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Cyclone Dana

- As Cyclone Dana is forecast to make landfall on October 24-25, 2024, along the coasts of West Bengal and Odisha, ICG Region (North-East) has implemented a series of preventive measures to safeguard lives and property at sea.
- The ICG has been closely monitoring the situation and has taken proactive steps to ensure preparedness for dealing with any emergency arising from the cyclone's impact.
- The ICG has mobilised its vessels and aircraft, positioning them strategically to respond swiftly to any emergency at sea.
- Cyclone Dana, expected to generate wind speeds of 100-110 kmph and gusts at 120 kmph, is a tropical cyclone. The National Disaster Management Authority (NDMA) classifies cyclones broadly into two categories: extratropical cyclones and tropical cyclones.

What is a cyclone?

 A cyclone is a large-scale system of air that rotates around the centre of a lowpressure area. It is usually accompanied by violent storms and bad weather. A cyclone is characterized by inward spiraling winds that rotate anticlockwise in the Northern Hemisphere and clockwise in the Southern Hemisphere, according to the NDMA.

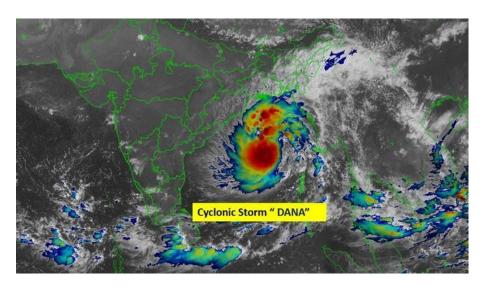
What are extratropical cyclones?

 Also known as mid-latitude cyclones, extratropical cyclones occur outside of the tropics. They have "cold air at their core and derive their energy from the release of potential energy when cold and warm air masses interact", according to the US National Oceanic and Atmospheric Administration (NOAA). It added that such cyclones always have one or more fronts — a weather system that is the boundary between two different types of air masses. One is represented by

warm air and the other by cold air — connected to them, and can occur over land or ocean.

What are tropical cyclones?

- Tropical cyclones are those which develop in the regions between the Tropics of Capricorn and Cancer. They are the most devastating storms on Earth. Such cyclones develop when "thunderstorm activity starts building close to the centre of circulation, and the strongest winds and rain are no longer in a band far from the centre," NOAA noted. The core of the storm turns warm, and the cyclone gets most of its energy from the "latent heat" released when water vapour that has evaporated from warm ocean waters condenses into liquid water, the agency added. Moreover, warm fronts or cold fronts aren't associated with tropical cyclones.
- Tropical cyclones have different names depending on their location and strength. They are known as hurricanes in the Caribbean Sea, the Gulf of Mexico, the North Atlantic Ocean, and the eastern and central North Pacific Ocean. In the western North Pacific, they are called typhoons.
- Origin: The naming of cyclones in the Indian Ocean region was initiated by WMO/ESCAP in 2000, comprising countries like Bangladesh, India, and others, with 169 names released in 2020.
- **Member countries:** Bangladesh, India, the Maldives, Myanmar, Oman, Pakistan, Sri Lanka, and Thailand.
- In 2018, Iran, Qatar, Saudi Arabia, UAE, and Yemen were added.
- **Purpose:** Naming cyclones simplifies communication, making it easier for the public, media, and authorities to track storms and prepare for them.



150th Birth Anniversary of Sardar Patel

- Amit Shah has announced that the Government of India, under the leadership of PM Narendra Modi, will commemorate 150th birth anniversary of Sardar Patel with a two-year-long nationwide celebration from 2024 to 2026.
- Patel was born on 31 October 1875, at Nadiad in Gujarat. The union government has been observing October 31 as 'Rashtriya Ekta Diwas' or National Unity Day since 2014 to foster and reinforce its dedication to preserving and strengthening the unity, integrity and security of the nation.



Turkiye: 5 Killed, 22 Injured In Terrorist Attack

 At least five people have been killed and 22 others were injured in an attack on the headquarters of Turkiye's aerospace and defence company Turkish Aerospace Industries (TUSAS) near Ankara on Wednesday.

- At the time of the attack, Turkish President Recep Tayyip Erdogan was holding talks with his Russian counterpart Vladimir Putin. Erdogan condemned what he termed a "heinous terrorist attack".
- Footage from the site of the incident broadcast by local media just after the attack that took place at 3:30 pm (local time) showed huge clouds of smoke and a large fire raging at the site in Kahramankazan.



German Chancellor Olaf Scholz to visit India

 German Chancellor Olaf Scholz will be on a 2-day visit to India at the invitation of PM Modi for the 7th Intergovernmental Consultations (IGC).

- The Chancellor will land in Delhi on the night of October 24 and meet Prime Minister Narendra Modi on October 25 at the Prime Minister's official residence, 7, Lok Kalyan Marg.
- The two leaders will then inaugurate the **18**th **Asia-Pacific Conference of German Business 2024 at Hotel Taj Palace**.
- The two leaders will hold talks to deliberate upon enhanced security and defence cooperation, greater opportunities for the mobility of talent, deeper economic cooperation, Green and Sustainable Development Partnership and collaboration in the area of emerging and strategic technologies.
- The two countries have a 'Strategic Partnership' in place since 2000, which has been further strengthened with the launch of Intergovernmental Consultations (IGC) at the level of Heads of Government.



US Says North Korea Sent At Least 3000 Soldiers Into Eastern Russia

- The White House has said that at least 3000 North Korean soldiers arrived in eastern Russia in October and are currently undergoing training there, adding there is a "highly concerning probability" they will join the fight against Ukraine.
- Kirby said that Russia is suffering extraordinary casualties every single day in its ongoing war against Ukraine. However, he noted that Russian President Vladimir Putin appears intent on continuing the conflict with Ukraine.

