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Economy

Centre for Processing Accelerated Corporate Exit (C-PACE)

• **Established in –** 2023, by Ministry of Corporate Affairs(MCA).
• **Administrative supervision –** Director General of Corporate Affairs.
• **Aim –** To reduce the stress on the MCA registry along with availability of more meaningful data to the companies.
• **Benefit –** To provide a hassle-free filing, timely and process-bound striking off their company's names from MCA register.

Standard & Poor's (S&P) Global Ratings

India improved in long-term sovereign credit rating to 'BBB' from 'BBB-' and its short-term rating to 'A-2' from 'A-3', with a Stable Outlook.
• **S&P global rating –** It is one of the major *credit rating agencies*.
• **Objective –** To indicate their degree of investment risk in companies, countries and the debt instruments by assigning letter grades on a scale of AAA to D.
• **Analysis –** To evaluate a wide range of industries, benchmarks, asset classes, and geographies.
• To examine various financial, economic, and industry-specific factors.
• To assess the likelihood of default or inability to pay debts in a timely manner.

Agriculture

National Gopal Ratna Awards 2025

• It is a national honour in the livestock and dairy sector.
• **Launched under –** Rashtriya Gokul Mission in 2021.
• **Presented on –** National Milk Day, celebrated on November 26, annually.
• **Nodal ministry –** Ministry of Fisheries, Animal Husbandry and Dairying.
• **Objectives –** To encourage excellence among milk-producing farmers & institutes.
• To focus on promoting indigenous cattle and buffalo breeds.
• **Special category award –** For North Eastern Region (NER) and Himalayan states.

Science

Veterinary Diagnostic Tools

• **Developed by –** National Institute of Animal Biotechnology.
• **Aim –** To protect animal health and safeguard farmer livelihoods.
• **5 technologies**
  - **BruDIVA –** Rapid detection of Brucellosis**,** a field-deployable.
  - **Udder Care –** Mastitis detection technology.
  - **CureCheck –** Antimicrobial sensitivity testing device, a portable tool providing results within 2 hours to promote responsible antibiotic use.
  - **Toxo Antibody Rapid Test –** Toxoplasmosis detection kit for toxoplasma gondii infection in animals and humans.
  - **RapiChex JE NS1 Test –** Japanese Encephalitis detection kit.
• **Significance –** Aligns with 'One Health' approach.

Mastitis in Animals

• It is *breast inflammation* that can lead to infection.
• **Causal agents –** Often by *bacterial infection (Staphylococcus aureus)* can also be linked to fungi, Mycoplasma, or even viruses.
• **Symptoms –** Red, swollen, painful breast and flu-like indications.

Toxoplasmosis

• It is a *zoonotic infection* caused by Toxoplasma gondii, an obligate intracellular *parasitic protozoan*.
• It can infect *all warm-blooded vertebrates,* including humans.
• **Symptoms –** Fever, fatigue, headaches, and swollen lymph nodes.

Miscellaneous

Pangong Tso region

Recently, joint expedition team from 3 premier national mountaineering institutes successfully summit highest peaks in Pangong Tso region.
• **Location –** Eastern Ladakh along the border with Tibet.
• **Highest peaks –** Mt Merag-III (6,480m) & Mt kangju Kangri (6710m).
• **Altitude –** It is situated at a height of 14,270ft above sea level.
• **Biodiversity –** Bar-headed geese, Brahminy ducks, black necked cranes and seagulls are commonly spotted here.
• **Saltwater lake –** It has one of the highest brackish water lakes in the world.
• It changes color appearing blue, grey-green, and red at varied points in time.

Sri Aurobindo

• He was a yogi, philosopher, poet, and Indian nationalist.
• **Birth –** 1872.
• **Founded –** Sri Aurobindo Ashram in Puducherry.
• **Newspaper –** Bande Mataram, 1st political leader to openly put forward the *idea of complete independence* in his newspaper.
• **Literary works –** The Life Divine, The Synthesis of Yoga, Essays on the Gita, The Synthesis of Yoga, The Human Cycle, The Ideal of Human Unity, Savitri – A Legend and a Symbol, and On the Veda (1956).

FASTag Annual Pass

NHAI has implemented the 'FASTag annual pass' facility at 1,150 toll plazas on national highways and expressways.
• **Nodal ministry –** Ministry of Road Transport & Highways.
• **Applicable for –** All non-commercial vehicles.
• **Fee –** Onetime payment of Rs. 3,000.
• **Validity –** 1 year or 200 toll plaza crossings.

Morarji Desai National Institute of Yoga (MDNIY)

• It is an autonomous organisation under the Ministry of Ayush.
• **Established in –** 1998 by upgrading the erstwhile Central Research Institute for Yoga (CRIY), 1976.
• **Registered under –** Societies Registration Act, 1860.
• **Aim –** To promote deeper understanding of yoga philosophy & practices based on ancient yoga traditions.