



Daily Current Affairs Prelims Quiz 07-03-2023 (Online Prelims Test)

1) Consider the following statements with respect to Lightning

1. Lightning is a rapid and massive electrical discharge that mostly takes place within the clouds themselves.
2. It occurs on the accumulation of negative charges on the top of the cloud and positive charges gathering at the base.

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

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

Answer : a

Lightning

- Lightning is a rapid and massive electrical discharge that takes place *between storm clouds and the ground or within the clouds*.
- Lightning occurs on the accumulation of Positive charges on the top of the cloud and Negative charges gathering at the base where air is an insulator.
- In the early stages of development, air acts as an insulator between the positive and negative charges in the cloud and between the cloud and the ground.
- Positive charges accumulated on the top of the cloud whereas negative charges accumulated on the bottom of the cloud.
- When the opposite charges build up enough, this insulating capacity of the air breaks down and there is a rapid discharge of electricity that is called as lightning.
- To know more about Lightning click [here](#)

2) Consider the following statements regarding Kuno National Park

1. The park falls under the Kathiawar-Gir dry deciduous forest eco-region.
2. Kuno River, one of the lifeline of this National park, is a tributary of River Mahi.
3. The Park's forest area is mainly dominated by Kardhai, Salai, Khair trees.

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

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

Answer : c

Kuno National Park

- It is located in the Vindhyan Hills of Central India, in the State of Madhya Pradesh.
- It is a protected area and received the status of national park in 2018.
- The protected area was established in 1981 as a wildlife sanctuary.
- It is in the Khathiar-Gir dry deciduous forests ecoregion.
- The Kuno River which flows through the park originates from the **Shivpuri Plateau** and one of the main tributaries of the Chambal River.
- The Park's forest area is mainly dominated by Kardhai, Salai, Khair trees.

Click here to read about [Cheetah Reintroduction Project](#)

3) Consider the following statements about National Platform for Disaster Risk Reduction (NPDRR)

1. It is a multi-stakeholder national platform established in 2013.
2. It will be chaired by the Union Home Minister.
3. Its one of the objective is to review the National Disaster Management Policy.

Which of the statements given above are correct?

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

Answer : d

National Platform for Disaster Risk Reduction (NPDRR)

- The Government of India has constituted a multi-stakeholder National Platform for Disaster Risk Reduction (NPDRR) in 2013.
- It aims to bring together the whole range of India's disaster risk community.

Composition

- The NPDRR is chaired by the Union Home Minister and the Minister of State in-charge of Disaster Management in the Ministry of Home Affairs.
- Vice-Chairman, National Disaster Management Authority is the Vice-Chairperson of the NPDRR.

Functions

- To review the progress made in the field of disaster management from time to time.
- To review the National Disaster Management Policy.

Which of the following offices will be selected based on the recommendation of a selection committee, where the Leader of Opposition is one of the member?

1. CBI Director
2. NHRC Chairperson
3. Chairperson of Lokpal
4. Chief Information Commissioner

5. Central Vigilance Commissioner

Select the correct answer using the codes given below:

- a. 3 and 4 only
- b. 2, 3 and 4 only
- c. 1, 3, 4 and 5 only
- d. 1, 2, 3, 4 and 5

Answer : d

- The Supreme Court has recently gave a say to the Opposition in the selection of the Chief Election Commissioner and Election Commissioners.
- It ruled that these officials would be appointed by the President based on the recommendation of a committee comprising the Prime Minister, Leader of Opposition in Lok Sabha, and Chief Justice of India (CJI).
- Similar high-power panels involves the selection of:

1. The CBI Director
2. Chief Election Commissioner
3. NHRC Chairperson and members
4. CIC and Information Commissioners
5. Chairperson and Members of Lokpal
6. Central Vigilance Commissioner and Vigilance Commissioners

5) Considering the following statements with respect to H3N2 influenza

1. It is a type of influenza virus that can cause respiratory illness in humans.
2. It is also known as the Hong Kong flu and replicates the symptoms of the common cold.

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

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

Answer : c

H3N2 Influenza

H3N2, a subtype of Influenza A virus, is currently on the rise across India, with hundreds of people displaying flu and viral infection symptoms.

- H3N2 influenza, also known as the “Hong Kong flu,” is a type of influenza virus that can cause respiratory illness in humans.
- It is a subtype of the Influenza A virus and has been responsible for several influenza outbreaks in the past.
- H3N2 viruses can infect birds, mammals, humans, and pigs and the virus has mutated into many strains.
- The influenza virus has many similarities to the Covid virus, as both of them have an impact on the respiratory system.
- The currently recommended drugs for the H3N2 virus are seltamivir, zanamivir, peramivir, and baloxavir.