



## Day 3

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### UNFCCC COPs

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In the light of rapid climate change and efforts to mitigate the change, the climate conventions such as UNFCCC remain a very important topic for UPSC. Also, several questions on UNFCCC have been repeatedly asked in the successive years. So there is a fair bit of chance that the question can be asked on this topic. One can find all streamlined and exam oriented information in the following links:

### Previous Year Questions on UNFCCC

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Q. With reference to the Agreement at the UNFCCC Meeting in Paris in 2015, which of the following statements is/are correct? (2016)

1. The Agreement was signed by all the member countries of the UN and it will go into effect in 2017.
2. The Agreement aims to limit the greenhouse gas emissions so that the rise in average global temperature by the end of this century does not exceed 2°C or even 1.5°C above pre industrial levels.
3. Developed countries acknowledged their historical responsibility in global warming and committed to donate \$ 1000 billion a year from 2020 to help developing countries to cope with climate change.

Select the correct answer using the code given below:

(a) 1 and 3 only

**(b) 2 only**

(c) 2 and 3 only

(d) 1, 2 and 3

Q. Consider the following pairs: (2016)

<b>Terms sometimes</b>	<b>Their origin seen in the news</b>
1. Annex-I Countries	— Cartagena Protocol
2. Certified Emissions Reductions	— Nagoya Protocol
3. Clean Development Mechanism	— Kyoto Protocol

Which of the pairs given above is/are correctly matched?

(a) 1 and 2 only

(b) 2 and 3 only

**(c) 3 only**

(d) 1, 2 and 3

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Q. The term ‘Intended Nationally Determined Contributions’ is sometimes seen in the news in the context of : (2016)

(a) pledges made by the European countries to rehabilitate refugees from the war-affected Middle East.

**(b) plan of action outlined by the countries of the world to combat climate change.**

(c) capital contributed by the member countries in the establishment of Asian Infrastructure Investment Bank.

(d) plan of action outlined by the countries of the world regarding Sustainable Development Goals.

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Q. With reference to ‘Global Environment Facility’, which of the following statements is/are correct? (2014)

**(a) It serves as a financial mechanism for ‘Convention on Biological Diversity’ and ‘United Nations Framework Convention on Climate Change’.**

(b) It undertakes scientific research on environmental issues at global level.

(c) It is an agency under OECD to facilitate the transfer of technology and funds to underdeveloped countries with specific aim to protect their environment.

(d) Both (a) and (b)

## Carbon Sequestration

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There has been a trend that quite often UPSC asks about the latest mitigation techniques to curb carbon emissions. In this context, **Carbon sequestration** is one such technique that becomes very important for this year's prelims. This can be depicted from the previous year questions. One can find all streamlined and exam oriented information in the following links:

- [Carbon Sequestration](#)
- [EU Green Deal](#)
- [Role of Forest in Climate Change](#)
- [Fall in Global Carbon Emissions](#)
- [CO2 Level Hit Record High](#)
- [Definition, Methods, & Climate Change: Carbon Sequestration](#)
- [Species-rich Forests Offer Stable Carbon Capture](#)

## Previous Year Questions on Carbon Sequestration

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Q. In the context of mitigating the impending global warming due to anthropogenic emissions of carbon dioxide, which of the following can be the potential sites for carbon sequestration? (2017)

1. Abandoned and uneconomic coal seams.
2. Depleted oil and gas reservoirs.
3. Subterranean deep saline formations.

Select the correct answer using the code given below:

(a) 1 and 2 only

(b) 3 only

(c) 1 and 3 only

**(d) 1, 2 and 3**

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Q. Consider the following agricultural practices: (2012)

1. Contour bunding

2. Relay cropping
3. Zero tillage

In the context of global climate change, which of the above helps/help in carbon sequestration/storage in the soil?

