

# OFFICERS IAS ACADEMY

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Daily MCQs: 29-01-2025

**1. Consider the following statements about the Karman Line:**

- 1) It is the internationally recognized boundary between Earth's atmosphere and outer space.
- 2) It is located approximately 100 kilometers above mean sea level.

**Which of the statements given above is/are correct?**

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

**2. Consider the following statements about the Indian Cyber Crime Coordination Centre (I4C)**

- 1) It is an initiative of the Ministry of Electronics and Information Technology.
- 2) It aims to create an effective framework and ecosystem for the prevention, detection, investigation, and prosecution of cybercrime in the country.

**Which of the statements given above is/are correct?**

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

**3. Consider the following statements regarding the United Nations Peacekeeping Forces:**

- 1) The United Nations Peacekeeping Forces are always composed of soldiers from the permanent members of the UN Security Council.
- 2) The first UN Peacekeeping mission was established in the Middle East.
- 3) The UN Peacekeeping Forces may only be employed when both parties to a conflict accept their presence.

**How many of the above statements are correct?**

- A) Only one
- B) Only two
- C) All three
- D) None

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**4. The primary objective of the Fugitive Economic Offenders Act, 2018 is**

- A. To deter individuals from evading the legal process in India by fleeing the country.
- B. To promote financial inclusion.
- C. To regulate non-banking financial companies.
- D. None of the above

**5. Which of the following is/are favorable conditions for formation of a tropical cyclone?**

- 1) Sea surface temperature greater than 27°C
- 2) Low wind shear
- 3) Sufficient distance from the equator to provide spin or twist.

**Select the correct answer using the codes given below**

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1,2 and 3

**Solutions:**

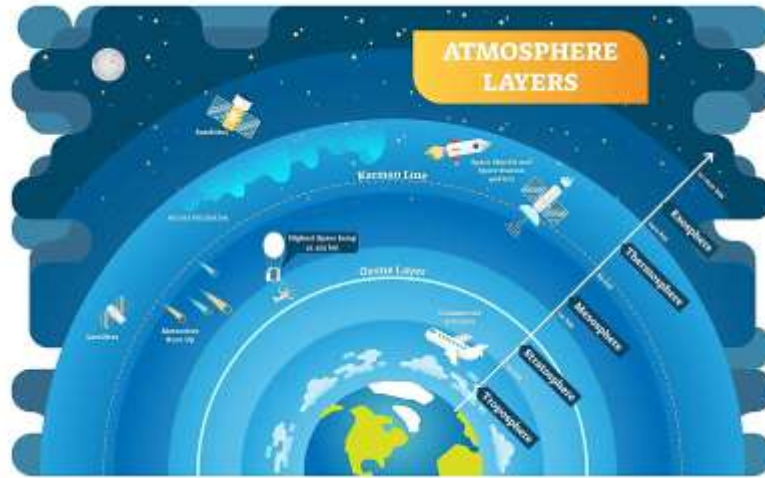
**1. Answer: C**

**Explanation**

- The Karman line is a **boundary** 62 miles (100 kilometers) above mean sea level that **borders Earth's atmosphere and the beginning of space.**
- It is widely accepted as the **boundary line separating the Earth's atmosphere from outer space.**
- The line is named after Hungarian American engineer and physicist **Theodore von Karman.**

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2. Answer: B

## Explanation

- **Statement 1 is incorrect:** Indian Cyber Crime Coordination Centre (I4C) is an **initiative of the Ministry of Home Affairs, Government of India to deal with cyber crime in the country in a coordinated and comprehensive manner.**
- **Statement 2 is correct:** The I4C works under the Union Home Ministry to create an **effective framework and ecosystem** for the **prevention, detection, investigation, and prosecution of cybercrime** in the country.
- I4C focuses on tackling all the issues related to Cybercrime for the citizens, which includes **improving coordination** between various **Law Enforcement Agencies and the stakeholders**, driving change in India's overall capability to tackle Cybercrime and to improve citizen satisfaction levels.

## Objectives of I4C

- To act as a **nodal point to curb Cybercrime** in the country.
- To **strengthen the fight against Cybercrime** committed against women and children.
- Facilitate **easy filing Cybercrime related complaints** and identifying Cybercrime trends and patterns.
- To act as an early warning system for Law Enforcement Agencies for **proactive Cybercrime prevention and detection.**
- **Awareness creation** among the public about preventing Cybercrime.

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- Assist States/UTs in capacity building of Police Officers, Public Prosecutors and Judicial Officers in the area of cyber forensic, investigation, cyber hygiene, cyber-criminology, etc.

### 3. Answer: B

#### Explanation

- The United Nations Peacekeeping Forces are employed by the UN to maintain or re-establish peace in an area of armed conflict.
- The UN may engage in conflicts between states as well as in struggles within states. The UN acts as an impartial third party in order to prepare the ground for a settlement of the issues that have provoked armed conflict.
- The **three basic principles** that guide U.N.'s Peacekeeping missions are:
  - o **Consent of the parties**
  - o **Impartiality**
  - o **Non-use of force except in self-defence and defence of the mandate.**
- **Statement 3 is correct:** The UN Peacekeeping Forces may **only be employed when both parties to a conflict accept their presence.**
- The Peacekeeping Forces are subordinate to the leadership of the United Nations. They are normally deployed as a consequence of a **UN Security Council** decision. However, on occasion, the initiative has been taken by the **General Assembly**. Operational control belongs to the **Secretary-General and his secretariat.**
- **India** has been among the largest troop-contributing countries to the U.N. peacekeeping missions.
- **Statement 2 is correct:** The first UN peacekeeping mission was a team of observers deployed to the Middle East in 1948, during the **1948 Arab-Israeli War.**
- **Statement 1 is incorrect:** Peacekeeping forces are multinational. Troops are voluntarily contributed by member states, including both permanent and non-permanent members of the Security Council, as well as countries not on the Security Council at all. In fact, the majority of troops typically come from African and Asian countries.

### 4. Answer: A

#### Explanation

The Fugitive Economic Offenders Act, 2018 (FEOA):

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- This law was enacted to **deter economic offenders** from evading the process of Indian law by **remaining outside the jurisdiction of Indian courts**. (by fleeing the country). Hence option A is correct.
- It is a law whereby the Directorate is mandated to **attach the properties of the fugitive economic offenders** who have escaped from India warranting arrest and provide for the confiscation of their properties to the Central Government.

5. Answer: D

### Explanation

#### What is a Tropical Cyclone?

- A tropical cyclone is a **rapidly rotating storm that begins over tropical oceans**, and they can vary in speed, size, and intensity.
- Tropical cyclones are also called **hurricanes or typhoons**, depending on the region.
- According to the World Meteorological Organisation (WMO), Tropical cyclones are the second-most dangerous natural hazards, after earthquakes.

#### Conditions for the formation of Tropical Cyclone

- **Statement 1 is correct:** A source of **warm, moist air** derived from tropical oceans with sea surface temperatures normally in the region of, or in excess, **of 27 °C**;
- Winds near the ocean surface blowing from different directions **converging** and causing air to rise and storm clouds to form;
- **Statement 2 is correct:** Winds which do not vary greatly with height - known as **low wind shear**. This allows the storm clouds to rise vertically to high levels;
- **Statement 3 is correct:** Sufficient distance from the equator to provide spin or twist.

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