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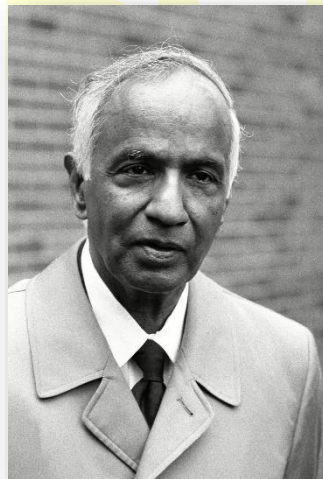
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DAILY CURRENT AFFAIRS

22nd - 23rd August 2021

Subrahmanyam Chandrasekhar Remembered on his Death Anniversary

- Chandrasekhar was an Indian American astrophysicist who spent his professional life in the United States.
- He received the **Nobel Prize in Physics (1983)** alongside **William A. Fowler** for his theoretical studies of the physical processes of importance to the structure and evolution of the **stars**.
- The **Chandrasekhar limit** is also named after him. The concept gives the maximum **mass of a stable white dwarf star**. When a star like our Sun exhausts its nuclear fuel, it collapses into a compact, brilliant star known as a **white dwarf**.



Zyklus Cadila's Zy-Cov-D gets Emergency Use Nod

- **Ahmedabad**-based pharmaceutical firm **Zyklus Cadila** has received a nod for Emergency Use Authorization (EUA) from the Drug Controller General of India (DCGI).
- **ZyCov-D** becomes the world's first and **India's indigenously developed** DNA vaccine against infection from SARS-CoV-2.

- ZyCov-D becomes the **second indigenous coronavirus vaccine** after **Covaxin** and the sixth vaccine to get Emergency Use Approval in India by the government.
- The other vaccines include **Bharat Biotech's Covaxin, Serum Institute of India's Covishield, SputnikV by Gamaleya Research Institute and US-made Moderna and Johnson & Johnson.**
- ZyCov-D will be administered in **three doses**, with an interval of 28 days between the first, second and third shots.



Scripting history, Commercial Flight Operation Starts from Tezu Airport of Arunachal Pradesh

- **Tezu's** inclusion on the country's aviation map is projected to enhance tourism in the frontier state bordering China. (Tezu is in the Lohit district of Arunachal Pradesh)
- **Flybig Airlines** took off from Guwahati, which landed in Tezu after a one-hour journey.
- **AAI and Ministry of Civil Aviation (UDAN Scheme)** were hailed for providing such connectivity in Northeast India.



India to Add 35 More Earthquake Observatories by End of This Year

- Addressing the inaugural ceremony of **Joint Scientific Assembly of International Association of Geomagnetism and Aeronomy (IAGA) - International Association of Seismology and Physics of the Earth's Interior (IASPEI)**, Dr. Jitendra Singh said that the Indian subcontinent is considered as one of the world's most disaster-prone areas in terms of earthquakes, landslides, cyclones, floods, and tsunamis.
- He further said that India is going to have **35 more earthquake Observatories** by end of this year and 100 more such Observatories in next five years.
- Since Independence India had only **115 Earthquake** Observatories but now there is going to be a quantum leap in the number of **Earthquake Observatories** in the country.



Narayankoti temple Included in Adopt a Heritage Project

- The **Narayankoti temple (Uttarakhand)** has been included under the Centre's Adopt a Heritage project.
- This is the only place in the country which has nine planetary temples in a group that are a “**symbol of nine planets**”.
- Believed that these temples were constructed in the **9th century**, it is devoted to **Lakshmi Narayana** who is associated with **Pandavas**.
- **Adopt a Heritage Project** was launched **on 27th September 2017** (World Tourism Day), it is a collaborative effort by the Ministry of Tourism, Ministry of Culture and Archaeological Survey of India (ASI), State/UTs Governments.

- The sites/monuments are selected based on tourist footfall and visibility and can be adopted by **private and public sector companies and individuals** - known as **Monument Mitras** - for an initial period of **five years**.



PM-KUSUM and Rooftop Solar Programme Phase-II

- The **Ministry of New and Renewable (MNRE)** has conducted a review of implementation of Prime Minister's Kisan Urja Suraksha Evam Utthan Mahabhiyan (PM-KUSUM) scheme and Rooftop Solar Programme **Phase-II** and suggested measures for expansion of the schemes.
- The **PM-KUSUM scheme** was launched by the MNRE in 2019, to support installation of off-grid **solar pumps** in rural areas and reduce dependence on grid, in grid-connected areas.
- The objective of the scheme is to enable farmers to set up **solar power generation** capacity on their barren lands and to sell it to the grid.
- **Rooftop Solar Programme Phase II:**
- The aim is to achieve a cumulative capacity of **40,000 MW** from **Rooftop Solar Projects** by the year 2022.
- This scheme is being implemented in the states by **distribution companies (DISCOMs)**.
- The MNRE is providing a 40% subsidy for the first 3 kW and 20% subsidy beyond 3 kW and upto 10 kW of solar panel capacity.

REVIEW QUESTIONS

1. **Subrahmanyam Chandrasekhar received the Nobel Prize in Physics (1983) alongside**

- A. Tom Hardy
- B. William A. Fowler
- C. George Ellery
- D. Angelo Secchi

ANSWER: B

2. **Who is the founder of Cadila Healthcare?**

- A. Ramanbhai Patel
- B. Pankaj Patel
- C. Ashish Patel
- D. Dilip Patel

ANSWER: A

3. **_____ is the highest optical telescope in the world, situated at an elevation of 4,500 meters.**

- A. Chinese Astronomical Observatory
- B. Indian Astronomical Observatory
- C. Bhutan Astronomical Observatory
- D. Nepal Astronomical Observatory

ANSWER: B

4. **World Meteorological Organization's Headquarters is Located at**

- A. Paris
- B. Geneva
- C. London
- D. New York

ANSWER: B

5. International Maritime Organization's Headquarters is Located at

- A. Paris
- B. Geneva
- C. London
- D. New York

ANSWER: C

6. Who is the head of Meteorological Department of India?

- A. Dr Jitendra Singh
- B. Madhavan Nair Rajeevan
- C. Dr. Mrutyunjay Mohapatra
- D. Dr. Shamlee Kumari

ANSWER: C

7. The Greenhouse Gas Bulletin is released by

- A. UNEP
- B. WMO
- C. UNFCCC
- D. IMO

ANSWER: B

8. Under the Chardham Pariyojana, the _____ is aiming to improve the connectivity for Chardham.

- A. Ministry of Road Transport and Highways
- B. Ministry of Tourism
- C. State Govt of Uttarakhand
- D. Tata & Sons Co.

ANSWER: A

9. Gurudwara Shri Hemkund Sahib Ji, is a Sikh place of worship devoted to

- A. Guru Nanak
- B. Guru Angad
- C. Guru Gobind Singh
- D. Guru Arjan Singh

ANSWER: C

10. Jim Corbett National Park (oldest national park of the country) is in

- A. Madhya Pradesh
- B. Andhra Pradesh
- C. Uttarakhand
- D. Karnataka

ANSWER: C



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