Quiz #1. Foundations of AI

How do logic and probability theory contribute to AI?

What is a syllogism? Give some particular example.

How does research in economics relate to AI?

Why are computers so important for AI?

Describe inverse Turing test.

What is the difference between cybernetics and AI?

Why did AI research in golden era look so promising? Which methods were used?

What was Minski's major critique of perceptron?

What were the major reasons for first AI winter?

What is an expert system? What differentiates expert systems from micro-worlds? What were major weaknesses of expert systems?

What were the major reasons for second AI winter?

What is the difference between rational agent and omniscient agent?

Assume Mars rovers Spirit and Opportunity. Do they operate in a multi-agent environment?

Assume the game of chess. Is it fully or partially observable environment? Is it static or dynamic environment?

Give some example of an episodic environment.

What is AIMA?

What is Libratus?