

# U.P.S.C.

Explore the various areas related to Artificial Intelligence which has the power to completely transform the high-tech industry (100 words)

Ans: → Artificial Intelligence (AI) is an emerging technology that facilitates intelligence and human capabilities of sense, comprehend and act with the use of machines

Areas Related to AI: Technologies

that use AI are to transform industry

① Machine Learning: machine learning (ML) cost and time to train has reduced due to AI

② Robotic Arms :- Efficient use of AI in robotic arms has led to decline in price, in term industries are using robotic arms

③ Rising adoption of 5G and its integration with AI will enhance and improve customer experience

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- ④ Increasing demand of streaming content gaming increases demand of AI
- ⑤ Smart devices, edge computing, shift to service / subscription business model led the increased integration with AI
- ⑥ AI is helping the industry to meet the growing demand customer centric.
- ⑦ Meta, Amazon, Microsoft, Netflix, Apple are leveraging AI to improve customer experience.
- ⑧ AI is used in digitisation of value chain, governance, & other areas.

AI has power to transform the industry towards Industrial Revolution 4.0 by enabling small industry efficient. But, there should be trade off between AI mechanization and manual labour to check unemployment.