

## **Prelim Bits 19-07-2017**

### **Traditional Knowledge Digital Library (TKDL)**

\n\n

\n

- TKDL is an Indian initiative to prevent exploitation and to protect Indian traditional knowledge from wrongful patents, mainly at International Patent Offices.

\n

- TKDL contains Indian traditional medicine knowledge in a digitized format and is available in five international languages (English, French, German, Spanish and Japanese).

\n

- Indian traditional medicine knowledge in TKDL pertains to traditional books related to Ayurveda, Unani and Siddha.

\n

- CSIR is the implementing agency for TKDL and under the scheme funds are provided only to CSIR and no funds have been allocated to any State.

\n

\n\n

### **Food Irradiation Centres**

\n\n

\n

- In Irradiation centres, food products are subjected to a low dosage of radiation to treat them for germs and insects, increasing their longevity and shelf life.

\n

- Food can be irradiated only in a food irradiation plant authorised by the Atomic Energy Regulatory Board and licensed by the competent Government Authority

\n

- The irradiation doses are recommended by the International Atomic Energy Agency (IAEA).

\n

- Four irradiation projects have been approved in U.P, Haryana, Karnataka and Rajasthan recently.

\n

- It is approved under the integrated cold chain scheme, to tide over shortages, post-harvest losses, price rise and to preserve fruits and vegetables.

\n

- In India, post-harvest losses in food and food grains are around 40-50 per cent, primarily due to insect infestation, microbiological contamination, physiological changes due to sprouting and ripening, and poor shelf life.

\n

- Thus Irradiation centres help to overcome this post harvest losses.

\n

\n\n

## **Most Competitive State**

\n\n

\n

- According to recent study conducted by National Council for Applied Economic Research (NCAER), Gujarat has topped in business investment potential and has become the most competitive state.

\n

- The Study ranks their competitiveness on six pillars, namely land, labour, infrastructure, economic climate, political stability and governance, and business perception.

\n

- Gujarat is followed by Delhi, Andhra Pradesh, Haryana, Telangana and Tamil Nadu.

\n

- West Bengal ranked last on the index, with Uttar Pradesh and Bihar being just above it.

\n

- While corruption continues to be a sore area for businesses, the report finds perceptions of corruption seem to be improving, indicating change.

\n

- The percentage of respondents citing corruption as a constraint for conducting business has fallen from 79% in 2016 to 57% in 2017.

\n

\n\n

## **Global Witness**

\n\n

\n

- Global Witness is a London and Washington, D.C. based advocacy group that

works on the intersection of natural resource extraction and human rights.

\n

- In its recent “Global Witness Report”, it ascertains that 2016 has highest annual number of environmental activists were killed.

\n

- Brazil is the world’s deadliest country in terms of sheer numbers killed for the protection of Amazon’s natural wealth.

\n

- Honduras remains the most dangerous country per capita over the past decade.

\n

- India saw a threefold increase in killings but Latin America remained the deadliest region with 60% of the world’s deaths of environmental activists.

\n

\n\n

## **Haemoglobinopathies**

\n\n

\n

- Hemoglobinopathy is a kind of genetic defect that results in abnormal structure of one of the globin chains of the hemoglobin molecule.

\n

- Common hemoglobinopathies includes sickle-cell disease and Thalassemia and other variant anaemia.

\n

- Thalassemia usually results in underproduction of normal globin proteins, often through mutations in regulatory genes.

\n

- Although Public Health being a State subject, Ministry of Health and Family Welfare has recently issued comprehensive guideline for Haemoglobinopathies.

\n

- The guidelines provide for screening of every pregnant woman during ANC, pre-marital counselling at the college level and onetime screening for variant anaemia for all children in class VIII.

\n

\n\n

## **Earnings power**

\n\n

\n

- It is defined as the ability of a business to generate earnings from its core

operating activities, assuming all current operational conditions remain constant.

\n

- Earnings power is a useful concept for investors trying to value a business.
- To arrive at the earnings power of a business, investors usually take a look at the historical earnings record of the business and then adjusted to get an idea of its probable future earnings.

\n

\n\n

\n\n

**Source : PIB, The Hindu, Business Standard and Business Line**

\n

