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[Adoption Procedure in India](#)



Context:

Recently, District Magistrates (DM) have been empowered to give adoption orders instead of courts.

Relevance:

GS II: Government Policies and Interventions

Dimensions of the Article:

1. Juvenile Justice (Care and Protection of Children) Act, 2015
2. What do the amended rules say?
3. Concern over the revised rules
4. Adoption procedure in India
5. What are the challenges?

Click Here To Read More: [Adoption Procedure in India](#)

[Indira Gandhi Urban Employment Guarantee Scheme](#)

Context:

The Indira Gandhi Urban Employment Guarantee Scheme has rolled out in Rajasthan with the objective of providing economic support to the poor and needy families living in the cities through work to be provided on demand for 100 days in a year.

Relevance:

GS II: Government policies and Interventions



Dimensions of the Article:

1. Who are eligible to get jobs?
2. What are the categories of tasks?
3. Are similar schemes operative in other States?

Click Here To Read More: [Indira Gandhi Urban Employment Guarantee Scheme](#)

[Indo-Pacific Economic Framework](#)

Context:

Recently speaking at a press conference after the Indo-Pacific Economic Framework (IPEF) Ministerial meeting in Los Angeles in the US, Minister of Commerce & Industry said , India has agreed to three pillars relating to supply chains: tax, anti-corruption and clean energy, but the fourth pillar on data and privacy is yet to be completely agreed upon.

Relevance:

GS II: International Relations

Dimensions of the Article:

1. About IPEF
2. Reasons for creation of IPEF
3. What are some of the concerns?

Click Here To Read More: [Indo-Pacific Economic Framework](#)

[Electronic Nicotine Delivery Systems \(ENDS\)](#)



Context:

Recently, Juul Inc, a dominant player in the e-cigarette or Electronic Nicotine Delivery Systems (ENDS) market, agreed to pay \$438.5 million to settle claims by 34 US states and territories which said its marketing led to an increase in teenage vaping.

Relevance:

GS II: Government Policies and Interventions

Dimensions of the Article:

1. What are electronic nicotine delivery systems (ENDS)?
2. What is the legal status of the e-cigarette market in India?

Click Here To Read More: [Electronic Nicotine Delivery Systems \(ENDS\)](#)

[Why Forecasting Cloudbursts is a challenge?](#)

Context:

Cloudbursts — violent and voluminous amounts of rain pouring down in a short duration over a small area — have been reported since the mid-19th century.

- Yet, the characteristics of these events remain elusive, and our efforts in monitoring and forecasting them is at an embryonic stage.



Causal Factor: Strong monsoon wind surges along the coast can result in cloudbursts. • SPECIAL ARRANGEMENT

Why forecasting cloudbursts is a challenge

Efforts to monitor and forecast cloudbursts are still at a nascent stage

1 As per the IMD definition, over **100 mm of rainfall in one hour** is called a cloudburst. It usually occurs over a small geographical region (20-30 sq. km)

2 Rainfall of 100 mm per hour translates to **100 litres for every square metre** where a cloudburst occurs. For a small region of 20 sq. km, it is about **two billion litres of water** in an hour

3 Tall cumulonimbus clouds causing cloudbursts can develop quickly (in about **30 minutes**) as the moisture

updraft happens rapidly – 60-120 km/hr

4 Cloudbursts occur mostly over the rugged terrains over **the Himalayas, Western Ghats**, and northeastern hill States of India

5 In India, cloudbursts often occur during the monsoon season, when the **SW monsoon winds bring in** copious amounts of moisture inland

6 Satellites fail to detect cloudburst systems as the **resolution of the**

precipitation radars are much smaller than the area of individual cloudburst events

7 Multiple doppler weather radars can **monitor moving cloud droplets** and help to provide forecast for the next three hours. But **radars are expensive** and installing them widely may not be feasible

8 The change in monsoon extremes and cloudbursts are in response to the **1-degree Celsius rise** in global surface temperature

Relevance:

GS-I: Geography (Physical Geography, Climatology, Important Geophysical phenomena), GS-III: Environment and Ecology (Climate Change and its effects), GS-III: Disaster Management

Dimensions of the Article:

1. What is a Cloudburst?
2. Why do cloudbursts happen only in the mountains and hilly areas?
3. Why does cloudburst cause so many deaths?

Click Here To Read More: [Why Forecasting Cloudbursts is a challenge?](#)



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