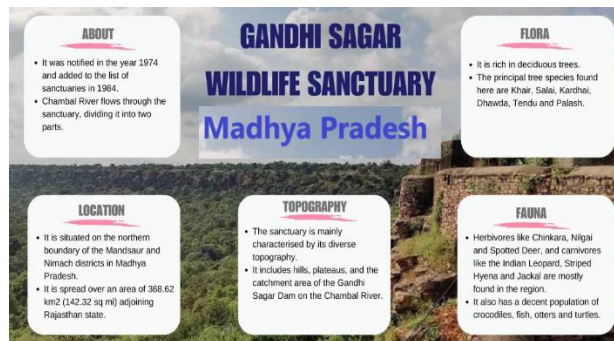


### Gandhi Sagar Wildlife Sanctuary (GSWS) is being considered for a new cheetah reintroduction project

The Wildlife Institute of India (WII) has examined Project Cheetah in Kuno National Park, Madhya Pradesh, and concluded that it was a successful central government program. This has prompted the government to speed up plans to carry out a similar project in the Gandhi Sagar Wildlife Sanctuary (GSWS).

#### Key points

- ❖ Project Cheetah is a central government project aiming at reintroducing cheetahs, which have been extinct in India, to contribute to worldwide cheetah conservation.
- ❖ The first cheetahs arrived at Kuno National Park, Madhya Pradesh, from Namibia in 2022, followed by another batch from South Africa in 2023.
- ❖ The death rate among the introduced cheetahs was less than the projected 50% within the first year.
- ❖ Out of the 20 imported cheetahs, 12 have survived, showing a 60% survival rate, which exceeds initial estimates.
- ❖ The cheetahs introduced in Kuno have given birth to 17 cubs, 12 of which are still alive.



### Gandhi Sagar Wildlife Sanctuary

- ❖ Notified in 1974, encompassing the districts of Mandsaur and Neemuch in western Madhya Pradesh, bordering Rajasthan.
- ❖ The Chambal River bifurcates the sanctuary into two nearly equal parts, with the Gandhi Sagar Dam situated within the sanctuary.

### Shanghai is the most polluting city globally

Shanghai is the most polluting city globally, emitting 256 million metric



tons of greenhouse gases, more than the entire nations of Colombia or Norway.

#### Key points

- ❖ Tokyo emits 250 million metric tons, placing it among the top 40 nations for emissions, whereas New York City and Houston emit 160 million and 150 million metric tons, respectively.

- ❖ Climate Trace, an initiative co-founded by Al Gore, collects data using satellite and ground observations as well as artificial intelligence to measure emissions such as carbon dioxide, methane, and nitrous oxide.
- ❖ China, India, Iran, Indonesia, and Russia saw the highest growth in emissions from 2022 to 2023.
- ❖ Venezuela, Japan, Germany, the United Kingdom, and the United States saw the greatest declines.
- ❖ The Permian Basin in Texas is considered as the world's most polluting site, with emissions surpassing those of Russia and China.
- ❖ The total worldwide CO<sub>2</sub> and methane emissions increased by 0.7% in 2023, reaching 61.2 billion metric tons. Methane saw a rise of 0.2%, which is concerning due to its potent warming effects.

### **Haryana's fast bowler Anshul Kamboj bags all 10 wickets in an inning**

Lanky Haryana fast bowler Anshul Kamboj created history by taking all the 10 wickets of Kerala in a Ranji Trophy match.



#### **Key points**

- ❖ The Ranji Trophy Elite Group C match between Haryana and Kerala is being played at the Chaudhary Bansi Lal Stadium in Lahli, Haryana.

- ❖ This is the third instance in the history of the premier Ranji Trophy tournament when a bowler has taken all 10 wickets in an inning.
- ❖ Bengal's fast bowler Premangsu Chatterjee was the first player to take all ten wickets in an inning. In the 1956-57 Ranji season, he took all 10 wickets of Assam in an innings.
- ❖ Pradeep Sunderam of Rajasthan was the second player who took all 10 wickets of Vidarbha in the 1985-86 Ranji Trophy season.
- ❖ Anshul Kamboj is the third player.

- ❖ English spinner Jim Laker was the first bowler to take all 10 wickets in an innings in a test match. In the second innings against the visiting Australian side at Manchester, England, in 1956, he took 10 wickets for 53 runs.
- ❖ Anil Kumble was the second bowler in cricket history to take 10 wickets in an inning of a Test match. He took 10 wickets for 74 runs in the second innings of Pakistan at the 1999 New Delhi Test.
- ❖ New Zealand spinner Ayaz Patel took all 10 Indian wickets for 119 runs in the second Test Match played at Wankhede Stadium, Mumbai, in 2021.

