



Daily Current Affairs Encyclopedia

06 December 2023

National and International News

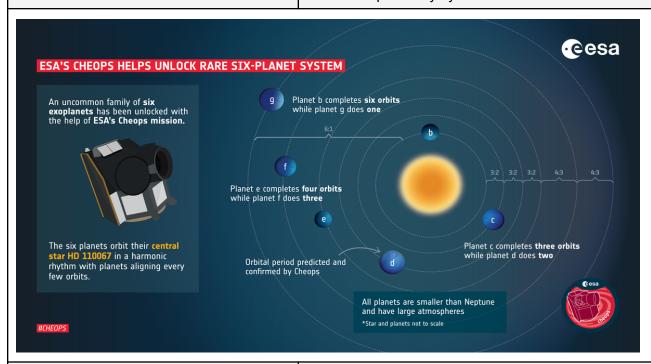
Six exoplanets found orbiting a nearby bright star

Context

 Six exoplanets orbiting around a nearby bright star (HD 110067) in the Coma Berenices constellation has been discovered.

Key points

- HD 110067 is the bright star in the Coma Berenices constellation (around 100 light-years away), which is visible from Earth's Northern Hemisphere
- The masses of the planets and estimated densities are relatively low
- The low densities could be explained by large, hydrogen-rich atmospheres.
- All six planets are in resonant orbits, in which the planets exert regular forces on each other as they orbit.
- This feature suggests that the system remains practically unchanged since its birth, at least four billion years ago.
- Scientific Significance: Enhances understanding of exoplanetary systems.



Visa-free entry to Indian citizens

Context

Malaysia has become the latest country to extend





Daily Current Affairs Encyclopedia

The facility will be extended to Indian travellars to		
The facility will be extended to Indian travellers till		
December 31, 2024 and will be valid for 30 days		
from the date of entry.		

the advantage of visa-free travel to Indian citizens

Key points

- The initiative is aimed at ensuring hassle-free travel for Indians who have emerged as one of the major tourist groups visiting Malaysia in the recent past.
- At present there are around 26 countries that extend visa-free entry to Indian citizens for various reasons.

One-third of all 2022 suicides were of daily wage earners, farmers, says NCRB report

Context

India reported a total of over 1.7 lakh suicides in 2022, nearly one-third of whom were daily wage earners, agricultural labourers, and farmers, according to the National Crime Record Bureau's (NCRB) Accidental Deaths and Suicides in India (ADSI) 2022 report

Key points

- The suicide data published in the ADSI-2022 report showed that the maximum suicides in the year were reported from Maharashtra (22,746), Tamil Nadu (19,834), Madhya Pradesh (15,386), Karnataka (13,606), Kerala (10,162), and Telangana (9,980).
- Apart from daily wage earners, and agricultural workers and farmers, the ADSI data showed that 9.6% of the suicides in 2022 were of persons who were self-employed or salaried professionals.
- This was followed by unemployed persons, who comprise 9.2% of all suicides reported in India in 2022.
- Among all suicides reported in the year, over 12,000 were of students.

Methane

Context

At the ongoing COP-28 climate talks in the United Arab Emirates, a group of well-endowed philanthropic bodies, including the **Sequoia Climate Foundation and the Bezos Earth Fund**, announced that they would collectively invest **\$450 million in** solutions to tackle methane emissions.

About

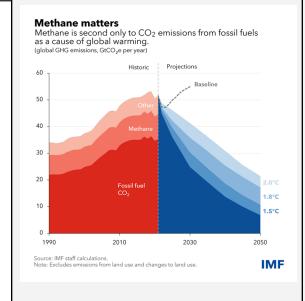
- Methane is an organic compound.
- Its molecule consists of carbon and four hydrogen atoms (CH4).





Daily Current Affairs Encyclopedia





- It's in the news of late because of its character as a potent climate pollutant.
- Methane has a greater global warming potential (GWP) than carbon dioxide.
- However, while carbon dioxide lasts for several decades at a time in the atmosphere before breaking down, methane breaks down in a matter of years. That is, it's a short-lived climate pollutant.
- Its sources include cattle-farming, landfills, wastewater treatment facilities, rice cultivation, and some industrial processes.

What is GWP?

- The GWP is a measure of the warming caused by a substance relative to that due to the same mass of carbon dioxide; the GWP100 measures this over a century at a time.
- If carbon dioxide has a GWP100 of 1, methane is 28, nitrous oxide is 265, and sulphur hexafluoride is 23.500.

RS passes Post Office Bill

Context

The Rajya Sabha passed the Post Office Bill, which repeals and replaces the **Post Office Act of 1898**.

Key points

- The bill will ensure the effective functioning of the postal department as a messenger service and as a provider of banking facilities.
- **Section 9 of** the Bill gives the power to intercept, open or detain any item or deliver item to customs authority by the post office officials.
- The provisions empowering any officer to intercept, open or detain any postal item in the interest of the security of the State is also a concern that giving such a free hand to officers will harm the right to privacy.





Daily Current Affairs Encyclopedia

Kerala Regional News

Kerala has the highest rate of filing charge-sheets in the country	 The National Crime Records Bureau's Crime in India 2022 report has revealed that Kerala has the highest rate of filing charge-sheets in the country for offenses under the Indian Penal Code (IPC) at 96 per cent. Puducherry featured second with 91.3 per cent and West Bengal third with 90.6 per cent. The charge-sheeting rate is the percentage of cases charge-sheeted by police of the total number of cases disposed of in a particular year.
Sayyid Abdur Rahman Azhari Award	Context:
Awaiu	 The department of Arabic of University of Kerala has decided to confer the 'Sayyid Abdur Rahman Azhari Award for excellence - 2023' to noted Arabic Scholar and author of more than hundred books, Kodambuzha Bava Musliyar. The award was instituted by Kerala University department of Arabic Alumni Association(KUDAAA) in 2019 to honour the contribution of the Kerala Scholars for the development of Arabic language and its Knowledge tradition.
Govt to declare 364 hectares in Chinnakanal as reserve forest	The government has initiated steps to declare a whopping 364.39 hectares in Chinnakanal, Idukki district, as a protected reserve forest. This area, to be named Chinnakanal Reserve, will include Papathichola and Suryananelli in Udumbanchola taluk.
A silent threat spreads fast in	Context:
Wayanad Wildlife Sanctuary	 Wayanad Wildlife Sanctuary (WWS) is battling the encroachment of alien plant species. These invasive plants are rapidly spreading, displacing native flora and disrupting the delicate ecosystem. Several alien species have been identified as major threats, including Senna spectabilis (locally known as 'manjakonna'), Lantana camara (a toxic shrub), Mikania micrantha (an invasive vine), and various Acacia species.





Daily Current Affairs Encyclopedia



 These invasive plants not only alienate herbivores and carnivores from their natural habitat but also contribute to human-animal conflicts.

December 1 is celebrated as 'Eat a Red Apple Day'



Context:

- Dec 1st, a "Eat a Red Apple Day" isn't just about indulging in a delicious, juicy treat (although, that's certainly encouraged).
- It's about celebrating the health benefits and cultural significance of this iconic fruit
- From its antioxidant power to its starring role in countless myths and stories, the red apple has earned its place in the spotlight.

Did you Know?

• The first modern apples were discovered in the Tien Shan mountains of Kazakhstan

Copyright © by Adda247

All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Adda247.

