1) Define

a) intelligence

The ability to acquire and apply knowledge and skills.

b) artificial intelligence

Artificial intelligence (AI) is the ability of a computer or a robot controlled by a computer to do tasks that are usually done by humans because they require human intelligence and discernment.

c) agent

AI assistants, like Alexa and Siri, are examples of intelligent agents as they use sensors to perceive a request made by the user and the automatically collect data from the internet without the user's help. They can be used to gather information about its perceived environment such as weather and time.

d) rationality

Rationality means that an AI agent is assumed to take account of available information and uncertainty, potential costs and benefits, and to act consistently (logically) in choosing the best action.

e) logical reasoning

Logical reasoning is a form of thinking in which premises and relations between premises are used in a rigorous manner to infer conclusions that are entailed (or implied) by the premises and the relations. Different forms of logical reasoning are recognized in philosophy of science and artificial intelligence.

2) How could introspection reporting on one’s inner thoughts be inaccurate? Could I be wrong about what I’m thinking? Discuss.

Yes. Introspection is about self-observation, desires, sensations and one’s conscious inner thoughts. Introspection is the process of trying or tries to attain our own thoughts through psychological experiments.

If the inner thought is precise and conclusive it is possible to implement those thoughts in the real world. One has to take conscious awareness of some of your thoughts, but the majority remains inconclusive in their thoughts.