## Fortune's 100 Most Powerful Business Leaders

The influential American Fortune magazine has released its first 100 Most Powerful People in Business list. Elon Musk, the chief executive officer (CEO) and founder of Tesla and SpaceX tops the list, with Mukesh Ambani of India ranked 12th.



### Key points

- ❖ The list includes six Indian-born Americans – Microsoft CEO and Chairman Satya Nadella (3rd rank), Alphabet (Google) CEO Sundar Pichai (10th rank), Adobe CEO and chair Shantanu Narayen (52), YouTube CEO Neal Mohan (69 rank), Khosla Ventures managing partner and founder Vinod Khosla (74 rank), and Tarang Amin CEO and founder of e.l.f. Beauty at 94th place.
- ❖ Mary Barry, CEO and Chairman of American Auto giant General Motors, ranked 9th in the list, is the highest-ranked women's business leader.
- ❖ Chairman and Managing Director (CMD) of Reliance Industries Limited (RIL) Mukesh Ambani, with an estimated \$100 billion of wealth, is the only Indian businessman on the list.

## National Press Day 2024

National Press Day is celebrated on November 16 to mark the day the Press Council of India (PCI) began its operations in 1966.



### Key points

- ❖ The idea for the PCI was proposed by the First Press Commission in 1956
- ❖ National Press Day symbolizes a free and responsible press, which is central to a functioning democracy.
- ❖ **National Award for Excellence in Journalism:** Recognizes outstanding contributions to print media, with the Raja Ram Mohan Roy Award being the highest honor.
- ❖ **Theme:** "Changing Nature of the Press" – highlighting the evolving dynamics of the media landscape.



## World's largest coral found in Solomon Islands

The National Geographic Society's Pristine Seas team discovered the 112-foot wide, 105-foot long and 18-foot high colony during an October expedition in the Solomon Islands, an archipelago in the South Pacific Ocean.

### Key points

- ❖ The colony is bigger than a blue whale, the world's largest animal.
- ❖ The mega colony is a part of the *Pavona clavus* species. This species is often referred to as shoulder blade coral because its columns look like shoulders.
- ❖ Prior to this discovery, the "Big Momma" coral head near American Samoa was thought to be the world's largest coral colony.
- ❖ The Solomon Islands are a Pacific archipelago of nearly 1,000 islands, with six main islands and over 900 smaller ones, covering 461,000 sq.km.
- ❖ It is located in the southwestern Pacific Ocean. It borders Vanuatu to the southeast and Papua New Guinea to the west.



### Coral colony

- ❖ A coral colony is a group of coral polyps — small, soft invertebrate — that live and grow together. The "mega" colony is made up of nearly one billion polyps.
- ❖ Corals are animals related to jellyfish and sea anemones.

### News shorts

- ❖ Prajnesh Gunneswaran, the Indian tennis star who won a bronze medal in singles at the 2018 Jakarta Asian Games, announced his retirement from professional tennis.
- ❖ Tulsi Gabbard, an American of Hindu faith, has been appointed by US President-elect Donald Trump as the Director of National Intelligence.
- ❖ The National Mission for Clean Ganga (NMCG) is launching a special Dolphin Ambulance as part of its efforts to conserve the Ganga Dolphin.



- ❖ Australia launched the Mobility Arrangement for Talented Early-professionals Scheme (MATES) scheme, offering Indian university graduates and early professionals the chance to work in Australia for up to two years.
- ❖ The AI-RAN (Artificial Intelligence Radio Access Network) is the world's first AI and 5G telecom network pilot, launched by Nvidia and SoftBank.
- ❖ The first-ever Integrated Check Post (ICP) along the India-Bhutan border was launched at Darranga village in Assam.
- ❖ Air India Limited has become the first-ever Indian Airlines to receive Design Organisation Approval (DOA) or CAR 21 approval from the Directorate General of Civil Aviation (DGCA) to carry out modifications in aircraft interiors in-house as the Tata Group-owned airline works on revamping its fleet and expanding operations.



Important Daily Current Affairs Question

1. Which Indian tennis star recently announced his retirement from professional tennis?

- (A) Rohan Bopanna
- (B) Yuki Bhambri
- (C) Prajnesh Gunneswaran
- (D) Sumit Nagal

Answer- C

2. Which city is the most polluting globally, emitting 256 million metric tons of greenhouse gases, more than Colombia or Norway?

- (A) Beijing
- (B) New Delhi
- (C) Shanghai
- (D) Los Angeles

Answer- C

