

Final term of CS607 on 05-03-2015

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What type of knowledge would you perceive from the given statement

"the knowledge that blood pressure is more important for diagnosing a medical condition than eye color" 2Marks

Which topic in artificial intelligence deals with the concept of partial truth and membership function? 2Marks

In context of neural networks, which term is best suited for a situation, in which several weak signals are converted into a single strong/large one? 2Marks

How can you elaborate the term "planning" in context of problem solving? 2marks

List any three advantages of artificial neural networks. 3Marks

Name three components of action predicates used in planning system. 3Marks

"genetic algorithm is inspired by the structure and or functional aspects of biological neural networks and it consists of an interconnected group of artificial neurons"
do you agree. Give reason to support your answer. 3Marks

A classical set in a container which does not wholly include or wholly exclude any given element. Do you agree with the statement? give reason to support your answer 3Marks

Which design phase of artificial neural network is best suited for a situation where we use part of training data ensure better results and avoid over fitting? 5Marks

Muhammad iqbal is the owner of a company which provides Expert system solution. Note that there are different stages in expert system development life cycle (ESDLC). write the general stages of ESDLC. 5Marks

Name the five parts of fuzzy inference process. 5Marks

Elaborate the ID3 algorithm to find the decision trees for learning problem. 5marks