



## GPT-4

### Why in News?

OpenAI has recently launched its [ChatGPT Plus subscription for Indian users](#), providing them with early access to the latest language model **GPT-4**.

- This move comes at a time when tech giants are **competing to offer the best [generative AI](#) to the customers**.

### How is GPT 4 Different from Other Previous Models?

- According to OpenAI, **GPT-4 is more advanced than its predecessors** when it comes to **creativity, visual comprehension and context**.
  - It also possesses the ability to collaborate with users on various creative projects, including music, **screenplays, technical writing**, etc.
- It can process up to **25,000 words of text and facilitate extended** conversations.
- **GPT-4 can encompass more than just text** – it also accepts images as input.
  - On the contrary, **GPT-3 and GPT-3.5 only operated in one modality, text, allowing users only to ask questions by typing** them out.
- GPT-4 is **more multilingual** and OpenAI has demonstrated that **it outperforms GPT-3.5 and other Large Language Models (LLMs)** by accurately answering thousands of multiple-choice across 26 languages.
  - It handles English best with an 85.5% accuracy, but Indian languages like Telugu aren't too far behind either, at 71.4%.

### What is ChatGPT?

- ChatGPT is a **variant of GPT ([Generative Pre-trained Transformer](#))** which is a large-scale neural network-based language model developed by OpenAI.
- GPT models are trained on vast amounts of text data to generate human-like text.
  - It can generate responses to a wide range of topics, such as answering questions, providing explanations, and engaging in conversations.
  - In addition to being able to **"admit its mistakes, challenge false premises, and refuse unsuitable requests,"** the ChatGPT can also "answer follow-up questions."
- The chatbot was also trained using [Reinforcement Learning from Human Feedback \(RLHF\)](#).

## UPSC Civil Services Examination, Previous Year Question (PYQ)

**Q1. 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)**

**Source: IE**

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