



UPSC CURRENT AFFAIRS MCQs 22-01-2024

Q1:

With reference to Kanger Valley National Park Consider the following statements:

- 1. It is located in Jagdalpur, in the Bastar district of Chhattisgarh state.**
- 2. The National Park derives its name from the Kanger River, which flows in its length.**
- 3. It is located on the banks of the Kholaba River, tributary of the Krishna River.**

How many of the above statements are correct?

- A:** Only one
B: Only two
C: All three
D: None

Answer: B

Explanation:

Kanger Valley National Park is indeed located in the Bastar district of Chhattisgarh, with Jagdalpur being the nearest town. Hence, statement 1 is correct

The park is named after the Kanger River, which flows through its heart. Hence, statement 2 is correct

While the Kholaba River does flow through the region, it's not located on the banks of the National Park and isn't a tributary of the Krishna River. The Kolab River actually flows eastwards and forms the border between Odisha and Chhattisgarh. Hence, statement 3 is not correct



Q2:

Consider the following statements about SIGHT Programme recently seen in news:

- 1. It includes incentives for manufacturing of electrolysers and production of green hydrogen.**
- 2. It offers a direct incentive over 3 years from the beginning of green hydrogen production.**

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: C

Explanation:

The Strategic Interventions for Green Hydrogen Transition (SIGHT) Programme is a financial measure that supports the domestic production of electrolysers and green hydrogen. It is part of India's National Green Hydrogen Mission, which was launched by the Union Ministry of New and Renewable Energy in January 2023. Hence, statement 1 is correct.

The SIGHT Programme is similar to a Production Linked Incentive (PLI) scheme for the green hydrogen sector. It offers fiscal benefits for three years for green hydrogen production and five years for electrolyser manufacturing. Hence, statement 2 is correct.

Q3:

Which of the following is not correct about Binturong which was recently in news?

- A:** It feeds mainly on fruit, such as figs, but it also takes eggs and small animals.
B: The animal looks like a cross between a cat and a bear.



C: It is native to the Western Ghats of India.

D: They are also sometimes killed for their meat or fur

Answer: C

Explanation:

Binturongs have historically been found in the Himalayas and Northeast India, their primary range encompasses Southeast Asia, including Nepal, Myanmar, Thailand, Malaysia, Indonesia, and the Philippines. They are not typically found in the Western Ghats. It is native to the tropical rainforests of South and Southeast Asia.

Binturongs are omnivores with a varied diet. It feeds mainly on fruit, such as figs, but it also takes eggs and small animals. Their shaggy fur, bear-like gait, and cat-like features contribute to this comparison. Unfortunately, Binturongs face threats from hunting and poaching for their fur and meat.

Q4:

Consider the following statements:

Statement-I:

Hydrogen is abundant in the universe, but on earth it is found in relatively small amounts.

Statement-II

It exists primarily in the form of water (H₂O), hydrocarbons and in trace amounts in the atmosphere.

Which one of the following is correct in respect of the above statements?

A: Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I

B: Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I

C: Statement-I is correct but Statement-II is incorrect

D: Statement-I is incorrect but Statement-II is correct

Answer: B

Explanation:



Although hydrogen is the most abundant element in the universe (accounting for about 75% of all matter), it is relatively less abundant on Earth due to its high reactivity. It readily combines with other elements to form compounds like water (H₂O), hydrocarbons, and minerals. Hence, Statement-I correct.

Hydrogen is primarily found on Earth in the form of water (H₂O), hydrocarbons like methane and natural gas, and in trace amounts in the atmosphere as water vapor. Hence, Statement-II correct.

Statement-II not accurately explains why hydrogen is found in relatively small amounts on Earth despite being the most abundant element in the universe.

Q5:

Which of the following crossing point from India to Bangladesh

A: Dawki-Tamabil

B: Kungthang La Pass

C: Samdrup Jongkhar

D: Panitanki-Kakarbhitta

Answer: A

Explanation:

Dawki-Tamabil: A picturesque crossing point in Meghalaya, featuring a suspension bridge over the Dawki River and a crossing point between India and Bangladesh.

Kungthang La Pass: Located in Arunachal Pradesh, this pass is mainly used for trade purposes between India and China.

Samdrup Jongkhar: A trade route in Arunachal Pradesh, connecting eastern Bhutan with India.

Panitanki-Kakarbhitta: A major trade route located in West Bengal, near Darjeeling. And a crossing point between India and Nepal.