

Intelligent Agents Review

Artificial Intelligence

1. Define agent.

2. Define environment in the context of (intelligent) agents.

3. Define rational agent.

4. Draw a general block diagram of an agent and its environment.

5. Describe the PEAS model of task environments.

6. Describe the seven essential properties of task environments.

7. Describe the four basic kinds of agent programs.

8. Discuss the relationships between goals, performance measures and utilities.

9. Describe the three main kinds of environment state representation and give an example of each.