(Ch. 2: Intelligent agails: This A How agents should act: is from the text - A rational agent is one that does the right thing. book ausl not from - Agents interact with environments through sensors and effectors. the Slidgel I AWhat is rational at any given time depends on 4 things: 1) The performance measure that defines the degree of success 2) Everything that the agent has perceived so fair it's called the percept sequence. 3) What the agent Knows about the environment (4) The actions the agent performs.

A The ideal rational agent: - For each possible percept sequence,
the agent should do what ever action
is expected to maximize it's performance
measure, on the basis of the evidence
provided by the percept sequence. * PEAS:-This is from - To design a rational agent, we must specify the bash environment. Slide = Environment Actuators Senson measure * Environment types: The environment -Observable - Stende is type determine the design of the agent. - Deterministic -> and - Episodic -> static -> - static -> - static -> -The real world is -Discrete -> élès partially observable, - Single-Agent -> sale JE stochastic, sequential, dynamies continues,

