20SCS2050 - Quiz 18(6 Points)

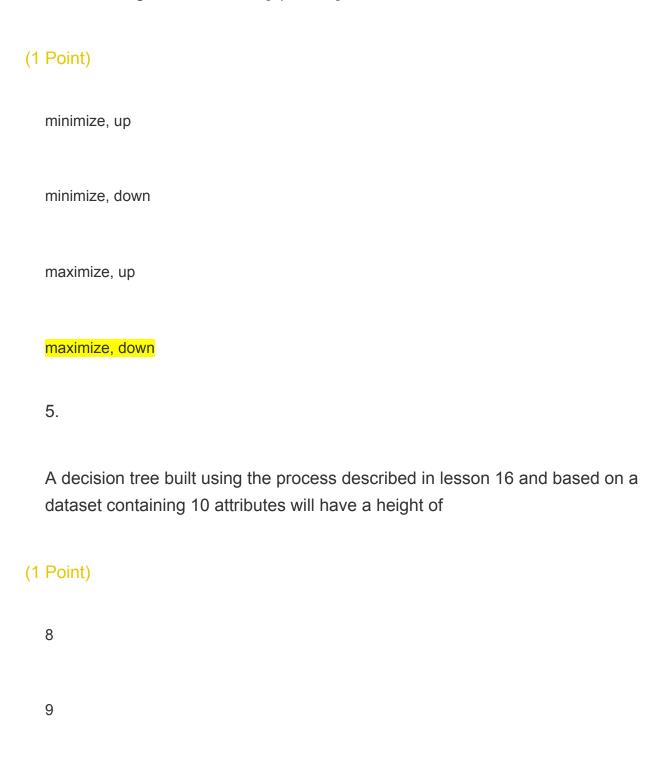
1. The higher the entropy ... (1 Point) the more disperse are the values in the collection the more uniform are the values in the collection the more similar are the values in the collection the more consistent are the values int the collection 2. A zero entropy means that ... (1 Point)

all values in the collection are different

	the collection is divided in 2 homogeneous groups
	the collection has a very large number of distinct elements
	3.
	Decision nodes in a decision tree are
(1	Point)
	internal nodes containing decision-like expressions
	leaf nodes containing decision-like expressions
	internal nodes containing target data
	leaf nodes containing target data
	4.

all values in the collection are the same

The process of building a decision tree tries to [minimize/maximize] the information gain as it moves [up/down] the tree



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6.

According to the process of building a decision tree described in lesson 16, each attribute from the dataset can only be used once

(1 Point)

true

false