

GS-III Science and Technology- Developments and their Applications and Effects in Everyday Life.

1. The promise of AI is immense, but it must be supported by strong Ecosystem.

Explain.

Why this Question?

- Most organisations today acknowledge that Artificial Intelligence (AI) has the potential to solve complex problems at scale, enhance efficiency and Optimise Costs.

Key Demands of Question:

- Explain what Artificial Intelligence is and mention its potential across the different sectors of the economy.
- List out the challenges pertaining to the Artificial Intelligence in India.
- Explain the way forward measures to realise the full potential of Artificial Intelligence.

Directive Word:

Explain:

- Here the student should clearly express why something happens, or why something is the way it is. He needs to look at a subject in depth taking note of the detail and if appropriate, consider the implications, and should explain them in good simple language.

Structure of Answer:

Introduction:

- Give intro about the Artificial Intelligence and their emergence in the 4th Industrial Revolution.

Body:

- Explain the potential of the Artificial Intelligence across the different sectors of the economy.
- Explain how it contributes to the socio-economic development of the Nation.
- Explain the strong ecosystem needed to realise the full potential of the Artificial Intelligence. For example, Right policy regarding AI, Strong Organisation Support, Financial support etc.
- Explain any government Initiative in this regard. For example, Niti Aayog Strategies.

Conclusion:

- Conclude with the importance of the Artificial Intelligence to realise the 5 trillion economy and Sustainable Development.