

Intelligence	Intelligence: “ability to learn, understand and think”
Limited Rationality	Acting appropriately when there is not enough time to do all the computations one might like.
Physical symbol systems hypothesis	A physical symbol system has the necessary and sufficient means for general intelligent action.
Agent	An agent is just something that acts directly or indirectly with some objective

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National University of Computer & Emerging Sciences
Artificial Intelligence (CS401)

Quiz#1

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Question No. 1 Indicate whether True or False

1. The “Acting Humanly” approach to AI tries to model how human thinks about a problem solving. **False**
2. Turing Test is a litmus test for machine exhibiting human level intelligence. **True**
3. Chinese Room Argument is a challenge for AI researches that follow “Acting Humanly” approach. **True**
4. A machine to pass Total Turing Test it would need knowledge representation and machine learning capabilities. **False**
5. The “Thinking Rationally’ approach is based on modeling thoughts in mathematical logic. **True**
6. A rational agent is one that acts so as to achieve the best outcome in uncertainty. **False**
7. A Turing machine is capable of computing all non-computable function. **False**
8. Cognitive psychology views the brain as an information-processing device. **True**
9. Understanding language requires an understanding of the structure of sentences. **False**
10. Different people approach AI with different goals in mind. **True**

Question No. 2 Define the following terms? [2.5X4]

Artificial Intelligence	AI is the study/science of how to make computers/machine make things which at the moment people (human) do better.
Rationality	Rationality is defined as making the right decision under a given problem with all available knowledge.
Knowledge Representation	Knowledge representation is a scheme of storing pieces of information such that it can be used in any action.(information in action is knowledge)
Agent	An agent is just something that acts directly or indirectly with some objective