Prelim Bits 11-04-2018

Pashu Chikitsak Mahasangh

\n\n

\n
- The secretary of Department of Animal Husbandry, Dairying and Fisheries (DADF) under Minsitry of Agriculture and Farmer's Welfare inaugurated the website of Pashu Chikitsak Mahasangh.
\n
- The website was dedicated to **Veterinarians of the country**.
\n
- It is to be developed as an effective platform for sharing of knowledge and developing a database in the field of veterinary sciences in the country.
\n
- Pashu Chikitsak Mahasangh is a registered body formed as apex organization of State Veterinary Associations.
\n
- It is to work for the welfare of the veterinarian's working in Government service sector.
\n

\n\n

Swaziland

\n\n

\n
- The President of India became the **first visiting Head of State** to address the Parliament of the Swaziland.
\n
- India and Swaziland signed two agreements — on health cooperation; and on visa waivers for those travelling on official and diplomatic passports.
\n
- Swaziland is a small, **landlocked** kingdom in the southern Africa.
\n
- It is the smallest country in the Southern hemisphere.
\n

\n\n

\n\n

\n
- It is a predominantly rural country surrounded by South Africa and Mozambique.
\n
- Hlane Royal National Park and Mkhaya Game Reserve are the wildlife attractions in the country.
\n
- Mkhaya is one of the best places on the continent to see both **black and white rhino** and Hlane is home to big cat – the lion.
\n

\n\n

Eco-friendly aircrafts

\n\n

\n
- Air transportation's impact on global warming is estimated at around five percent through CO2 emissions and other substances, including nitrogen oxide and water vapor.
\n
- The number of air passengers is expected to almost double by 2036 to 7.8 billion per year, according to the International Air Transport Association's (IATA) projections.
\n
- Meanwhile, the airline industry aims to cut its CO2 emissions in half by 2050 from 2005 levels.
\n
- Some airlines are beginning to look at electric-powered aircraft as a way to balance both the growth and environmental sustainability.
\n
- Electric planes are cost-effective and much quieter.
\n
- They don't need long runways & could be used at some smaller airports close to city centers.
\n
- One of the biggest hurdles will be the battery storage technology.
\n

\n\n

Sentinel Wrap

\n\n

\n
- Sentinel Wrap is a transparent patch that can detect if food has gone bad, by monitoring the presence of harmful pathogens in real time.
\n
- It can be incorporated directly into food packaging to signal E coli and Salmonella contamination.
\n
- If a pathogen is present in the food or drink inside the package, it would trigger a signal in the packaging that could be read by a smart phone or other simple device.
\n
- The test itself does not affect the contents of the package.
\n
- It would be cheap and easy to mass produce, as the DNA molecules that detect food pathogens can be printed onto the test material.
\n
- The same technology could also be used in other applications, such as bandages to indicate if wounds are infected, or for wrapping surgical instruments to assure they are sterile.
\n

\n\n

Defense Investor Cell

\n\n

\n
- Defense Investor Cell is set up by department of defense production, Ministry of Defense.
\n
- The cell is to directly interact with all interested investors with regard to potential investment and queries related to policy and projects handled by the MoD.
\n
- The roles and responsibilities of the cell are
\n

\n\n

\n
1. To act as investment promotion and facilitation agency for all investments in Defense Sector.
\n
2. To facilitate in process of acquisition of licenses.
\n
3. To facilitate availability of public testing infrastructure.

\n

\n\n

\n

- The cell will initially have officers on areas related to Aerospace, Electronics, Naval and Land systems.
\n
- It will initially provide the following platforms:\n
\n
a. Query Based System to address the online queries.
\n
b. Platform for Start-ups to show case their technologies and seek potential partners.
\n
c. Physical setting of the Investor Cell Defense.
\n

\n
\n

\n\n

International Energy Forum (IEF)

\n\n

\n

- Prime Minister of India will inaugurate the IEF Ministerial Meeting in India.
\n
- International Energy Forum (IEF 16) is hosted by India and co-hosted by China and Korea.
\n
- The theme of this event is ‘The Future of Global Energy Security: Transition, Technology, Trade and Investment’.
\n
- IEF16 is the largest gathering of Energy Ministers from across the globe, industry leaders and heads of key international organizations who will debate the future of global energy.
\n
- It aims to focus on how global shifts, transition policies and new technologies influence market stability and future investment in the energy sector.
\n
- Click here to Know more about IEF
\n

\n\n

Source: PIB, The Hindu, Business Standard

\n\n

\n\n

\n

