

September - 18

## TNPSC BITS

- ❖ Japan's Chief Cabinet Secretary Yoshihide Suga is set to become the country's next Prime Minister by replacing the outgoing PM, Shinzo Abe.

## NATIONAL

### Integrated Road Accident Database Project (iRAD)

- ❖ The Central government implementing Integrated Road Accident Database Project (iRAD) across the country and the related app will enable collection of accident data on the spot.
- ❖ Initially, the proposal will be implemented in six states, namely Maharashtra, Karnataka, Madhya Pradesh, Rajasthan, Uttar Pradesh and Tamil Nadu.
- ❖ The app will enable the stakeholders such as the Police, Transport, and Health etc. to use their mobile phones to collect accident data on the spot.
- ❖ This data can then be utilized for various purposes like finding the cause of accident and remedial measures to improve the road infrastructure and record the accident data.

### Committee to Study Ancient Indian Culture

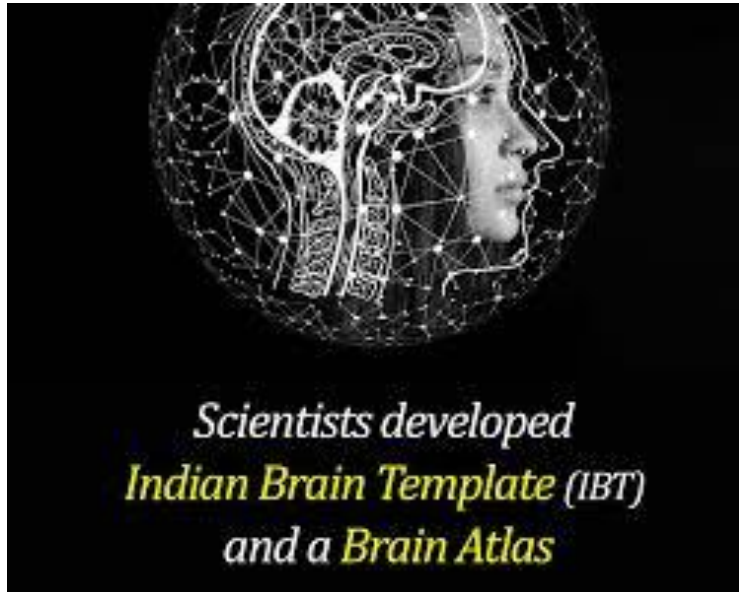
- ❖ The government has formed an expert committee for conducting a holistic study of origin and evolution of Indian culture since 12,000 years before present and its interface with other cultures of the world.
- ❖ The 16 member committee will include KN Dikshit, Chairman, Indian Archaeological Society, New Delhi, and former Joint Director General, Archaeological Survey of India, among others.

## SCIENCE AND TECHNOLOGY

### Indian Brain Templates (IBT)

- ❖ A team of neuroscientists from the National Institute of Mental Health and Neuro Sciences (NIMHANS) has developed Indian Brain Templates (IBT) and a brain atlas.
- ❖ It is a gross representation from various brain images to understand brain functionality in diseased conditions.

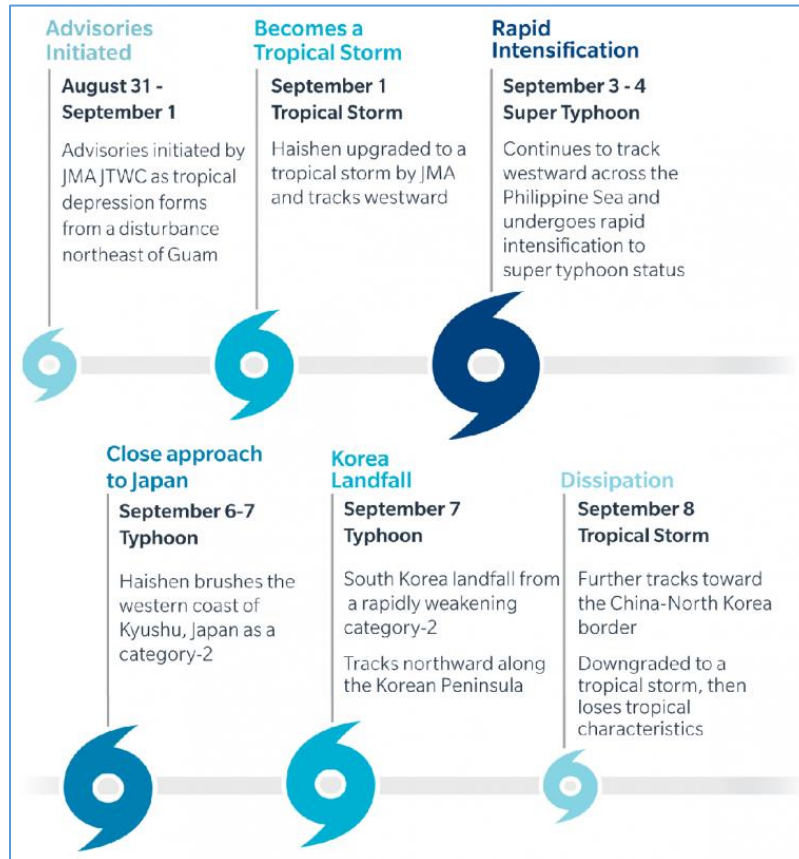
- ❖ These new population and age-specific Indian brain templates will allow more reliable tracking of brain development and ageing.
- ❖ The templates and atlas will provide more precise reference maps for areas of interest in individual patients with neurological disorders like strokes, brain tumours, and dementia.



