Prelim Bits 04-10-2017

Turtle Sanctuary

\n\n

\n
- Ministry of Water resources has approved setting up of a Turtle sanctuary in Allahabad under Namami Gange Programme.
\n
- The Project envisioned the development of River Biodiversity Park along with Turtle rearing centre.
\n
- The Biodiversity Park will be located at confluence of Ganga, Yamuna and Mythical Saraswati, popularly known as Sangam.
\n
- Rivers Ganga and Yamuna at Allahabad are home to some of the most endangered fauna like turtles, Gangetic dolphin, Gharial and other migratory birds.
\n

\n\n

India Economic Summit

\n\n

\n
- 33rd India Economic Summit is organised by World Economic Forum in partnership with Industry body Confederation of Indian Industry.
\n
- The summit will host leaders from 35 countries, discussing issues such as climate change, infrastructure, gender parity, tourism, education and skills.
\n
- The recent economic reforms, including demonetization and the goods and services tax, will be prominently featured in the programme.
\n

\n\n

INS Chakra

\n\n

\n
- INS Chakra belongs to Akula-class nuclear powered Submarine.
\n
- It was taken from Russia on a 10 year lease period.
\n
- Originally named as K-152 Nerpa, it was handed over to the Indian Navy in 2011.
\n
- Though it is a nuclear powered submarine, it carries only conventional weapons and not nuclear tipped missiles.
\n
- It is based at INS Virbahu, the submarine base in Visakhapatnam.
\n
- It is the second nuclear submarine after the indigenously built INS Arihant.
\n
- INS Arihant is capable of launching nuclear-tipped submarine ballistic missiles.
\n

\n\n

Khanderi

\n\n

\n
- It is the second Scorpene Submarine built under the Project-75, following INS Kalvari.
\n
- It was named after an island fort of Maratha ruler Chhatrapati Shivaji.
\n
- It was launched in January and sea trials have begun. It is expected to be commissioned within this year.
\n
- It is followed by third Scorpene Submarine known as “Karanj”.
\n
- Scorpene Submarines are class of diesel-electric attack submarine which is designed by French naval defence and energy company DCNS and being manufactured by Mazagon Dock Limited in Mumbai.
\n
- It features additional air-independent propulsion (AIP).
\n

\n\n

Swayam

\n\n

\n
- The Right to Education Act was amended to offer untrained school teachers a window to acquire required qualification.
\n
- It was done to improve the quality of education in government and private schools.
\n
- Many untrained school teachers have enrolled for a training course in National Institute of Open Schooling (NIOS) to get themselves trained by 2019 to retain their jobs.
\n
- Courses will be offered through Swayam which is a platform for online education.
\n

\n\n

PMIS App

\n\n

\n
- Project Monitoring Information System (PMIS) mobile app was launched by National Highway Authority of India (NHAI).
\n
- The app will facilitate in-house monitoring on NHAI projects and real time status of the highway across the country.
\n

\n\n

Insecticide Poisoining

\n\n

\n
- An insecticide poisoning occurs when chemicals intended to control an insect affect non-target organisms such as humans, wildlife, or bees.
\n
- Usually Insecticide poisoning occurs in 3 ways,\n
    \n
    - Single and short-term very high level of exposure – Acute poisoining
    \n
    - Long-term high-level exposure - Occur in pesticide formulators and manufacturers.
    \n
    - Long-term low-level exposure - Individuals are exposed to residues in food as well as in the air, water, soil, sediment, food materials, plants

and animals.
\n
\n
\n
- The farmers in Vidarbha’s yavatmal district have lost their lives due to improper spraying of an **insecticide Profex super**.
\n
- Indiscriminate use of wrong combinations of insecticides and direct and continuous exposure of toxic substances owing to lack of protective gear were the reasons for the death of the farmers.
\n

\n\n

\n\n

Source: PIB, The Hindu, Business Line.

\n\n

\n\n

\n

