

Define in your own words: (a) intelligence, (b) artificial intelligence, (c) agent, (d) rationality, (e) logical reasoning.

(a) Intelligence is the ability to achieve goals.

(b) Artificial Intelligence is the ability of engineered systems to achieve goals.

(c) Agent is one that acts.

(d) Rationality is figuring out the right decision given some preferences and goals.

(e) Logical reasoning is a systematic way to make conclusions or inferences from given premises using a set of rules.