

50 IMPORTANT TOPICS FOR PRELIMS 2023

SCHEDULE

27-03-2023	Monday	Polity	06-04-2023	Thursday	Geography
28-03-2023	Tuesday	Science	07-04-2023	Friday	Economy
29-03-2023	Wednesday	Environment	08-04-2023	Saturday	History
30-03-2023	Thursday	Geography	09-04-2023	Sunday	HOLIDAY
31-03-2023	Friday	Economy	10-04-2023	Monday	Polity
01-04-2023	Saturday	History	11-04-2023	Tuesday	Science
02-04-2023	Sunday	HOLIDAY	12-04-2023	Wednesday	Environment
03-04-2023	Monday	Polity	13-04-2023	Thursday	IR
04-04-2023	Tuesday	Science	14-04-2023	Friday	Economy
05-04-2023	Wednesday	Environment	15-04-2023	Saturday	Schemes

Starting from **27th March** 2023 on YouTube Channel



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Pre-Mix – 5 MCQs for Prelims

Subject – Environment & D.M.

Date – 24th March 2023

1. Consider the following drugs which are toxic to Vultures

1. Diclofenac
2. Ketoprofen
3. Flunixin
4. Meloxicam

Which of the above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 1, 2 and 3 only
- D. All of the above

2. Consider the following statements regarding Budget 2023:

1. **Central excise duty exemption has also been** provided to CBG that's blended with natural gas.
2. Gobardhan scheme aims to augment the income of farmers by converting biodegradable waste into compressed biogas (CBG).

Which of the above statements is/are correct?

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

3. Consider the following statements related to Biodiversity in India

1. India is one of the 17 Megadiverse countries in the world.
2. India ranks eighth in the world and fourth in Asia among the mega-diverse countries in the world.

Which of the above statements is/are correct?

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

4. Which of the following statements correctly defines the levelized cost of hydrogen?

1. It is a variable that indicates how much it costs to produce 1 kg of Green Hydrogen.
2. It takes into account the estimated costs of the investment required and the cost of operating the assets involved in its production.
3. It includes the storage and transportation costs also.

Choose the correct option from below:

- A. 1 and 3 only
- B. 2 and 3 only
- C. 1 and 2 only
- D. All the statements are correct

5. Consider the following statements regarding Transition bonds

1. Transition bonds enable entities that would otherwise not qualify to issue green bonds to obtain sustainability-related financing.
2. They act as bridge between green and brown finance.

Which of the above is/are incorrect

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

Answers with Explanations

Click [here](#) to watch the following topics on YouTube.

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Answer : C

Explanation

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- D. Neither 1 nor 2

Answer : C

Explanation

- In the budget, a central excise duty

exemption has also been provided to CBG that's blended with natural gas. CBG comes under the ambit of the goods and services tax (GST) but companies end up paying central excise duty as well when they blend the biogas with compressed natural gas (CNG) for further sale since natural gas is not covered by GST. This leads to double taxation, which the budget aims to address.

- 500 new 'waste to wealth' plants for promoting a circular economy with a total investment of Rs 10,000 crore under the GOBAR-Dhan scheme in her budget speech in the Parliament on February 1, 2023.
- Of the 500 new plants announced, 200 will be compressed biogas plants (CBG), including 75 in cities and the remaining 300 will be community or cluster-based plants.

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- B. 2 and 3 only
- C. 1 and 2 only
- D. All the statements are correct

Answer : C

Explanation

- The levelized cost of hydrogen (LCOH) is a methodology used to account for all of the capital and operating costs of producing hydrogen and therefore enables different production routes to be compared on a similar basis. The same methodology is applied for electricity production, energy storage etc. The LCOH doesn't include H₂ storage and transport costs which may be required depending upon the application.

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2. They act as bridge between green and brown finance.

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- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

Answer : C

Explanation

- Globally, the industrial sector accounts for nearly 30 per cent of greenhouse gas (GHG) emissions and India is no different. And maintaining the 2°C temperature goal, as envisaged in the 2015 Paris Agreement, requires transitioning this sector.
- If you consider hard-to-abate industries such as shipping and aviation, chemicals, steel, and cement, decarbonisation is a complex process, and transformation happens in a series of phases. Such brown industries require major investments to achieve any significant reduction in emissions.
- To add to this, traditional forms of sustainable finance usually do not classify investments in these business activities as "green." And this is where transition bonds come in.
- Transition bond is a class of debt instruments that maintain the transparency and rigour that characterise green bonds but are designed to be more inclusive in their standards.

- Unlike green bonds that are earmarked to raise money for climate and environmental projects, transition bonds can be issued by firms aspiring to reduce their GHG emissions. In other words, these bonds enable entities that would otherwise not qualify to issue green bonds to obtain sustainability-related financing.

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