• To that end, the president announced today that of the USD 50 billion that the G7 committed to loan Ukraine back in June, the United States will provide a loan of USD 20 billion."



Kazan Declaration

- Global leaders during the 16th BRICS summit held in Kazan, Russia, held deliberations on various issues and came to positive conclusions. The theme of the Summit was, 'Strengthening Multilateralism for Just Global Development and Security".
- The partner states affirmed their commitment to the BRICS spirit of mutual respect and understanding, sovereign equality, solidarity, democracy, openness, inclusiveness, collaboration and consensus.
- The countries reaffirmed the need for a rules-based, open, transparent, fair, and consensus-based multilateral trading system with the World Trade Organisation (WTO) and affirmed their commitment to maintaining a strong and effective Global Financial Safety.
- The declaration stated that the member states were concerned about coercive measure like sanctions and its effect on the World Economy.

Highlights of the declaration

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ON UKRAINE

'All states should act consistently with the Purposes and Principles of the UN Charter in their entirety and interrelation'

ON WEST ASIA

'We reiterate our grave concern at the deterioration of the situation and humanitarian crisis in the Occupied Palestinian Territory, in particular the unprecedented escalation of violence in the Gaza Strip and in West Bank as a result of the Israeli military offensive'

ON WESTERN SANCTIONS

'We are deeply concerned about the disruptive effect of unlawful unilateral coercive measures, including illegal sanctions, on the world economy, international trade, and the achievement of the sustainable development goals'

ON G20



'We recognise the importance of the continued and productive functioning of the G20, based on consensus with a focus on result-oriented outcomes'

REVIEW QUESTIONS

- 1. When was Sardar Vallabhbhai Patel, India's first Home Minister, born?
- A. 31 October 1880
- B. 31 October 1875
- C. 15 August 1875
- D. 2 October 1880

ANSWER: B

- 2. What day is observed as 'Rashtriya Ekta Diwas' or National Unity Day in India?
- A. 15 August
- B. 26 January
- C. 2 October
- D. 31 October

ANSWER: D

3. Where was the 16th BRICS Summit held, and what was the theme?

- A. Delhi; "Strengthening Multilateralism for Just Global Development and Security"
- B. Kazan; "Strengthening Multilateralism for Just Global Development and Security"
- C. Moscow; "Promoting Global Peace and Development"
- D. Beijing; "Ensuring Global Stability and Security"

ANSWER: B

4. Which declaration was adopted at the conclusion of the 16th BRICS Summit?

- A. Moscow Declaration
- B. Delhi Declaration
- C. Kazan Declaration
- D. Beijing Declaration

ANSWER: C

5. What is the occasion for German Chancellor Olaf Scholz's visit to India in October 2024?

- A. Attending the BRICS Summit
- B. Inaugurating the 18th Asia-Pacific Conference of German Business
- C. Participating in the G20 Summit
- D. Attending the Intergovernmental Consultations (IGC)

ANSWER: D

6. Ugram Is A

- A. Assault Rifle
- B. Tank
- C. Helicopter
- D. Destroyer

ANSWER: A

7. Which port is also known as the New Mangalore Port?

- A. Mormugao Port
- B. Panambur Port
- C. Kandla Port
- D. Tuticorin Port

ANSWER: B

8. Which State Of India Has The 2nd Longest Coastline?

A. Gujarat

- B. Andhra Pradesh
- C. Tamil Nadu
- D. Kerala

ANSWER: B

- 9. "Freedom is not given, It. Is taken". Said By___
- A. Pandit Nehru
- B. Mahatma Gandhi
- C. Subhas Chandra Bose
- D. Bhagat Singh

ANSWER: C

10. DESERT EAGLE Exercise Conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. Maldives

ANSWER: C

11. War Cry Of THE INDIAN ARMY

- A. Bharat Mata ki Jai
- B. Vande Mataram
- C. Jai Hind
- D. All of the above

ANSWER: D

12. Major General Rank Of Indian Army Is Equivalent To Rank Of IAF Is

- A. Commander
- B. Squadron Leader
- C. Group Captain
- D. Air Vice Marshal

ANSWER: D

13. The India-Bangladesh Land Boundary Agreement (LBA) came into force in

- A. 2015
- B. 2016
- C. 2017
- D. 2018

ANSWER: A

14. Mitra Shakti Ex Held B/w India &

- A. Sri Lanka
- B. USA
- C. UK
- D. Nepal

ANSWER: A

15. __Himalayan pass is situated b/w India and China.

- A. Shenkota
- B. Thalghat
- C. Bhorghat
- D. Shipki La

ANSWER: D

16. AMCA Stands For

- A. Advanced Medium Cockpit Aircraft
- B. Advanced Medium Combat Aircraft
- C. Advanced Motor Combat Aircraft
- D. Advanced Machine Combat Aircraft

ANSWER: B

17. Wartime Gallantry Award Is/Are

- A. Param Vir Chakra
- B. Maha Vir Chakra
- C. Ashok Chakra
- D. Both a & b

ANSWER: D

18. Military College of Telecommunication Engineering Is At

- A. Gopalpur
- B. Mhow
- C. Pune
- D. Haridwar

ANSWER: B

19. "Bolo Hindustan Ki Jay" Is The War Cry Of

- A. JKRIF
- B. RR

- C. MAHAR REGIMENT
- D. JKLIR

ANSWER: C

20. "The Earth spinner" Book Written By

- A. Brisha Jain
- B. Sanjay Gubbi
- C. Hew Strachan
- D. Anuradha Roy

ANSWER: D

