

# Philosophical Aspects of Artificial Intelligence

## Topics covered -

1. Introduction: What is AI, Foundations of AI & AI Application Areas.
2. Weak & Strong AI: Can Machines Act Intelligently? Can Machines Really Think?
3. AI: Current Issues and Future Directions
4. Ethics & Risks of Developing AI
5. Men and Machines: Cybernetics, The Identity of the Person: Cyber Men, The Ultimate Difference: Emotion and Faith.

## Question types -

1. Cite the four kinds of definitions of AI.
2. Explain the definition of AI as 'acting humanly'.
3. Describe AI as rational agent approach.
4. Briefly outline the philosophical questions that are concerned with AI.
5. Briefly discuss the major applications of AI.
6. What is turing test? Why it is a common topic in AI?
7. What is 'weak AI'? Discuss the argument from disability?
8. Is strong AI supportable on basis of the argument from informality?
9. Can machines really think? Give arguments against it?
10. Distinguish weak AI from strong AI.
11. Explain 'brain in a vat' as a thought experiment.

12. Discuss Moravec-Searle debate on the brain prosthesis experiment.
13. Portrait the Chinese room thought experiment of John Searle.
14. What are the socio-ethical problems of developing AI.
15. Does the concept of 'cyber men' is very much like the ancient slavery system? Give your opinion concerning the identity of the person.
16. What are the 3 laws given for the robots? According to the science fiction movie ' I Robot' show the rational outcomes of these laws?
17. What makes 'men' men? Show the ultimate difference between men and machines.