



Daily Current Affairs Prelims Quiz 02-11-2022 (Online Prelims Test)

1) Consider the following statements with respect to Senna Spectabilis

1. It is a shrub, native to South and Central America.
2. In India it is highly invasive in Mudumalai Tiger Reserve.
3. The wood from this species is used for paper-making.

Which of the above statements are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. 1, 2 and 3

Answer : d

Senna Spectabilis

- Recently, the weed of this invasive species has a negative effect on local biodiversity, crowding out native species and limiting food availability for wildlife.
- Senna Spectabilis is an exotic species with bright yellow flowers used as firewood and native to South and Central America.
- In India this species has become highly invasive in the Sigur plateau in both the core and buffer zones of the Mudumalai Tiger Reserve (MTR).
- Sigur plateau is a plateau in the north and east of Nilgiri District Nilgiri Hills of Tamil Nadu.
- Tamil Nadu Newsprint and Papers Limited (TNPL) has planned to use wood from Senna spectabilis from the MTR for paper-making.
- Senna spectabilis, along with Lantana camara, are major invasive weeds that had taken over vast swathes of the Nilgiris.
- Lantana camara is a species of flowering plant within the verbena family, native to the American tropics.

2) Consider the following statements with respect to Mangarh Dham

1. It is situated near the Rajasthan-Gujarat border.
2. It is a set of four hindu pilgrimage sites in India.
3. This place is also referred to as the Adivasi Jallianwala Bagh.

Which of the above statement(s) is/are correct?

- a. 1 and 3 only
- b. 2 only
- c. 2 and 3 only
- d. 1, 2 and 3

Answer : a

Mangarh Dham

- Recently PM called for preparing a roadmap to develop Mangarh Dham in Rajasthan's Banswara district as a tribal destination.
- Mangarh Dham is situated near the Rajasthan-Gujarat border, is known for massacre of tribals by the British Indian Army in 1913.
- About 1,500 Bhil tribals and forest dwellers were killed at a hill in this massacre.
- The Bhil tribes are an excellent archers with deep knowledge about their local geography.
- This massacre of tribals took place six years before Jallianwalla Bagh and is sometimes referred to as the Adivasi Jallianwala.

3) Consider the following statements:

1. VIP Security protection for an individual in both the Central and State level are decided by the Ministry of Home Affairs (MHA).
2. SPG (Special Protection Group) is meant only for the Prime Minister and his immediate family.

Which of the above statement(s) is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : b

VIP securities in India

- In the case of the Centre, the decision is taken by the Ministry of Home Affairs (MHA).
- The level of security protection for an individual needs in the case of states, it is the state government.
- The assessment by the MHA or states as the case may be is made on the basis of inputs received from intelligence agencies.
- These agencies include the Intelligence Bureau and Research and Analysis Wing (RAW) at the level of the Centre, and the state intelligence department at the level of the state.
- The Protection is generally given to someone who holds a position of consequence either in the government or in civil society hence the informal description VIP security.

Types of VIP Security

- There are mainly six categories of security cover: X, Y, Y+, Z, Z+, and SPG (Special Protection Group).
- SPG is meant only for the Prime Minister and his immediate family.
- X category security usually entails one gunman protecting the individual.
- Y has one gunman for mobile security and one (plus four on rotation) for static security.
- Z has six gunmen for mobile security, and two (plus eight) for residence security.
- Y+ has two policemen (plus four on rotation) for mobile security, and one (plus four on rotation) for residence security.
- Z+ has 10 security personnel for mobile security and two (plus eight) for residence security.

4) Consider the following statements with respect to Coronal Hole

1. It is a structure which connects two disparate points in a space-time.

2. It can be seen in ultraviolet light but are invisible to our eyes.

Which of the above statement(s) is/are **incorrect**?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

Coronal Hole

- Recently, the NASA shared an image of the sun with dark patches on its surface resembling eyes and a smile.
- Coronal Holes are regions on the sun's surface from where fast solar wind gushes out into space.
- As they contain little solar material, they have lower temperatures and thus appear much darker than their surroundings.
- These 'coronal holes' are important to understanding the space environment around the earth through which our technology and astronauts travel
- NASA explained that the patches are called coronal holes, which can be seen in ultraviolet light but are typically invisible to our eyes.
- The holes are not a unique phenomenon, appearing throughout the sun's approximately 11-year solar cycle.
- It can last much longer during solar minimum.
- **Solar minimum** - A period of time when activity on the Sun is substantially diminished.

5) Consider the following statements:

- 1. The tiger reserve is located in Uttar Pradesh.
- 2. It is 53rd Tiger Reserve of India.
- 3. It is covered by northern tropical dry deciduous forests.
- 4. It is home to mammals like leopard, spotted deer etc.

Identify the Tiger Reserve using the above description:

- a. Dudhwa Tiger Reserve
- b. Valmiki Tiger Reserve
- c. Ranipur Tiger Reserve
- d. Rajaji Tiger Reserve

Answer : c

Ranipur Tiger Reserve

- The Ranipur Tiger Reserve is located in Uttar Pradesh and has become the 53rd tiger reserve of India.
- It is the fourth tiger reserve in Uttar Pradesh as the state already has three tiger reserves- Dudhwa, Pilibhit and Amangarh.
- Ranipur tiger reserve is covered by northern tropical dry deciduous forests.
- It is home to mammals like mega fauna tiger, leopard, bear, spotted deer, sambhar, chinkara among others.
- The establishment of this tiger reserve will lead to opening up of eco-tourism and the creation of immense employment opportunities.