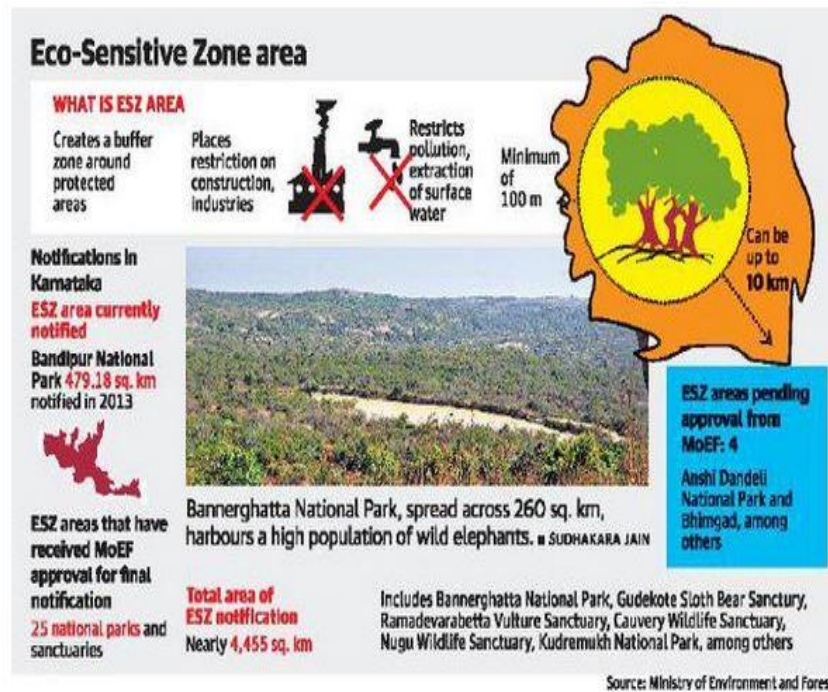
Luxury Cruise Empress



- ❖ Tamil Nadu Chief Minister MK Stalin flagged off the luxury cruise liner “Empress” from Chennai port.
- ❖ This is considered the first luxury cruise liner to be operated from the state.
- ❖ It is also to anchor at Puducherry and Visakhapatnam harbours.

NATIONAL

Supreme Court on Eco Sensitive Zones (ESZ)



Eco-Sensitive Zone area

WHAT IS ESZ AREA

Creates a buffer zone around protected areas

Places restriction on construction, industries

Restricts pollution, extraction of surface water

Minimum of 100 m

Can be up to 10 km

Notifications in Karnataka

ESZ area currently notified

Bandipur National Park 479.18 sq. km notified in 2013

ESZ areas that have received MoEF approval for final notification

25 national parks and sanctuaries

Total area of ESZ notification

Nearly 4,455 sq. km

ESZ areas pending approval from MoEF: 4

Anshi Dandeli National Park and Shimoga, among others

Bannerghatta National Park, spread across 260 sq. km, harbours a high population of wild elephants. ■ SUDHAKARA JAIN

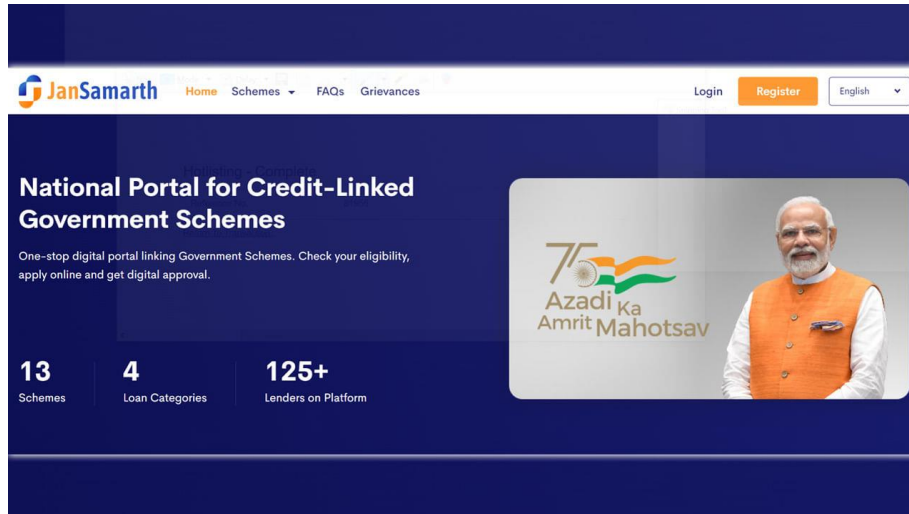
Includes Bannerghatta National Park, Gudekote Sloth Bear Sanctuary, Ramadevarabetta Vulture Sanctuary, Cauvery Wildlife Sanctuary, Nugu Wildlife Sanctuary, Kudremukh National Park, among others

