



# Artificial Intelligence Safety Summit 2023

**For Prelims:** [Artificial Intelligence](#), Frontier AI, [Ethical AI](#), Bletchley Park, Bletchley Park Declaration

**For Mains:** Science and Technology- Developments and their Applications and Effects in Everyday Life, Awareness in the fields of IT , Disadvantages of AI, Applications of AI

**Source:** [IE](#)

## Why in News?

The **Artificial Intelligence (AI) Safety Summit 2023 held at Bletchley Park, England** has marked a significant turning point in the global approach to tackling the **challenges posed by frontier AI technologies**.

- To tackle these challenges, 28 major countries, including the United States, China, India, and the **European Union**, signed the **Bletchley Park Declaration** at this first-ever AI Safety Summit.
- This landmark declaration seeks to create a collective understanding and coordinated approach to address the potential risks and benefits of **advanced AI systems, known as frontier AI**.

## Note

- Frontier AI is defined as **highly capable foundation generative AI models** that can produce realistic and convincing outputs, such as text, images, audio, or video, on demand.

## What are the Key Highlights of Artificial Intelligence Safety Summit 2023?

- **Bletchley Park Declaration:**
  - The Bletchley Park Declaration is the first global pact on tackling frontier AI risks, and it reflects a high-level political consensus and **commitment among the major AI players in the world**.
  - It acknowledges the **potential of AI to enhance human well-being** but also recognizes the **risks posed by AI, especially frontier AI**, which may cause serious harm, either deliberate or unintentional, particularly in domains like cybersecurity, biotechnology, and disinformation.
  - It emphasizes the need for **international cooperation to address AI-related risks**, as they are inherently global, and calls for collaboration among all actors, including companies, civil society, and academia.
  - The declaration also announces the establishment of a regular AI Safety Summit, which will provide a platform for **dialogue and collaboration on frontier AI safety**.
    - The **next summit will be hosted by France** within a year, and South Korea will co-host a mini virtual AI summit in the next six months.

▪ **India's Stance at the Summit:**

- India has shifted from a stance of not considering AI regulation to actively **formulating regulations based on a risk-based, user-harm approach.**
  - India called for a global framework for the expansion of **"ethical" AI tools**, signaling a commitment to responsible AI usage.
- India has shown interest in **establishing regulatory bodies at both domestic and international levels** to ensure the responsible use of AI.
- **Digital India Act, 2023** which is yet to Implement, is expected to introduce issue-specific regulations for online intermediaries, including **AI-based platforms.**

## Key Facts About Bletchley Park

- Bletchley Park is located approximately 80 km north of London in Buckinghamshire, England.
  - During **World War II**, it served as the main site for the **British Government Code and Cypher School (GC&CS).**
    - Bletchley Park during the war, worked on deciphering enemy messages.
  - The **Turing Bombe**, developed at Bletchley Park, is renowned for its pivotal role in breaking the **supposedly unbreakable German Enigma code.**
    - This electro-mechanical device significantly accelerated the code breaking process, contributing to the Allies' success during World War II.
  - Bletchley Park also developed the **Colossus machine**, often regarded as the world's first programmable electronic digital computer.
  - The principles and innovations developed at Bletchley Park continue to influence **modern computing and artificial intelligence.**
  - Bletchley Park is now a museum and a historic site, attracting visitors interested in its wartime history and contributions.

## UPSC Civil Services Examination, Previous Year Questions (PYQs)

### Prelims

**Q. With the present state of development, Artificial Intelligence can effectively do which of the following? (2020)**

1. Bring down electricity consumption in industrial units
2. Create meaningful short stories and songs
3. Disease diagnosis
4. Text-to-Speech Conversion
5. Wireless transmission of electrical energy

**Select the correct answer using the code given below:**

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

**Ans: (b)**

**Q. Consider the following pairs: (2018)**

	Terms sometimes seen in news	Context/Topic

1.	Belle II experiment	Artificial Intelligence
2.	Blockchain technology	Digital/ Cryptocurrency
3.	CRISPR - Cas9	Particle Physics

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

- (a) 1 and 3 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

**Ans: (b)**

**Mains:**

**Q.** What are the main socio-economic implications arising out of the development of IT industries in major cities of India? **(2021)**

PDF Reference URL: <https://www.drishtiias.com/printpdf/artificial-intelligence-safety-summit-2023>