## **ENVIRONMENT**

### **Typhoon Haishen**

- ❖ Typhoon Haishen made landfall over the southern Japan and becoming the country's second landfalling typhoon within a week.
- ❖ The typhoon is categorised as a Category 4 storm which means well-built framed houses can suffer severe damage.
- ❖ It referred to as typhoon number 10 in Japan because the first typhoon to occur after January 1st of the year is called typhoon number 1.
- ❖ Haishen was a name recommended by China and means "sea god" in Chinese.
- ❖ Depending on where they occur, hurricanes may be called typhoons or cyclones.



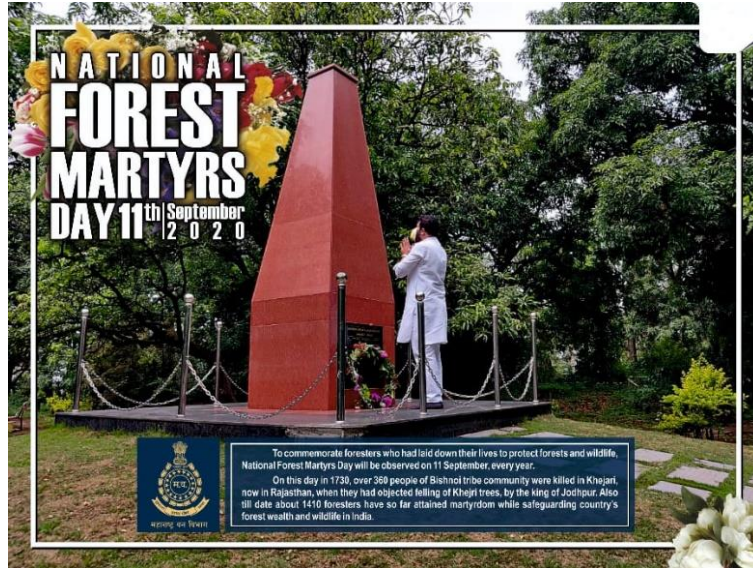
## STATES

### YSR Aasara Scheme

- ❖ Andhra Pradesh launched the YSR AASARA scheme.
- ❖ It is a part of implementation of “Nava Ratnalu”.
- ❖ The scheme has been launched with the commitment of alleviating the poverty in both rural and urban areas and to improve the productivity.
- ❖ The scheme has been launched for women empowerment economically and socially.
- ❖ Bank loan will be reimbursed in four instalments under the scheme to the Self-Help Groups.
- ❖ This Nava Ratnalu scheme was announced in the Andhra Pradesh Budget 2019-20.



- ❖ The Ministry of Environment and Forest made the declaration in 2013 to observe this day.



## MISCELLANEOUS

### Ecological Threat Register

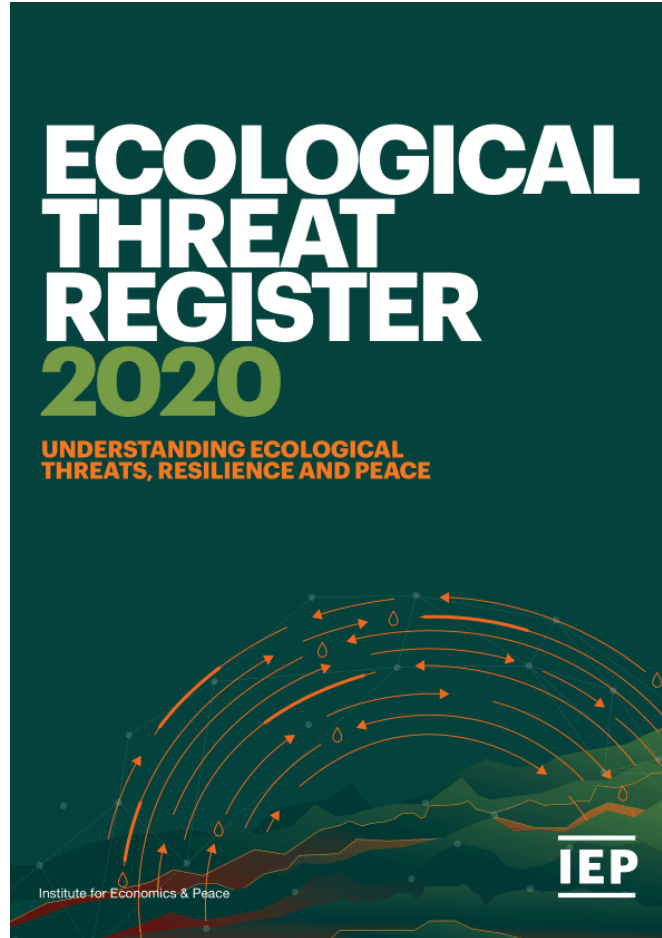
- ❖ This is compiled by the Institute for Economics and Peace (IEP), a think-tank which produces annual terrorism and peace indexes.

#### Key Findings

- ❖ Over the next 30 years, the report finds that 141 countries are exposed to at least one ecological threat by 2050.
- ❖ 19 countries with the highest number of ecological threats are among the world's 40 least peaceful countries including Afghanistan, Syria, Iraq, Chad, India and Pakistan.
- ❖ Sub-Saharan Africa, South Asia, the Middle East and North Africa are the regions facing the largest number of ecological threats.
- ❖ By 2040, a total of 5.4 billion people (more than half of the world's projected population) will live in the 59 countries experiencing high or extreme water stress, including India and China.
- ❖ 3.5 billion people could suffer from food insecurity by 2050.
- ❖ Regions that have high resilience, such as Europe and North America, will not be immune from the wider impact of ecological threats.
- ❖ Developed countries which are facing no threats include Sweden, Norway, Ireland, and Iceland.



❖ In total there are 16 countries facing no threats.



★ ★ ★ ★ ★ ★ ★ ★ ★ ★