

# Quizzes for lecture 13

- A decision tree contains two types of nodes, namely, the non-terminal nodes and \_\_\_\_\_ or leaves.
- A non-terminal node in a conventional decision tree contains a test function  $f(x)=$ \_\_\_\_\_. The left node will be visited when  $f(x)<0$ .
- Among the three tasks in decision tree induction, the most important and time consuming one is to split \_\_\_\_\_ .
- Conventional decision trees are also called \_\_\_\_\_ decision trees (APDTs).
- For complex problems, APDTs may become very large because the test function is too simple. To solve this problem, we can use \_\_\_\_\_ decision trees.
- An NNTree is a decision tree in which each non-terminal node is a \_\_\_\_\_ .