(a) 1 and 2 only

**(b) 3 only**

(c) 1, 2 and 3

(d) None of them

## Organic Farming

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India has great potential to grow crops organically and can become a major supplier of organic products in the world. Recently, Sikkim became the first 'Organic state' in India. In this context, organic farming is one of the important topics for this year from the prelims point of view. One can find all streamlined and exam oriented information in the following links:

- **[Organic Food Regulatory System in India](#)**
- **[Zero-Budget Natural Farming](#)**
- **[Climate smart agriculture - Audio Article](#)**
- **[Definition, History, Methods, & Benefits: Organic farming](#)**
- **[Organic farming and Carbon sequestration](#)**

## Previous Year Questions on Organic Farming

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Q. In India, the use of carbofuran, methyl parathion, phorate and triazophos is viewed with apprehension. These chemicals are used as: (2019)

(a) pesticides in agriculture

(b) preservatives in processed foods

(c) fruit-ripening agents

**(d) moisturising agents in cosmetics**

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Q. With references to organic farming in India, consider the following statements: (2018)

1. 'The National Programme for Organic Production' (NPOP) is operated under the guidelines and directions of the Union Ministry of Rural Development.

2. 'The Agricultural and Processed Food Products Export Development Authority' (APEDA) functions as the Secretariat for the implementation of NPOP.
3. Sikkim has become India's first fully organic State.

Which of the statements given above is/are correct?

(a) 1 and 2 only

**(b) 2 and 3 only**

(c) 3 only

(d) 1, 2 and 3

## MSME Sector

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Due to its huge contribution to the Indian economy, the MSME sector is called the growth engine of the nation. Also, a slew of reforms has been initiated by the government under **Atma Nirbhar Bharat Abhiyan** to help sustain the MSME sector. Along with this, **a new definition of the MSMEs** has been adopted by the government. So there is a fair bit of chance that the question can be asked on the MSMEs. One can find all streamlined and exam oriented information in the following links:

- [\*\*Role of MSMEs in Indian Economy\*\*](#)
- [\*\*Micro, Small and Medium Enterprises \(MSME\)\*\*](#)
- [\*\*MSMEs and Covid-19\*\*](#)
- [\*\*MSME Sector: Underutilised Engine of Growth\*\*](#)
- [\*\*ReStart Programme for MSMEs\*\*](#)
- [\*\*RBI Panel's Recommendations on MSME\*\*](#)
- [\*\*Support and Outreach Initiative for MSME Sector\*\*](#)
- [\*\*MSMEs Loans to Get 'Risk-Free' Tag\*\*](#)
- [\*\*Going Beyond The Credit Requirements of MSMEs\*\*](#)
- [\*\*The Elixir for MSMEs: Access to Credit\*\*](#)
- [\*\*International MSME Day\*\*](#)
- [\*\*Policy on Credit Rating for MSMEs\*\*](#)
- [\*\*World Bank's Support to India for MSMEs\*\*](#)

## Previous Year Questions on MSME Sector

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Q. Atal Innovation Mission is set up under the: (2019)

(a) Department of Science and Technology

(b) Ministry of Labour and Employment

**(c) NITI Aayog**

(d) Ministry of Skill Development and Entrepreneurship

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Q. What is/are the recent policy initiative(s) of Government of India to promote the growth of manufacturing sector? (2012)

1. Setting up of National Investment and Manufacturing Zones
2. Providing the benefit of 'single window clearance'
3. Establishing the Technology Acquisition and Development Fund

Select the correct answer using the codes given below:

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3**
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Q. Which of the following can aid in furthering the Government's objective of inclusive growth? (2011)

1. Promoting Self-Help Groups
2. Promoting Micro, Small and Medium Enterprises
3. Implementing the Right to Education Act

Select the correct answer using the codes given below:

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3**
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Q. Priority Sector Lending by banks in India constitutes the lending to: (2013)

- (a) agriculture
- (b) micro and small enterprises

(c) weaker sections

**(d) All of the above**

## Cropping Pattern in India

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Multiplicity of cropping systems has been one of main features of Indian agriculture and it is attributed to Rain-fed agriculture and prevailing socio-economic situations of farming communities. This is also an important topic for prelims point this year. One can find all streamlined and exam oriented information in the following links:

### Previous Year Questions on Cropping Pattern in India

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Q. Consider the following agricultural practices: (2012)

1. Contour bunding
2. Relay cropping
3. Zero tillage

In the context of global climate change, which of the above helps/help in carbon sequestration/storage in the soil?

(a) 1 and 2 only

**(b) 3 only**

(c) 1, 2 and 3

(d) None of them

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Q. Consider the following crops: (2013)

1. Cotton
2. Groundnut
3. Rice
4. Wheat

Which of these are Kharif crops?

(a) 1 and 4

(b) 2 and 3 only

**(c) 1, 2 and 3**

(d) 2, 3 and 4