Source: Ministry of Environment and Forests

- ❖ The Supreme Court has directed that every protected forest, national park and wildlife sanctuary across the country should have a mandatory ESZ of a minimum one km starting from their demarcated boundaries.
- ❖ It is to create some kind of a “shock absorber” for the protected areas.
- ❖ These zones would act as a transition zone from areas of high protection to those involving lesser protection.
- ❖ The Centre had come out with February 2011 guidelines on ESZ.
- ❖ It had prescribed a 10-kilometre boundary based on responses received from states and UTs.
- ❖ The Environment (Protection) Act, 1986 does not mention the word “Eco-Sensitive Zones”.

- ❖ An ESZ could go up to 10 kilometres around a protected area as provided in the Wildlife Conservation Strategy, 2002.

Jan Samarth Portal



- ❖ Prime Minister launched a “national portal for credit-linked government schemes”.
- ❖ It was launched during the ‘Iconic Week Celebrations’ of Ministry of Finance and Ministry of Corporate Affairs at Vigyan Bhawan in New Delhi.
- ❖ The week, starting from June 6 to June 11, is being celebrated as part of ‘Azadi Ka Amrit Mahotsav’.
- ❖ Jan Samarth Portal is a one-stop digital portal, that links the government credit schemes.
- ❖ It is first of its kind platform, connecting beneficiaries directly to the lenders.

New Coins



- ❖ Prime Minister Narendra Modi also released special series of Rs 1, Rs 2, Rs 5, Rs 10 and Rs 20 coins.
- ❖ These special series of coins have the theme of logo of Azadi ka Amrit Mahotsav.
- ❖ These coins can easily be identified by visually impaired persons.

mRube



An e market for natural rubber

- ❖ It is the electronic trading platform promoted by Rubber Board.
- ❖ The Rubber Board is a statutory body under the Rubber Act 1947.
- ❖ It functions under the ministry of commerce and Industry.
- ❖ Its head Office is in Kottayam, Kerala.

INTERNATIONAL

3rd Crewed Mission of Mission

SHENZHOU 14

MISSION OPERATOR: CNSA / CMSA

MISSION TYPE: CSS Crew Transport

LAUNCH WINDOW: JUNE 05 02:44Z UTC 2022 JUNE 04 22:44 EDT (INSTANTANEOUS WINDOW)

CREW PROFILE:

- Chen Dong:** Position: Crew Commander, Previous Mission: Shenzhou 11
- Liu Yang:** Position: Mission Operator 1, Previous Mission: Shenzhou 9
- Cai Xuzhe:** Position: Mission Operator 2, Debut Spaceflight

LAUNCH SPACEPORT: LC-43/91 (SLS-1), Jiuquan Satellite Launch Center, China

DOCKING PORT: Tianhe Nadir, Tiangong Space Station (TSS/CSS) - LEO, 390km-396km, Inclination 41.46°

LAUNCH VEHICLE: LONG MARCH 2F/G, ChangZheng-2F/G Y14, Height 62 m, Width 7.8 m, LV mass 497 tons

SPACECRAFT: Shenzhou 14 (9th crewed flight of Shenzhou), Spacecraft Mass: ~8,800 kg

ORBITAL MODULE	VOLUME 8.00 M ³
SERVICE MODULE	ENGINE THRUST 10.0 kN
REENTRY MODULE	VOLUME 6.00 M ³

RECOVERY/RETURN: LAUNCH VEHICLE IS EXPENDABLE, SHENZHOU 14: PARACHUTE TOUCHDOWN

- ❖ China successfully launched the 3rd Crewed Mission to its New Space Station.
- ❖ The Chinese Astronauts were lifted off on Shenzhou-14 spacecraft.
- ❖ It was launched by a Long March 2F rocket from Jiuquan Satellite Launch Centre, located in Gobi Desert of Inner Mongolia.
- ❖ They will live and work at Tianhe core module of Tiangong Space Station.

