



Sleepy Classes

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1970

What do you understand by the concept of ‘data localisation’?

- a) It requires the data to be completely collected from the country concerned and put to use for country’s welfare.
- b) It requires data about a nation’s’ citizens or residents be collected, processed, and/or stored inside the country, often before being transferred internationally.
- c) It requires international data to be deposited in the country that the MNCs are entering for business.
- d) It requires data collected internationally to be regionally distributed as per the needs of the local area and population.

- Explanation- **Data localization** or **data residency** law requires data about a nations’ citizens or residents be collected, processed, and/or stored inside the country, often before being transferred internationally, and usually transferred only after meeting local privacy or data protection laws, such as giving the user notice of how the information will be used and obtaining their consent. The new law in India requires payments companies to store all information about transactions involving Indians solely on computers in the country. The law and the hubbub over it are part of a debate over a concept known as “data localization,” in which a country places restrictions on data as a way to gain better control over it and potentially curb the power of international companies.
- <https://indianexpress.com/article/india/visa-mastercard-and-american-express-defy-indias-regulators-over-data-rules-5404025/>

Which of the following are incorrect with regard to the Chandra Observatory?

- a) At its furthest orbital point from Earth, Chandra is one of the most distant Earth-orbiting satellites, beyond the outer Van Allen belt
- b) Chandra X-Ray is a space observatory built and launched by NASA and named after Chandrashekhar Venkata Raman
- c) Chandra has a High Resolution Mirror Assembly that helps reflect X-Ray photons and not absorb them like normal mirrors
- d) Chandra is one of the four Great Observatories

- Explanation- The **Chandra X-ray Observatory (CXO)**, previously known as the **Advanced X-ray Astrophysics Facility (AXAF)**, is a Flagship-class space observatory launched on STS-93 by NASA on July 23, 1999. Chandra is sensitive to X-ray sources 100 times fainter than any previous X-ray telescope, enabled by the high angular resolution of its mirrors. Chandra is one of the Great Observatories, along with the Hubble Space Telescope, Compton Gamma Ray Observatory, and the Spitzer Space Telescope. The telescope is named after the Nobel Prize-winning Indian-American astrophysicist Subrahmanyan Chandrasekhar. NASA's Chandra X-ray telescope – which observes galaxies from the Earth's orbit – is back in action after suffering a technical glitch and going into safe mode last week.
- <https://indianexpress.com/article/technology/science/nasas-chandra-observatory-back-online-after-brief-shutdown-5405227/>

Which of the following pairs are incorrectly matched?

Dynasty- Main area

1. Sena dynasty- Bengal
 2. Kakatiyas dynasty- Warangal
 3. Pushyabhutis- Gujarat
 4. Vakatakas- Deccan
- a) 1 and 3
 - b) 2 and 4
 - c) Only 2
 - d) Only 3

- Explanation-The Sena Empire was a Hindu dynasty during the Late Classical period on the Indian subcontinent that ruled from Bengal through the 11th and 12th centuries. One of the most prosperous cities was that of Gauda. This is a ruined city on the Indo-Bangladesh border most of the former citadel is located in the present-day Malda district of West Bengal while a smaller part is located in Nawabganj District of Bangladesh. Malda town is the final stop on the New Farakka Express that was recently derailed.
- <https://indianexpress.com/article/india/new-farakka-express-derailment-preliminary-enquiry-indicates-glitch-in-trains-guiding-system-5405727/>

Which of the following are true with regard to the Zika virus?

1. Zika is a viral infection, first identified in Uganda in 1947 in monkeys
2. The vector is the *Aedes aegypti* mosquito, which also spreads dengue and malaria
3. Zika virus cannot be transmitted sexually
4. Zika virus may cause an increase in Guillain-Barré syndrome

- a) Only 1 and 4
- b) Only 1 and 2
- c) Only 1, 2 and 4
- d) Only 1, 3 and 4

- Explanation- Zika is a viral infection, spread by mosquitoes. The vector is the *Aedes aegypti* mosquito, which also spreads dengue and chikungunya. Additionally, infected people can transmit Zika sexually. First identified in Uganda in 1947 in monkeys, Zika was detected in humans five years later. Sporadic cases have been reported throughout the world since the 1960s, but the first outbreak happened only in 2007 in the Island of Yap in the Pacific. In 2015, a major outbreak in Brazil led to the revelation that Zika can be associated with microcephaly, a condition in which babies are born with small and underdeveloped brains. Generally, the virus is not considered dangerous to anyone other than pregnant women. Some countries that have had a Zika outbreak, including Brazil, reported a steep increase in Guillain-Barré syndrome — a neurological disorder that could lead to paralysis and death, according to WHO.
- <https://indianexpress.com/article/explained/zika-outbreak-health-ministry-prevention-treatment-5405278/>

Which of the following is/are correct?

- i. “Faster Adoption and Manufacturing of Electric and Hybrid Vehicles in India”, popularly known as FAME India scheme is administered by the Ministry of Road Transport and Shipping.
 - ii. As part of the scheme, the Government is providing subsidy to 11 cities under FAME India, for launching electric buses, taxis and three-wheelers.
- a) i only
 - b) ii only
 - c) Both i and ii
 - d) Neither i nor ii

- Explanation- Department of Heavy Industry is the Department which is administering the scheme “Faster Adoption and Manufacturing of Electric and Hybrid Vehicles in India”, popularly known as FAME India scheme since 01st April 2015.
- <http://pib.nic.in/newsite/PrintRelease.aspx?relid=174902>
- https://www.business-standard.com/article/economy-policy/the-dirty-secret-under-the-hoods-of-electric-cars-no-one-talks-about-118101601136_1.html

**"FIGHT
FOR THE THINGS
THAT YOU CARE ABOUT,
BUT DO IT IN A WAY
THAT WILL LEAD OTHERS
TO JOIN YOU."**

Ruth Bader Ginsburg