ENVIRONMENT

World's first fishing cat survey



- ❖ World's first fishing cat survey took place at the Chilika Lake in Odisha.
- ❖ It has provided the world's first population estimation of the fishing cat.
- ❖ This lake has 176 fishing cats.
- ❖ The Chilika Lake is the Asia's largest brackish water lagoon in Odisha.
- ❖ Fishing Cats were declared the State animal by West Bengal in 2012.
- ❖ The Chilika authorities announced in 2020 that the fishing cat was the lake's ambassador.
- ❖ The fishing cats are endangered worldwide.
- ❖ Within their range of countries, they are classed as Vulnerable on the International Union for Conservation of Nature (IUCN) Red List of Threatened Species.
- ❖ Fishing Cat is a schedule I species under the Wildlife Protection Act of 1972.

SPORTS

French Open Tournament 2022

- ❖ Rafael Nadal of Spain won the 14th French Open at Paris, France.
- ❖ He beat Casper Ruud of Norway.

- ❖ With this win, his record extended to 22nd Grand Slam title.
- ❖ It includes a record of 14 French Open titles.
- ❖ He became the oldest male champion at Roland Garros, France.
- ❖ French Open is the only clay court tennis championship.

Title	Winner	Runner up
Men's Singles	Rafael Nadal (Spain)	Casper Ruud (Norwegian)
Women's Singles	Iga Świątek (Poland)	Coco Gauff (US)
Men's doubles	Marcelo Arévalo (El Salvador), Jean-Julien Rojer (Netherlands)	Ivan Dodig (Croatian), Austin Krajicek (US)
Women's doubles	Caroline Garcia (French), Kristina Mladenovic (French)	Jessica Pegula (US), Coco Gauff (US)
Mixed doubles	Ena Shibahara (JAPAN), Wesley Koolhof (Netherlands)	Joran Vliegen (Belgium), Ulrikke Eikeri (Norway)

IMPORTANT DAYS

World Environment Day (WED) – June 05



- ❖ It is led by the United Nations Environment Programme (UNEP).
- ❖ The year 2022 marks the 50th WED.
- ❖ Sweden is the host this year and the theme is ‘Only One Earth’.
- ❖ Only One Earth was the motto for the 1972 Stockholm Conference.
- ❖ The United Nations Conference on Human Environment or the Stockholm conference was held in 1972.
- ❖ It was the first world conference with environment as the major agenda.
- ❖ It declared “right to live in a healthy environment” as “basic human right”.



- ❖ With this, the idea of World Environment Day was formalized.
- ❖ This conference also led to the creation of United Nations Environment Programme established by Maurice Strong.

International Day for the Fight against Illegal, Unreported and Unregulated Fishing – June 05



- ❖ In December 2017 the UN General Assembly in its annual resolution on sustainable fisheries proclaimed this day.
- ❖ Target 4 of Goal 14 of the Sustainable Development Agenda was adopted in 2015 by the UN General Assembly.

UN Russian Language Day – June 06



- ❖ It was established by the UNESCO in 2010.
- ❖ It coincides with the birthday of Alexander Pushkin, a Russian poet.
- ❖ He is considered the father of modern Russian language.

- ❖ It is one of the six official languages used by the United Nations.
- ❖ They are English, Arabic, Spanish, Chinese, Russian and French.

World Food Safety Day – June 07

- ❖ It was set aside by the United Nations in 2018 to raise awareness of food safety.
- ❖ This year, the theme is, “Safer Food, Better Health”.
- ❖ The World Health Organization (WHO) and the Food and Agriculture Organization of the United Nations (FAO) jointly facilitate the observance of this day.

